

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: P1049347

Luminaire Tested: **GALN-SA8C-930-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049347
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8C-930-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE
90CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 27795.3 lumens
Efficiency: N/A
Efficacy: 74.5 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): 372.9
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

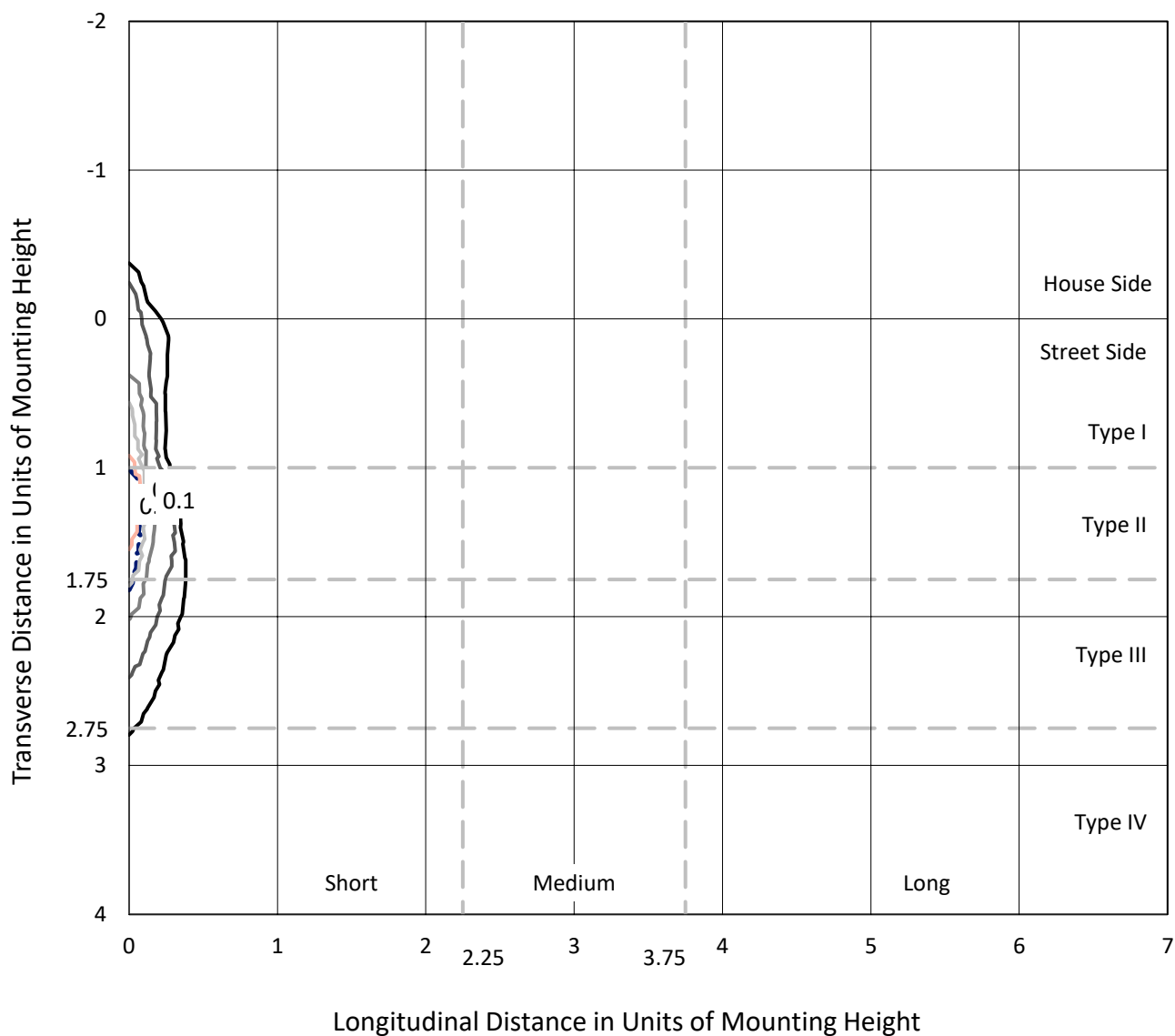
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



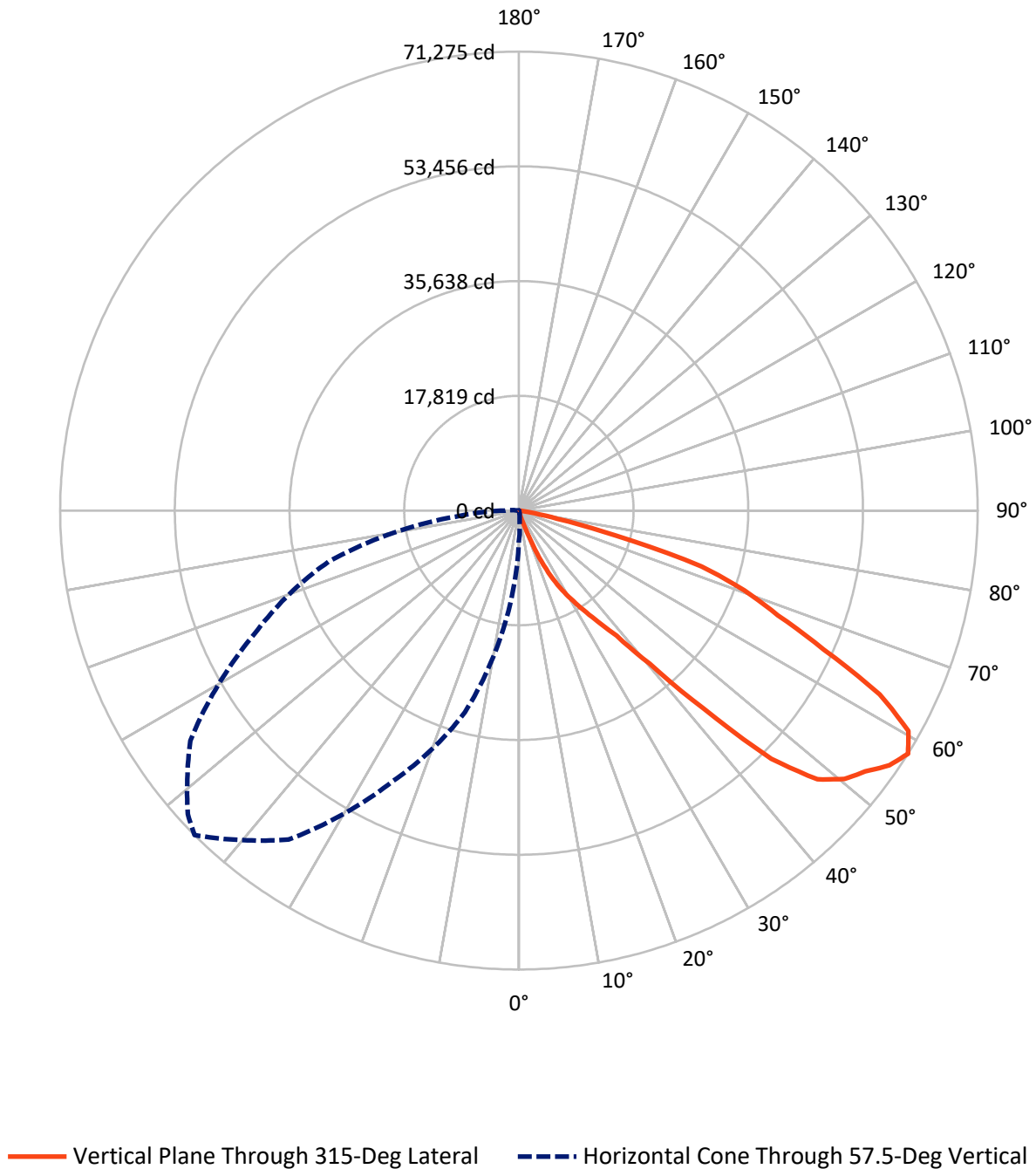
Based on 20 foot mounting height. Maximum calculated value = 4.1 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	139.2	0.0	139.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	27656.1	0.0	27656.1
	% Fixture	99.5	0.0	99.5
Total	Lumens	27795.3	0.0	27795.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.9	0.0
10°-20°	61.1	0.2
20°-30°	658.7	2.4
30°-40°	1947.9	7.0
40°-50°	5805.3	20.9
50°-60°	9205.2	33.1
60°-70°	7684.1	27.6
70°-80°	2369.5	8.5
80°-90°	52.7	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°	27795.3	100.0
0°-180°	27795.3	100.0

Coefficient of Utilization



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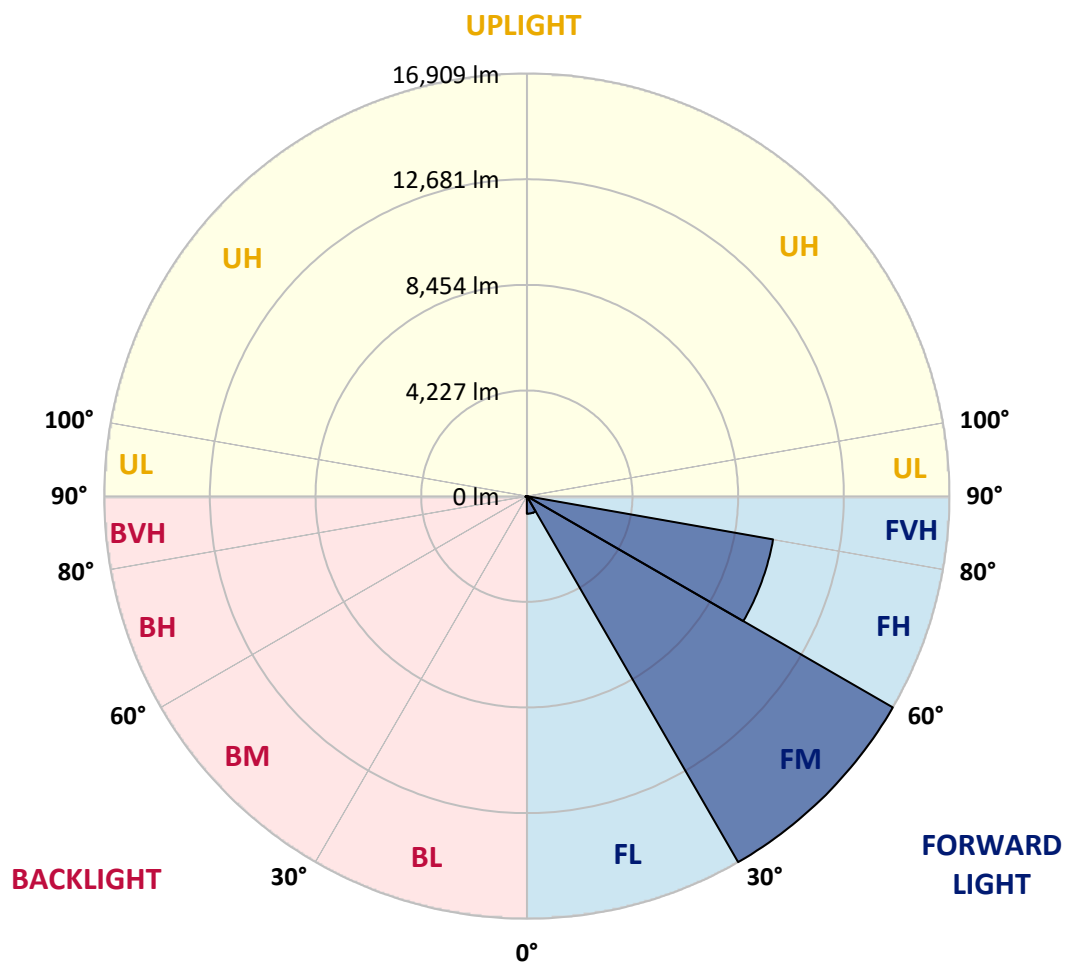
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	705.1	2.5			
FM	(30°-60°)	16908.7	60.8			
FH	(60°-80°)	10001.6	36.0			G4/12000
FVH	(80°-90°)	40.7	0.1			G1/100
BL	(0°-30°)	25.6	0.1	B0/110		
BM	(30°-60°)	49.8	0.2	B0/220		
BH	(60°-80°)	51.9	0.2	B0/110		G0/110
BVH	(80°-90°)	12.0	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°	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8
2.5°	111.3	111.3	111.3	111.3	109.2	109.2	107.1	107.1	105.0	105.0
5°	117.6	117.6	115.5	113.4	113.4	111.3	109.2	107.1	107.1	105.0
7.5°	128.1	126.0	123.9	121.8	117.6	115.5	111.3	109.2	107.1	102.9
10°	140.7	136.5	132.3	128.1	123.9	119.7	115.5	113.4	109.2	107.1
12.5°	157.5	151.2	142.8	136.5	132.3	126.0	121.8	117.6	111.3	107.1
15°	172.2	163.8	153.3	144.9	138.6	130.2	123.9	117.6	113.4	107.1
17.5°	193.2	178.5	161.7	151.2	142.8	132.3	121.8	115.5	109.2	100.8
20°	229.0	199.5	168.0	155.4	142.8	130.2	117.6	109.2	102.9	94.5
22.5°	285.7	235.3	184.8	165.9	149.1	130.2	113.4	105.0	96.6	88.2
25°	394.9	304.6	214.2	189.0	163.8	138.6	113.4	102.9	94.5	84.0
27.5°	525.1	390.7	254.2	218.4	184.8	149.1	113.4	100.8	90.3	77.7
30°	657.4	478.9	298.3	252.1	205.8	159.6	113.4	98.7	86.1	71.4
32.5°	783.5	560.8	336.1	281.5	226.9	170.1	115.5	98.7	81.9	65.1
35°	911.6	628.0	342.4	285.7	229.0	170.1	113.4	94.5	77.7	58.8
37.5°	1075.4	703.7	329.8	273.1	218.4	161.7	107.1	90.3	73.5	54.6
40°	1323.3	829.7	336.1	277.3	218.4	159.6	100.8	84.0	69.3	52.5
42.5°	1781.2	1073.3	363.4	296.2	229.0	159.6	92.4	77.7	65.1	50.4
45°	3079.3	1783.3	487.3	386.5	285.7	184.8	84.0	71.4	60.9	48.3
47.5°	5093.6	2984.8	875.9	676.4	478.9	279.4	81.9	71.4	60.9	48.3
50°	6501.0	3801.8	1102.7	848.6	594.4	340.3	86.1	73.5	63.0	50.4
52.5°	6490.5	3860.7	1228.8	943.1	659.5	373.9	90.3	77.7	67.2	54.6
55°	5770.0	3512.0	1251.9	962.0	674.3	384.4	96.6	84.0	71.4	58.8
57.5°	4822.7	2982.7	1142.7	884.3	628.0	369.7	111.3	96.6	84.0	69.3
60°	3814.5	2352.5	890.6	703.7	518.8	331.9	147.0	128.1	111.3	92.4
62.5°	2634.0	1705.6	777.2	623.8	472.6	319.3	168.0	149.1	132.3	113.4
65°	1863.1	1283.4	701.6	571.3	443.2	313.0	182.7	161.7	142.8	121.8
67.5°	1392.6	1020.8	646.9	535.6	424.3	313.0	201.6	176.4	153.3	128.1
70°	1067.0	838.1	607.0	516.7	428.5	338.2	247.9	212.1	178.5	142.8
72.5°	869.6	716.3	560.8	495.7	430.6	365.5	300.4	254.2	207.9	159.6
75°	720.5	613.3	506.2	451.6	399.1	344.5	289.9	247.9	207.9	165.9
77.5°	478.9	436.9	392.8	361.3	329.8	296.2	264.7	229.0	195.3	159.6
80°	168.0	161.7	155.4	168.0	180.6	193.2	205.8	180.6	157.5	132.3
82.5°	25.2	23.1	21.0	23.1	25.2	27.3	29.4	31.5	33.6	35.7
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°	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8
0.0	2.5°	102.9	102.9	100.8	100.8	100.8	98.7	98.7	96.6	96.6	96.6
0.0	5°	100.8	100.8	98.7	96.6	94.5	94.5	92.4	90.3	90.3	88.2
0.0	7.5°	98.7	96.6	94.5	92.4	90.3	88.2	86.1	84.0	84.0	81.9
0.0	10°	100.8	96.6	94.5	90.3	88.2	86.1	81.9	79.8	77.7	77.7
0.0	12.5°	96.6	94.5	90.3	86.1	84.0	79.8	77.7	73.5	71.4	71.4
0.0	15°	96.6	92.4	86.1	81.9	77.7	75.6	71.4	67.2	65.1	63.0
0.0	17.5°	90.3	86.1	79.8	75.6	71.4	67.2	63.0	58.8	56.7	54.6
0.0	20°	81.9	77.7	71.4	65.1	60.9	56.7	52.5	48.3	46.2	44.1
0.0	22.5°	73.5	69.3	63.0	56.7	52.5	48.3	42.0	37.8	35.7	31.5
0.0	25°	69.3	63.0	56.7	50.4	44.1	39.9	33.6	27.3	23.1	18.9
0.0	27.5°	58.8	52.5	46.2	39.9	33.6	27.3	21.0	14.7	10.5	8.4
0.0	30°	50.4	44.1	37.8	31.5	23.1	16.8	10.5	2.1	2.1	2.1
0.0	32.5°	42.0	35.7	27.3	21.0	16.8	10.5	6.3	0.0	0.0	0.0
0.0	35°	33.6	27.3	18.9	12.6	10.5	6.3	4.2	0.0	0.0	0.0
0.0	37.5°	29.4	23.1	14.7	6.3	4.2	4.2	2.1	0.0	0.0	0.0
0.0	40°	27.3	18.9	10.5	2.1	2.1	2.1	0.0	0.0	0.0	0.0
0.0	42.5°	27.3	18.9	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	27.3	18.9	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	27.3	18.9	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	29.4	21.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	33.6	25.2	16.8	8.4	6.3	4.2	2.1	0.0	0.0	0.0
0.0	55°	42.0	37.8	31.5	27.3	21.0	14.7	6.3	0.0	0.0	0.0
0.0	57.5°	54.6	54.6	52.5	50.4	37.8	25.2	12.6	0.0	0.0	0.0
0.0	60°	73.5	73.5	73.5	73.5	54.6	37.8	18.9	0.0	0.0	0.0
0.0	62.5°	90.3	86.1	79.8	75.6	56.7	37.8	18.9	0.0	0.0	0.0
0.0	65°	90.3	81.9	71.4	60.9	46.2	31.5	14.7	0.0	0.0	0.0
0.0	67.5°	84.0	67.2	48.3	31.5	23.1	16.8	8.4	0.0	0.0	0.0
	70°	84.0	58.8	33.6	8.4	6.3	4.2	2.1	0.0	0.0	0.0
	72.5°	84.0	56.7	27.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	92.4	63.0	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	92.4	63.0	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	81.9	54.6	27.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	27.3	18.9	8.4	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):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8
0.0	2.5°	94.5	94.5	94.5	92.4	92.4	92.4	92.4	90.3	90.3	90.3
0.0	5°	86.1	86.1	84.0	84.0	81.9	81.9	79.8	79.8	77.7	77.7
0.0	7.5°	79.8	77.7	77.7	75.6	73.5	73.5	71.4	71.4	69.3	67.2
0.0	10°	73.5	71.4	71.4	69.3	67.2	65.1	65.1	63.0	60.9	58.8
0.0	12.5°	67.2	65.1	63.0	60.9	58.8	56.7	56.7	54.6	52.5	50.4
0.0	15°	58.8	56.7	54.6	52.5	50.4	48.3	48.3	46.2	44.1	42.0
0.0	17.5°	50.4	48.3	48.3	46.2	44.1	42.0	39.9	35.7	33.6	31.5
0.0	20°	37.8	35.7	33.6	31.5	29.4	25.2	23.1	18.9	14.7	12.6
0.0	22.5°	25.2	21.0	18.9	14.7	10.5	8.4	6.3	2.1	0.0	0.0
0.0	25°	8.4	6.3	4.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA8C-930-U-RBC

[illegible]

REPORT NUMBER: P1049347

CATALOG NUMBER: GALN-SA8C-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°	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8
0.0	2.5°	88.2	88.2	88.2	86.1	86.1	86.1	86.1	86.1	86.1	86.1
0.0	5°	75.6	75.6	75.6	73.5	73.5	71.4	71.4	71.4	69.3	69.3
0.0	7.5°	65.1	63.0	63.0	60.9	60.9	58.8	58.8	58.8	56.7	56.7
0.0	10°	54.6	52.5	52.5	50.4	50.4	48.3	48.3	46.2	46.2	44.1
0.0	12.5°	48.3	46.2	44.1	42.0	42.0	39.9	37.8	37.8	35.7	33.6
0.0	15°	37.8	35.7	33.6	31.5	29.4	27.3	25.2	25.2	23.1	21.0
0.0	17.5°	25.2	21.0	18.9	16.8	16.8	14.7	12.6	10.5	8.4	6.3
0.0	20°	6.3	4.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049347

CATALOG NUMBER: GALN-SA8C-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049347

CATALOG NUMBER: GALN-SA8C-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°	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8
0.0	2.5°	86.1	84.0	84.0	84.0	86.1	86.1	86.1	86.1	86.1	86.1
0.0	5°	69.3	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
0.0	7.5°	56.7	54.6	54.6	54.6	54.6	52.5	52.5	52.5	52.5	52.5
0.0	10°	44.1	42.0	42.0	42.0	42.0	39.9	39.9	39.9	39.9	39.9
0.0	12.5°	31.5	31.5	29.4	29.4	29.4	27.3	27.3	27.3	27.3	25.2
0.0	15°	18.9	16.8	14.7	14.7	14.7	12.6	12.6	12.6	12.6	10.5
0.0	17.5°	4.2	4.2	2.1	2.1	2.1	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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-SA8C-930-U-RBC

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CATALOG NUMBER: GALN-SA8C-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°	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8
0.0	2.5°	88.2	88.2	90.3	90.3	92.4	96.6	98.7	100.8	105.0	109.2
0.0	5°	69.3	71.4	71.4	73.5	75.6	77.7	79.8	81.9	86.1	90.3
0.0	7.5°	54.6	54.6	56.7	56.7	58.8	63.0	65.1	67.2	71.4	77.7
0.0	10°	42.0	42.0	44.1	44.1	46.2	50.4	52.5	54.6	58.8	65.1
0.0	12.5°	27.3	29.4	29.4	31.5	33.6	37.8	39.9	42.0	46.2	50.4
0.0	15°	12.6	14.7	14.7	16.8	18.9	23.1	25.2	27.3	31.5	37.8
0.0	17.5°	2.1	2.1	4.2	4.2	6.3	8.4	10.5	12.6	18.9	23.1
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	8.4
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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-SA8C-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049347

CATALOG NUMBER: GALN-SA8C-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°	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8
0.0	2.5°	115.5	119.7	123.9	128.1	132.3	136.5	138.6	142.8	144.9	147.0
0.0	5°	98.7	102.9	109.2	113.4	117.6	121.8	126.0	128.1	130.2	132.3
0.0	7.5°	86.1	90.3	96.6	100.8	105.0	109.2	113.4	117.6	119.7	121.8
0.0	10°	73.5	79.8	84.0	90.3	94.5	98.7	102.9	107.1	111.3	113.4
0.0	12.5°	58.8	65.1	71.4	75.6	81.9	88.2	92.4	96.6	100.8	105.0
0.0	15°	46.2	52.5	58.8	63.0	69.3	75.6	81.9	86.1	90.3	94.5
0.0	17.5°	33.6	39.9	46.2	50.4	56.7	63.0	67.2	73.5	77.7	81.9
0.0	20°	16.8	23.1	29.4	35.7	42.0	48.3	52.5	58.8	63.0	67.2
0.0	22.5°	2.1	8.4	14.7	18.9	25.2	31.5	35.7	42.0	46.2	50.4
0.0	25°	0.0	2.1	6.3	8.4	10.5	14.7	18.9	23.1	27.3	31.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.1	4.2	8.4	12.6	16.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
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	2.1
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.1	4.2
	85°	0.0	0.0	0.0	0.0	0.0	4.2	6.3	10.5	12.6	14.7
	87.5°	0.0	2.1	4.2	6.3	8.4	12.6	16.8	21.0	23.1	25.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049347

CATALOG NUMBER: GALN-SA8C-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
121.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
2.1											
8.4											
18.9											
27.3											
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REPORT NUMBER: P1049347

CATALOG NUMBER: GALN-SA8C-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°	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8
0.0	2.5°	149.1	149.1	149.1	149.1	147.0	147.0	147.0	144.9	144.9	142.8
0.0	5°	136.5	138.6	138.6	138.6	138.6	138.6	138.6	138.6	136.5	136.5
0.0	7.5°	126.0	128.1	130.2	130.2	132.3	132.3	132.3	130.2	130.2	128.1
0.0	10°	119.7	121.8	121.8	123.9	123.9	123.9	123.9	123.9	123.9	123.9
0.0	12.5°	111.3	113.4	115.5	115.5	117.6	117.6	117.6	117.6	115.5	115.5
0.0	15°	100.8	105.0	107.1	109.2	109.2	111.3	111.3	111.3	111.3	111.3
0.0	17.5°	92.4	96.6	98.7	100.8	100.8	102.9	102.9	105.0	105.0	105.0
0.0	20°	75.6	79.8	81.9	86.1	88.2	90.3	92.4	94.5	94.5	96.6
0.0	22.5°	58.8	63.0	65.1	69.3	71.4	73.5	75.6	77.7	79.8	81.9
0.0	25°	42.0	46.2	48.3	52.5	54.6	56.7	58.8	60.9	60.9	63.0
0.0	27.5°	23.1	27.3	31.5	33.6	37.8	39.9	42.0	44.1	46.2	48.3
0.0	30°	10.5	12.6	14.7	18.9	21.0	23.1	25.2	29.4	31.5	33.6
0.0	32.5°	0.0	0.0	2.1	6.3	8.4	10.5	12.6	14.7	14.7	16.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.1	4.2	6.3	8.4
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°	4.2	4.2	4.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3
	82.5°	10.5	12.6	14.7	14.7	16.8	16.8	16.8	16.8	14.7	14.7
	85°	21.0	23.1	25.2	25.2	27.3	27.3	27.3	27.3	27.3	27.3
	87.5°	29.4	31.5	33.6	33.6	35.7	35.7	35.7	35.7	35.7	35.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049347

CATALOG NUMBER: GALN-SA8C-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
121.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.3	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
94.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
6.3											
14.7											
27.3											
35.7											
0.0											
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REPORT NUMBER: P1049347

CATALOG NUMBER: GALN-SA8C-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°	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8
0.0	2.5°	140.7	140.7	138.6	138.6	138.6	138.6	138.6	140.7	142.8	142.8
0.0	5°	134.4	134.4	132.3	132.3	132.3	134.4	134.4	136.5	138.6	140.7
0.0	7.5°	128.1	126.0	126.0	128.1	128.1	130.2	130.2	132.3	134.4	136.5
0.0	10°	123.9	121.8	121.8	121.8	123.9	123.9	126.0	128.1	130.2	132.3
0.0	12.5°	115.5	115.5	115.5	115.5	117.6	117.6	119.7	121.8	126.0	128.1
0.0	15°	111.3	109.2	109.2	109.2	109.2	111.3	111.3	115.5	119.7	121.8
0.0	17.5°	102.9	102.9	100.8	100.8	102.9	102.9	105.0	109.2	113.4	115.5
0.0	20°	94.5	92.4	90.3	90.3	92.4	92.4	94.5	98.7	102.9	105.0
0.0	22.5°	81.9	79.8	79.8	79.8	79.8	81.9	81.9	86.1	92.4	96.6
0.0	25°	65.1	67.2	67.2	69.3	69.3	71.4	73.5	77.7	84.0	88.2
0.0	27.5°	50.4	52.5	52.5	56.7	58.8	60.9	63.0	69.3	75.6	79.8
0.0	30°	37.8	39.9	42.0	44.1	48.3	52.5	56.7	63.0	69.3	73.5
0.0	32.5°	23.1	27.3	29.4	33.6	37.8	42.0	46.2	52.5	60.9	67.2
0.0	35°	16.8	18.9	23.1	25.2	29.4	33.6	37.8	46.2	52.5	60.9
0.0	37.5°	8.4	12.6	16.8	21.0	25.2	29.4	33.6	42.0	50.4	56.7
0.0	40°	6.3	10.5	12.6	16.8	23.1	27.3	31.5	39.9	48.3	56.7
0.0	42.5°	4.2	6.3	8.4	14.7	18.9	25.2	31.5	39.9	48.3	56.7
0.0	45°	4.2	4.2	6.3	12.6	18.9	27.3	33.6	42.0	48.3	56.7
0.0	47.5°	4.2	6.3	8.4	16.8	21.0	27.3	33.6	39.9	48.3	54.6
0.0	50°	6.3	8.4	10.5	18.9	23.1	29.4	33.6	42.0	48.3	56.7
0.0	52.5°	4.2	6.3	8.4	16.8	23.1	31.5	37.8	46.2	54.6	60.9
0.0	55°	2.1	2.1	2.1	12.6	25.2	35.7	48.3	54.6	63.0	69.3
0.0	57.5°	0.0	0.0	0.0	8.4	25.2	39.9	54.6	63.0	71.4	77.7
0.0	60°	0.0	0.0	0.0	8.4	25.2	39.9	54.6	65.1	75.6	86.1
0.0	62.5°	0.0	0.0	0.0	8.4	21.0	33.6	46.2	63.0	81.9	98.7
0.0	65°	0.0	0.0	0.0	6.3	16.8	27.3	37.8	63.0	88.2	111.3
0.0	67.5°	0.0	0.0	0.0	6.3	16.8	25.2	35.7	63.0	88.2	115.5
	70°	0.0	0.0	0.0	6.3	16.8	27.3	37.8	63.0	88.2	113.4
	72.5°	0.0	0.0	0.0	6.3	18.9	29.4	42.0	63.0	84.0	105.0
	75°	0.0	0.0	0.0	8.4	18.9	31.5	44.1	63.0	81.9	98.7
	77.5°	0.0	0.0	0.0	6.3	18.9	29.4	42.0	60.9	79.8	96.6
	80°	6.3	4.2	4.2	10.5	18.9	27.3	35.7	54.6	75.6	94.5
	82.5°	12.6	12.6	10.5	14.7	18.9	25.2	31.5	48.3	67.2	84.0
	85°	25.2	25.2	23.1	25.2	25.2	27.3	29.4	37.8	46.2	54.6
	87.5°	33.6	33.6	31.5	31.5	31.5	29.4	29.4	29.4	29.4	27.3
	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



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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
121.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.6											
126.0											
117.6											
115.5											
113.4											
100.8											
63.0											
27.3											
0.0											
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REPORT NUMBER: P1049347

CATALOG NUMBER: GALN-SA8C-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°	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8
0.0	2.5°	147.0	149.1	149.1	151.2	153.3	155.4	155.4	157.5	157.5	157.5
0.0	5°	144.9	149.1	151.2	153.3	155.4	157.5	159.6	161.7	163.8	163.8
0.0	7.5°	142.8	144.9	149.1	151.2	155.4	157.5	161.7	163.8	165.9	168.0
0.0	10°	138.6	142.8	147.0	151.2	155.4	159.6	163.8	168.0	172.2	174.3
0.0	12.5°	134.4	140.7	144.9	149.1	155.4	161.7	165.9	172.2	176.4	180.6
0.0	15°	132.3	136.5	142.8	147.0	155.4	163.8	170.1	178.5	186.9	193.2
0.0	17.5°	126.0	134.4	140.7	147.0	155.4	165.9	174.3	182.7	195.3	207.9
0.0	20°	117.6	123.9	132.3	138.6	151.2	161.7	174.3	184.8	203.7	222.6
0.0	22.5°	109.2	117.6	123.9	132.3	147.0	159.6	174.3	186.9	218.4	247.9
0.0	25°	100.8	111.3	119.7	128.1	144.9	161.7	178.5	195.3	247.9	300.4
0.0	27.5°	96.6	105.0	115.5	123.9	144.9	168.0	189.0	210.0	294.1	376.0
0.0	30°	90.3	100.8	109.2	119.7	147.0	174.3	201.6	229.0	357.1	485.2
0.0	32.5°	84.0	94.5	105.0	115.5	151.2	186.9	220.5	256.3	424.3	590.2
0.0	35°	77.7	90.3	100.8	111.3	157.5	205.8	252.1	298.3	485.2	670.0
0.0	37.5°	75.6	88.2	98.7	109.2	159.6	207.9	258.4	306.7	491.5	676.4
0.0	40°	77.7	88.2	100.8	111.3	153.3	195.3	235.3	277.3	470.5	661.6
0.0	42.5°	77.7	90.3	102.9	115.5	149.1	182.7	216.3	250.0	464.2	678.5
0.0	45°	75.6	88.2	100.8	113.4	144.9	174.3	205.8	235.3	502.0	766.7
0.0	47.5°	73.5	86.1	98.7	111.3	142.8	174.3	205.8	237.4	649.0	1058.6
0.0	50°	73.5	86.1	96.6	107.1	144.9	184.8	222.6	260.5	945.2	1627.9
0.0	52.5°	77.7	88.2	96.6	105.0	149.1	195.3	239.5	283.6	1201.5	2117.3
0.0	55°	84.0	90.3	98.7	105.0	159.6	212.1	266.8	319.3	1279.2	2239.1
0.0	57.5°	92.4	98.7	105.0	111.3	178.5	245.8	310.9	378.1	1285.5	2190.8
0.0	60°	102.9	111.3	117.6	123.9	195.3	268.9	340.3	411.7	1163.7	1913.5
0.0	62.5°	126.0	136.5	144.9	155.4	224.8	292.0	361.3	428.5	966.2	1503.9
0.0	65°	144.9	153.3	161.7	170.1	237.4	306.7	373.9	441.1	819.2	1197.3
0.0	67.5°	149.1	157.5	163.8	172.2	241.6	310.9	378.1	447.4	701.6	953.6
	70°	151.2	161.7	174.3	184.8	256.3	327.7	397.0	468.4	621.7	775.1
	72.5°	144.9	165.9	184.8	203.7	271.0	336.1	403.3	468.4	577.6	686.9
	75°	144.9	174.3	201.6	229.0	279.4	327.7	378.1	426.4	510.4	594.4
	77.5°	153.3	191.1	229.0	266.8	296.2	323.5	352.9	380.2	434.8	489.4
	80°	153.3	193.2	231.1	271.0	283.6	298.3	310.9	323.5	329.8	336.1
	82.5°	132.3	163.8	195.3	226.9	212.1	197.4	182.7	168.0	157.5	144.9
	85°	67.2	73.5	77.7	81.9	75.6	69.3	63.0	56.7	52.5	46.2
	87.5°	27.3	27.3	25.2	25.2	25.2	25.2	23.1	23.1	23.1	23.1
	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: P1049347

CATALOG NUMBER: GALN-SA8C-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
121.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
186.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
203.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
224.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
258.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
329.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
447.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
621.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
842.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1052.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1195.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1302.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1409.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1619.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3108.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4761.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5994.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6131.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5532.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4730.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3696.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2793.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2062.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1459.8											
1085.9											
789.8											
594.4											
334.0											
151.2											
44.1											
21.0											
0.0											
0.0											
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REPORT NUMBER: P1049347

CATALOG NUMBER: GALN-SA8C-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°	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8
0.0	2.5°	157.5	155.4	155.4	153.3	151.2	149.1	147.0	144.9	142.8	140.7
0.0	5°	163.8	163.8	163.8	161.7	161.7	159.6	159.6	157.5	155.4	153.3
0.0	7.5°	170.1	172.2	172.2	174.3	174.3	174.3	174.3	172.2	172.2	172.2
0.0	10°	180.6	182.7	184.8	186.9	189.0	191.1	191.1	193.2	193.2	193.2
0.0	12.5°	193.2	199.5	203.7	210.0	214.2	220.5	224.8	231.1	235.3	239.5
0.0	15°	212.1	222.6	235.3	245.8	256.3	271.0	287.8	302.5	317.2	340.3
0.0	17.5°	239.5	273.1	306.7	338.2	371.8	445.3	518.8	590.2	663.7	770.9
0.0	20°	292.0	392.8	491.5	592.3	691.1	949.4	1205.7	1464.0	1720.3	1995.4
0.0	22.5°	409.6	657.4	905.3	1153.2	1401.0	1940.8	2478.6	3018.4	3556.1	4188.3
0.0	25°	594.4	1050.2	1506.0	1959.7	2415.5	3259.9	4106.4	4950.8	5795.2	6616.5
0.0	27.5°	865.4	1562.7	2260.1	2955.4	3652.7	4797.5	5944.3	7089.1	8233.8	9162.2
0.0	30°	1199.4	2144.6	3089.8	4035.0	4980.2	6282.5	7584.8	8885.0	10187.3	11201.8
0.0	32.5°	1514.4	2671.8	3829.2	4984.4	6141.8	7624.7	9109.7	10592.7	12075.6	13184.6
0.0	35°	1720.3	3119.2	4520.2	5919.1	7318.0	8922.8	10527.6	12130.2	13735.0	15001.6
0.0	37.5°	1926.1	3541.4	5154.6	6769.8	8383.0	10145.3	11907.6	13669.9	15432.1	16997.0
0.0	40°	2157.2	4051.8	5944.3	7839.0	9731.5	11819.3	13905.1	15993.0	18078.7	20286.3
0.0	42.5°	2558.4	4898.3	7240.3	9580.2	11920.2	14682.3	17444.4	20204.4	22966.5	26117.2
0.0	45°	3312.4	6610.2	9910.0	13207.8	16505.5	20164.5	23825.6	27484.6	31143.7	35336.2
0.0	47.5°	5158.8	9695.8	14230.7	18767.7	23302.6	27253.6	31202.5	35153.5	39102.3	43278.1
0.0	50°	7893.6	13174.1	18454.7	23733.2	29013.8	32588.8	36161.7	39736.7	43309.6	47281.6
0.0	52.5°	9872.2	15373.3	20876.6	26377.7	31878.8	35105.1	38333.6	41559.9	44786.2	48497.7
0.0	55°	10021.3	15491.0	20962.7	26432.3	31901.9	35143.0	38384.0	41625.0	44866.0	48800.2
0.0	57.5°	8872.4	14297.9	19721.3	25146.8	30570.2	34260.8	37949.2	41639.7	45328.1	49581.6
0.0	60°	7547.0	12974.6	18400.1	23827.7	29253.2	33504.6	37758.0	42009.4	46260.7	50245.3
0.0	62.5°	5887.6	11470.7	17055.8	22638.9	28221.9	32538.4	36854.8	41169.2	45485.7	48474.6
0.0	65°	4387.9	9809.2	15230.5	20649.7	26071.0	29528.4	32985.8	36441.0	39898.4	41748.9
0.0	67.5°	3171.7	7847.4	12520.9	17196.5	21870.1	24344.4	26818.8	29291.0	31765.4	33181.1
	70°	2144.6	5383.5	8620.3	11859.2	15096.1	17129.3	19164.7	21197.9	23231.2	25142.6
	72.5°	1485.0	3304.0	5125.1	6944.2	8763.2	10809.0	12852.8	14898.6	16942.4	18965.1
	75°	985.1	1812.7	2642.4	3470.0	4297.6	5812.0	7328.5	8843.0	10357.4	11563.1
	77.5°	699.5	947.3	1197.3	1445.1	1693.0	1976.5	2262.2	2545.8	2829.3	3259.9
	80°	331.9	363.4	394.9	424.3	455.8	558.7	661.6	764.6	867.5	976.7
	82.5°	157.5	170.1	182.7	193.2	205.8	216.3	226.9	237.4	247.9	237.4
	85°	42.0	42.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	42.0
	87.5°	18.9	18.9	18.9	18.9	18.9	18.9	18.9	16.8	16.8	14.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
121.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
195.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
241.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
365.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
875.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2272.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4820.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7437.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10090.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12218.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14295.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16268.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18563.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22493.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29267.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39528.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47453.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51253.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52209.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52736.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53835.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54227.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51465.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43601.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34598.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27051.9											
20987.9											
12768.8											
3690.5											
1085.9											
224.8											
39.9											
14.7											
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°	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8
0.0	2.5°	136.5	134.4	132.3	130.2	128.1	123.9	123.9	121.8	121.8
0.0	5°	149.1	147.0	144.9	142.8	142.8	140.7	138.6	138.6	136.5
0.0	7.5°	170.1	168.0	165.9	163.8	163.8	161.7	161.7	159.6	159.6
0.0	10°	195.3	195.3	195.3	195.3	195.3	193.2	193.2	193.2	191.1
0.0	12.5°	245.8	247.9	252.1	256.3	262.6	262.6	262.6	260.5	260.5
0.0	15°	388.6	411.7	428.5	445.3	460.0	493.6	489.4	483.1	478.9
0.0	17.5°	983.0	1088.0	1144.8	1199.4	1256.1	1411.5	1386.3	1361.1	1338.0
0.0	20°	2547.9	2823.0	3005.8	3188.5	3373.4	3665.3	3593.9	3522.5	3451.1
0.0	22.5°	5450.7	6083.0	6358.1	6633.3	6906.3	7259.2	7030.3	6801.3	6574.5
0.0	25°	8256.9	9078.2	9542.4	10006.6	10468.7	10670.4	10372.1	10071.8	9773.5
0.0	27.5°	11019.1	11947.5	12357.1	12764.6	13174.1	13596.3	13226.7	12854.9	12485.2
0.0	30°	13233.0	14247.5	14690.7	15131.8	15575.0	15869.0	15486.8	15102.4	14720.1
0.0	32.5°	15404.8	16513.9	16999.1	17484.3	17967.4	18389.6	17919.1	17446.5	16976.0
0.0	35°	17532.6	18799.2	19467.1	20135.1	20803.0	21195.8	20637.1	20076.3	19517.6
0.0	37.5°	20128.8	21693.6	22441.4	23189.2	23936.9	24653.2	24037.8	23420.2	22804.8
0.0	40°	24701.5	26909.1	28056.0	29204.9	30351.8	31276.0	30498.8	29721.6	28944.5
0.0	42.5°	32418.6	35569.3	37218.2	38865.0	40513.9	41956.9	41139.8	40322.7	39505.6
0.0	45°	43721.3	47913.8	49924.0	51932.0	53942.2	54996.6	53820.3	52642.0	51465.7
0.0	47.5°	51627.4	55803.2	57592.8	59382.4	61172.0	62375.5	60936.7	59497.9	58061.2
0.0	50°	55223.4	59195.4	60991.3	62785.1	64581.0	65536.7	63875.3	62211.7	60550.2
0.0	52.5°	55918.7	59630.2	61772.7	63917.3	66059.8	67336.8	65375.0	63411.1	61449.2
0.0	55°	56670.7	60604.8	63089.7	65576.7	68061.5	69830.1	67612.0	65391.8	63173.7
0.0	57.5°	58086.4	62339.8	64818.4	67294.8	69773.4	71275.2	69050.8	66824.3	64599.9
0.0	60°	58212.4	62194.9	64324.8	66456.7	68586.6	69531.8	67404.1	65274.2	63146.4
0.0	62.5°	54454.7	57443.6	58922.4	60401.1	61879.8	62907.0	60686.8	58464.5	56244.3
0.0	65°	45452.1	47302.6	48480.9	49659.3	50837.7	52062.2	50029.0	47995.7	45962.5
0.0	67.5°	36014.6	37430.4	38982.6	40534.9	42087.1	43395.7	41767.8	40137.9	38510.0
	70°	28963.4	30872.7	32618.2	34363.7	36109.2	37180.4	35546.2	33910.0	32275.8
	72.5°	23010.6	25033.4	26491.1	27946.7	29404.5	29667.0	28465.6	27264.1	26064.7
	75°	13972.3	15178.0	15207.4	15234.7	15264.1	15514.1	14518.4	13522.8	12529.3
	77.5°	4121.1	4551.7	4906.7	5259.6	5614.6	6043.1	5677.6	5310.0	4944.5
	80°	1193.1	1302.3	1394.7	1485.0	1577.5	1522.8	1436.7	1350.6	1264.5
	82.5°	214.2	201.6	199.5	197.4	197.4	186.9	170.1	153.3	136.5
	85°	37.8	35.7	33.6	31.5	29.4	27.3	23.1	21.0	16.8
	87.5°	12.6	10.5	8.4	6.3	6.3	2.1	2.1	2.1	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049347

CATALOG NUMBER: GALN-SA8C-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°	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8	121.8
0.0	0.0	2.5°	119.7	117.6	117.6	117.6	117.6	115.5	115.5	115.5	115.5
0.0	0.0	5°	132.3	132.3	130.2	130.2	128.1	128.1	126.0	126.0	123.9
0.0	0.0	7.5°	155.4	153.3	151.2	149.1	147.0	142.8	140.7	138.6	138.6
0.0	0.0	10°	186.9	182.7	180.6	176.4	174.3	170.1	165.9	161.7	157.5
0.0	0.0	12.5°	245.8	237.4	231.1	222.6	214.2	207.9	199.5	193.2	184.8
0.0	0.0	15°	426.4	405.4	382.3	355.0	325.6	298.3	268.9	252.1	233.2
0.0	0.0	17.5°	1090.1	980.9	869.6	779.3	689.0	600.7	510.4	445.3	380.2
0.0	0.0	20°	2774.7	2472.3	2169.8	1871.5	1571.2	1272.9	972.5	821.3	670.0
0.0	0.0	22.5°	5221.8	4660.9	4098.0	3554.0	3007.9	2463.9	1919.8	1577.5	1237.2
0.0	0.0	25°	8059.5	7353.7	6648.0	5753.2	4856.3	3961.5	3066.7	2510.1	1953.4
0.0	0.0	27.5°	10487.6	9674.8	8861.9	7773.8	6685.8	5597.8	4509.7	3680.0	2852.4
0.0	0.0	30°	12590.2	11716.4	10842.6	9576.0	8309.5	7042.9	5776.3	4738.7	3701.0
0.0	0.0	32.5°	14413.4	13367.4	12321.4	11014.9	9708.4	8401.9	7095.4	5822.5	4549.6
0.0	0.0	35°	16516.0	15295.6	14073.1	12623.8	11172.4	9723.1	8273.7	6837.0	5398.2
0.0	0.0	37.5°	19187.8	17690.2	16190.4	14575.2	12959.9	11346.7	9731.5	8088.9	6446.3
0.0	0.0	40°	24302.4	22370.0	20437.6	18385.4	16331.1	14279.0	12226.8	10210.4	8193.9
0.0	0.0	42.5°	33466.8	30855.9	28245.0	25514.4	22781.7	20051.1	17318.4	14474.3	11628.2
0.0	0.0	45°	43809.5	40570.6	37329.5	34265.0	31198.3	28133.7	25069.1	21166.4	17263.8
0.0	0.0	47.5°	49625.7	46128.4	42631.1	39730.4	36829.6	33928.9	31028.1	26820.9	22613.7
0.0	0.0	50°	51766.1	48205.8	44645.5	41975.8	39304.0	36634.3	33962.5	29748.9	25533.3
0.0	0.0	52.5°	52221.9	48590.2	44958.4	42271.9	39585.4	36901.0	34214.5	30028.3	25842.1
0.0	0.0	55°	53158.7	49262.3	45363.8	42301.4	39238.9	36176.4	33113.9	28860.4	24607.0
0.0	0.0	57.5°	54383.2	50388.2	46393.1	42904.2	39415.3	35928.5	32439.6	27789.2	23138.8
0.0	0.0	60°	54061.9	50585.6	47107.2	43370.5	39631.7	35894.9	32156.1	27041.4	21924.7
0.0	0.0	62.5°	48483.0	45714.6	42944.1	39871.1	36796.0	33723.0	30650.0	25384.2	20118.3
0.0	0.0	65°	39885.8	37865.2	35844.5	33372.3	30897.9	28425.7	25953.4	21231.5	16511.8
0.0	0.0	67.5°	32326.2	30049.3	27770.3	25800.1	23827.7	21857.5	19885.1	16169.4	12453.7
		70°	25682.4	23206.0	20727.4	18803.4	16877.3	14953.2	13029.2	10559.1	8091.0
		72.5°	20395.6	18162.8	15930.0	13877.8	11823.5	9771.4	7717.1	6257.3	4797.5
		75°	9748.3	8855.6	7962.9	6889.5	5816.2	4742.9	3669.5	3033.1	2398.7
		77.5°	3612.8	3131.8	2648.7	2211.8	1774.9	1340.1	903.2	827.6	752.0
		80°	934.7	815.0	693.2	607.0	518.8	432.7	346.6	313.0	281.5
		82.5°	107.1	98.7	92.4	88.2	81.9	77.7	71.4	65.1	58.8
		85°	6.3	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA8C-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049347

CATALOG NUMBER: GALN-SA8C-930-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	121.8	121.8
0.0	0.0	2.5°	113.4	111.3
0.0	0.0	5°	119.7	117.6
0.0	0.0	7.5°	132.3	128.1
0.0	0.0	10°	144.9	140.7
0.0	0.0	12.5°	163.8	157.5
0.0	0.0	15°	184.8	172.2
0.0	0.0	17.5°	220.5	193.2
0.0	0.0	20°	298.3	229.0
0.0	0.0	22.5°	420.1	285.7
0.0	0.0	25°	617.5	394.9
0.0	0.0	27.5°	859.1	525.1
0.0	0.0	30°	1142.7	657.4
0.0	0.0	32.5°	1392.6	783.5
0.0	0.0	35°	1718.2	911.6
0.0	0.0	37.5°	2119.4	1075.4
0.0	0.0	40°	2741.1	1323.3
0.0	0.0	42.5°	3860.7	1781.2
0.0	0.0	45°	6269.9	3079.3
0.0	0.0	47.5°	9647.5	5093.6
0.0	0.0	50°	11802.5	6501.0
0.0	0.0	52.5°	11979.0	6490.5
0.0	0.0	55°	10935.0	5770.0
0.0	0.0	57.5°	9330.3	4822.7
0.0	0.0	60°	7754.9	3814.5
0.0	0.0	62.5°	6110.3	2634.0
0.0	0.0	65°	4465.6	1863.1
0.0	0.0	67.5°	3207.4	1392.6
		70°	2108.9	1067.0
		72.5°	1373.7	869.6
		75°	924.2	720.5
		77.5°	539.8	478.9
		80°	191.1	168.0
		82.5°	35.7	25.2
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049347

CATALOG NUMBER: GALN-SA8C-930-U-RBC

CANDELA DISTRIBUTION (continued):

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-14

Test Date: 10/11/2024

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

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

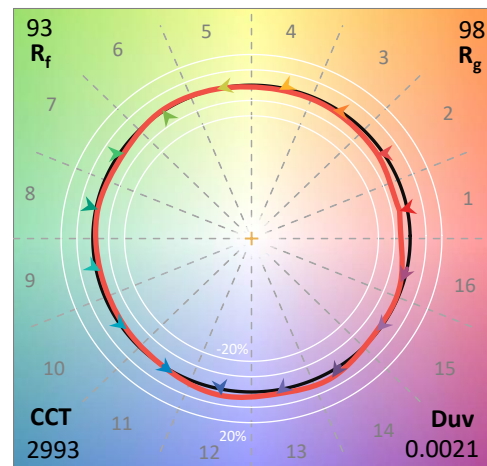
Test Information

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

Spectral Parameters

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

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



Test Conditions

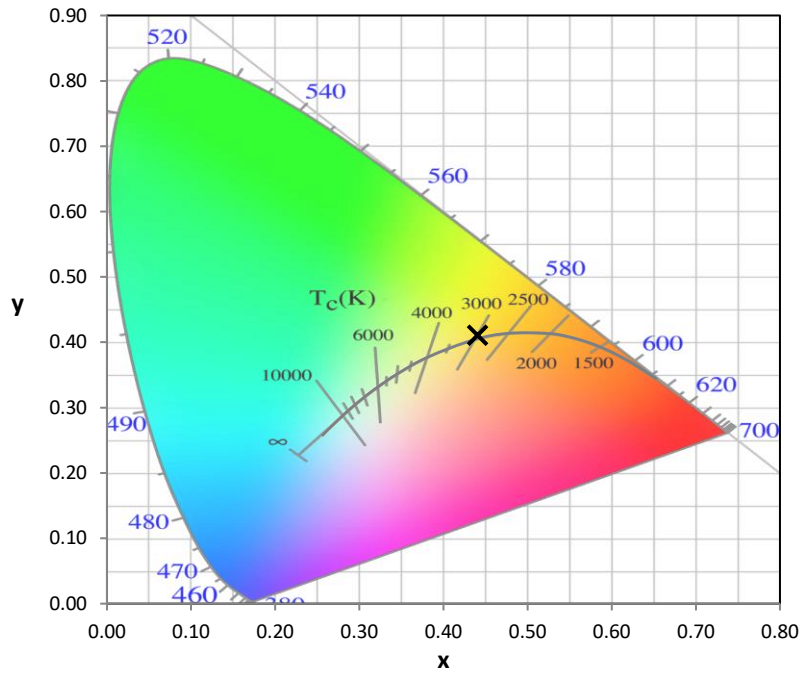
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

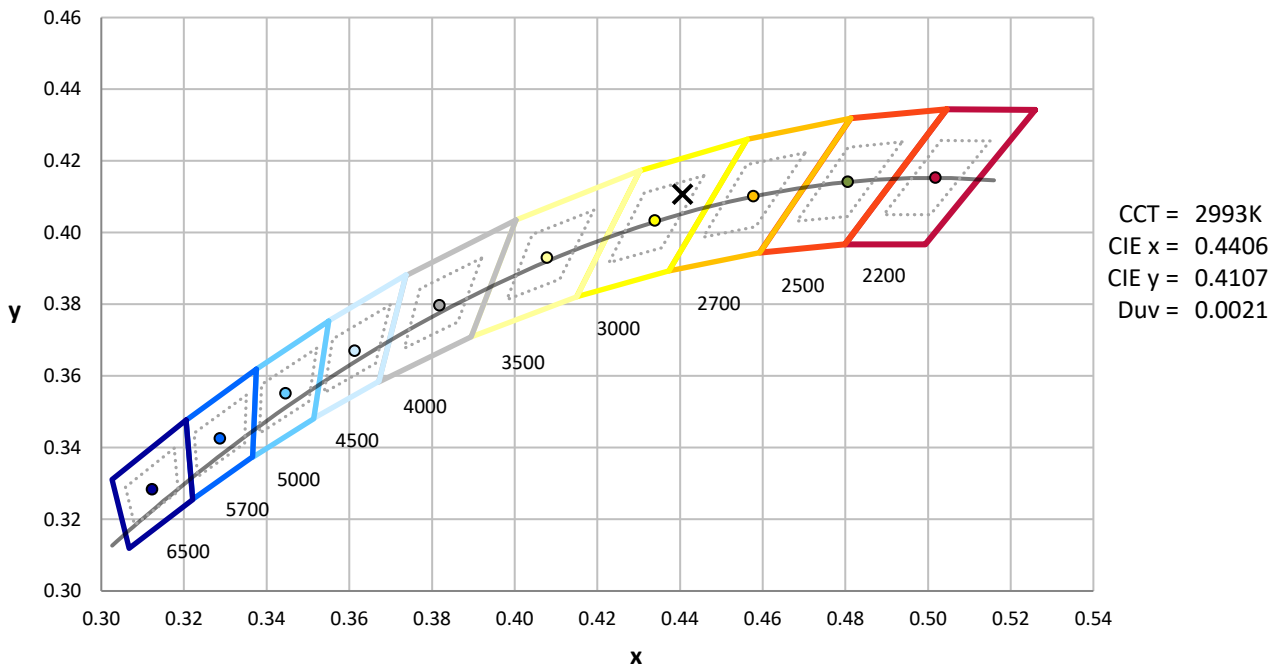
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



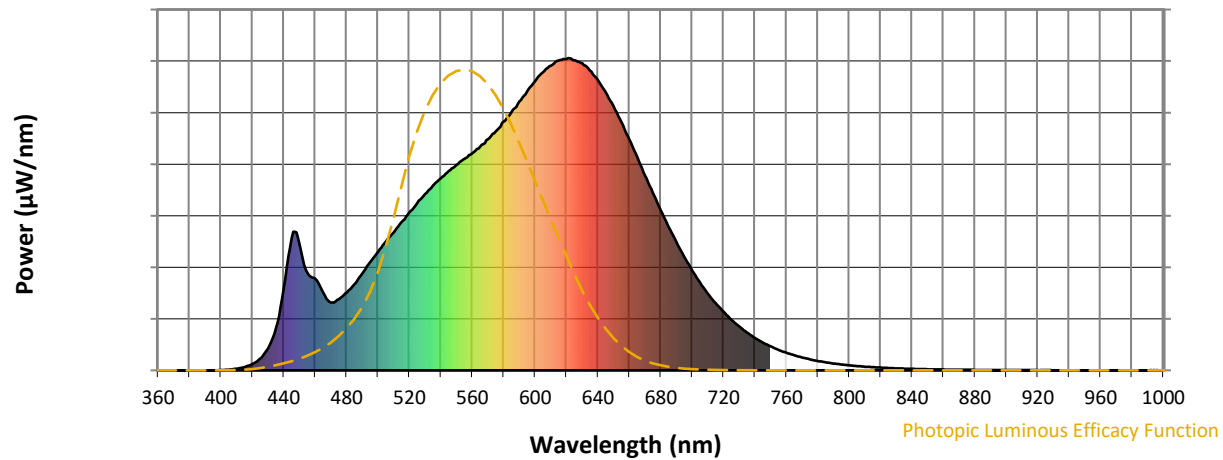
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

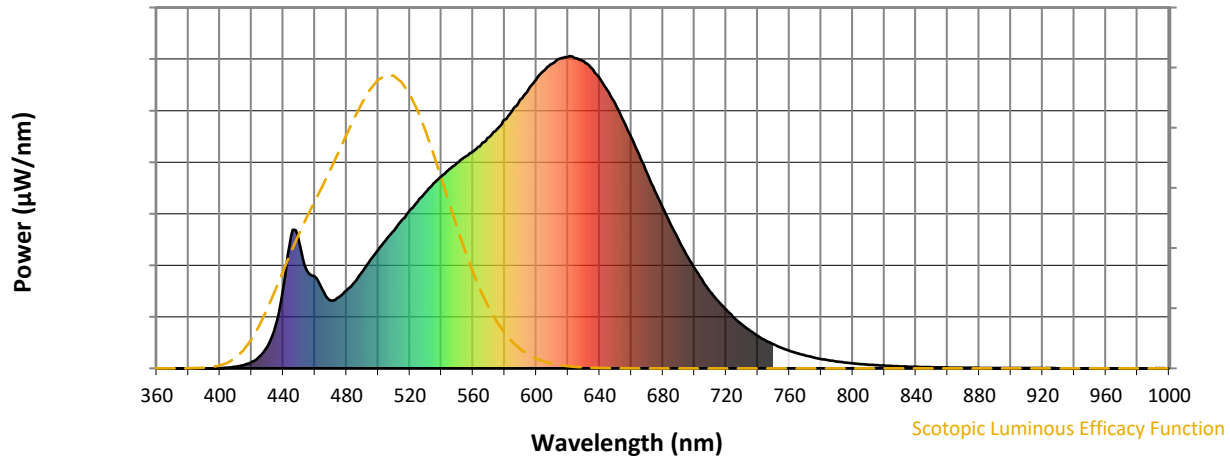


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength



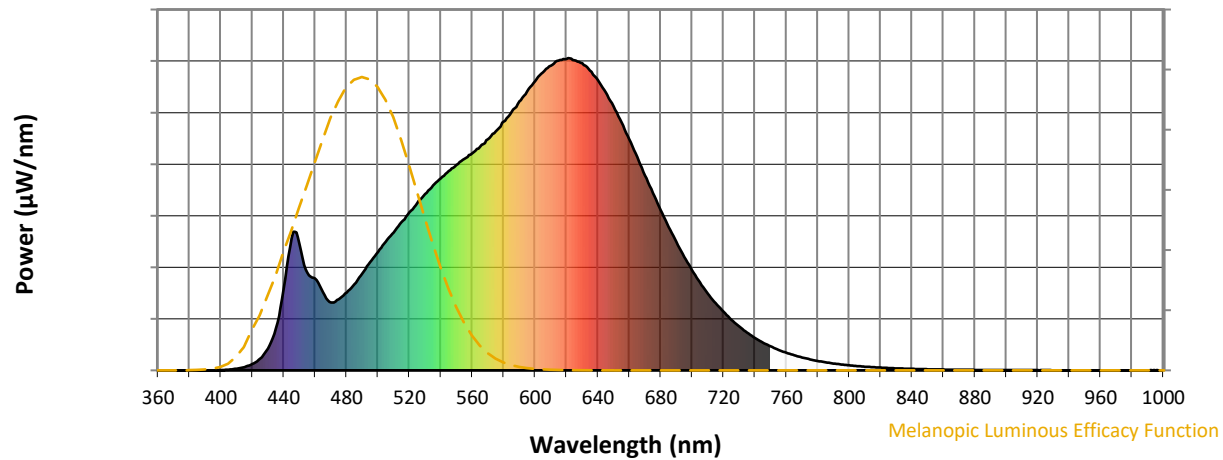
Scotopic Lumens: NR

S/P: 1.39

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

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.69

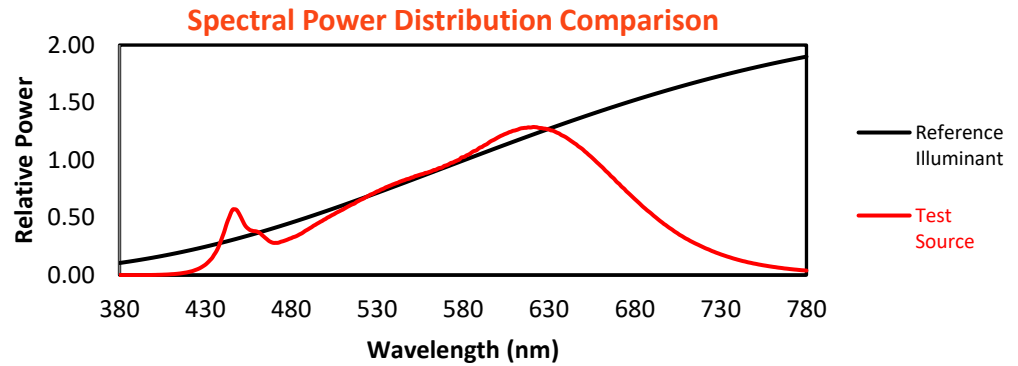
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310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

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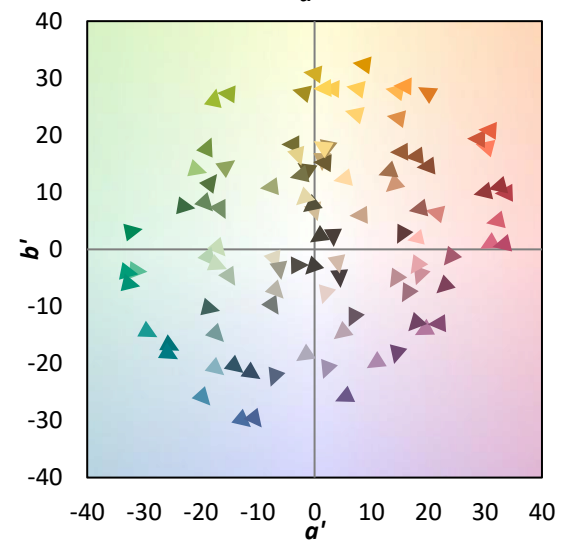
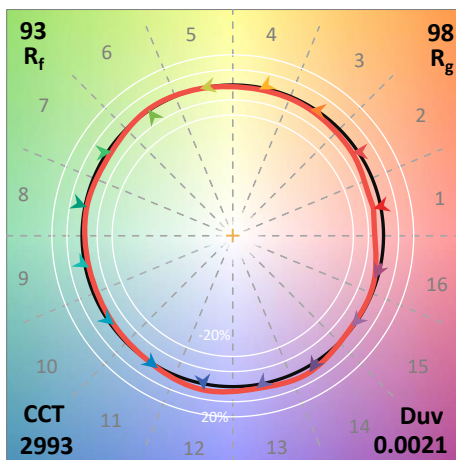
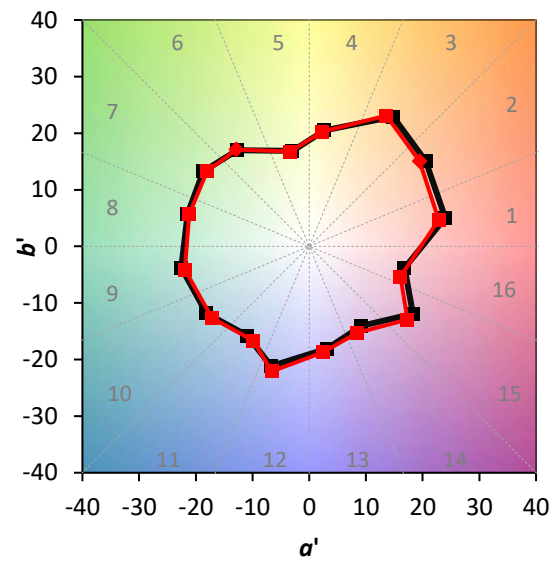
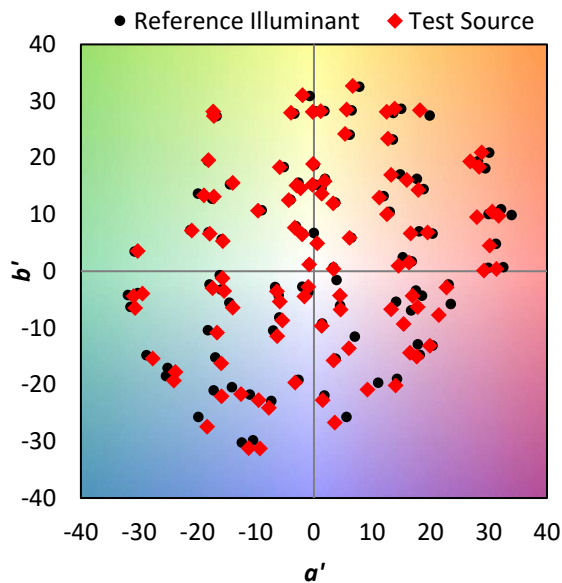
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $CIE R_a = 92.4$
 $R_9 = 58.2$

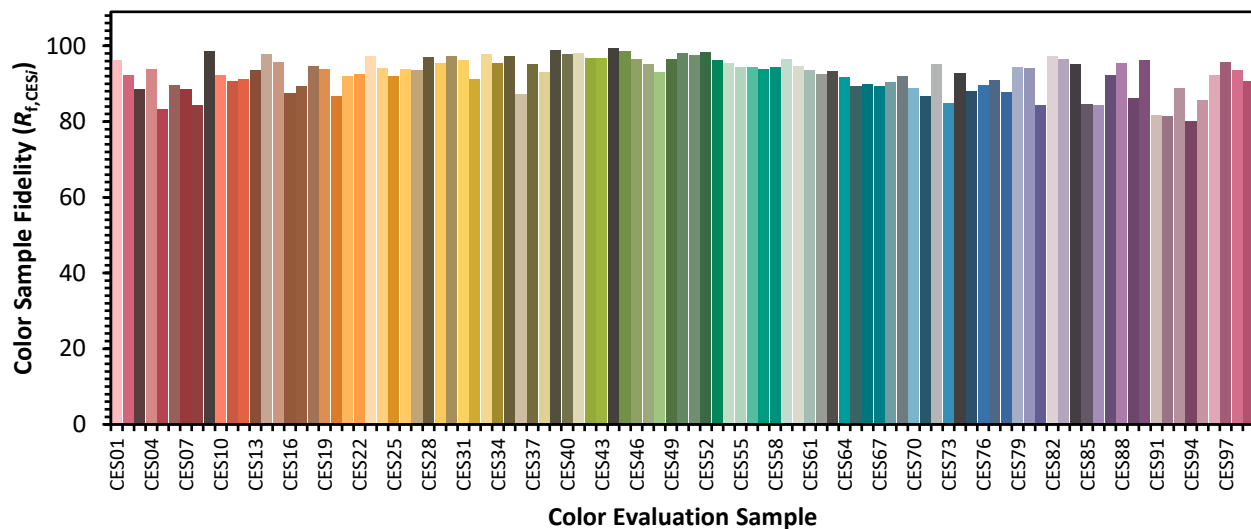


Color Vector Graphics

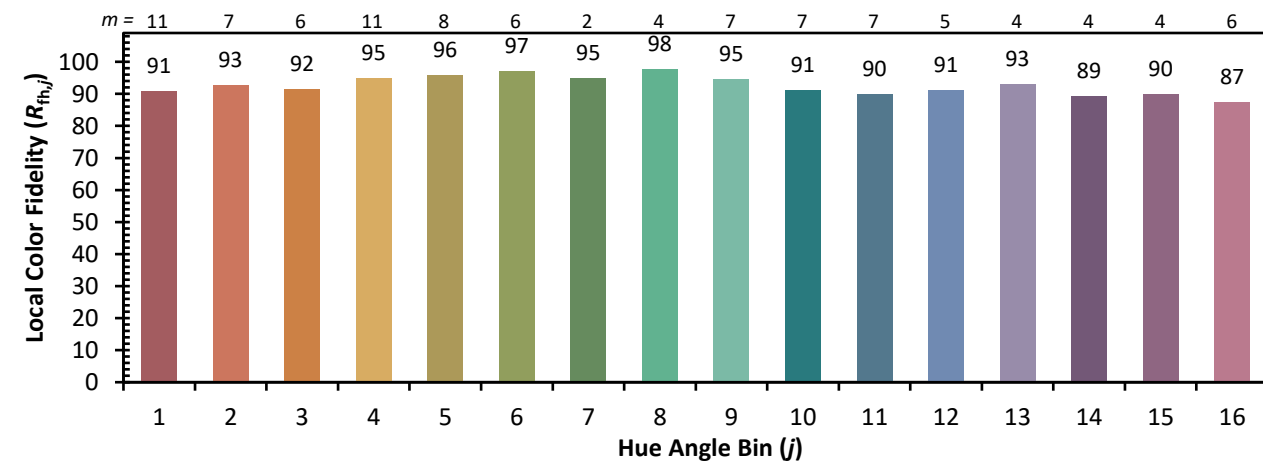
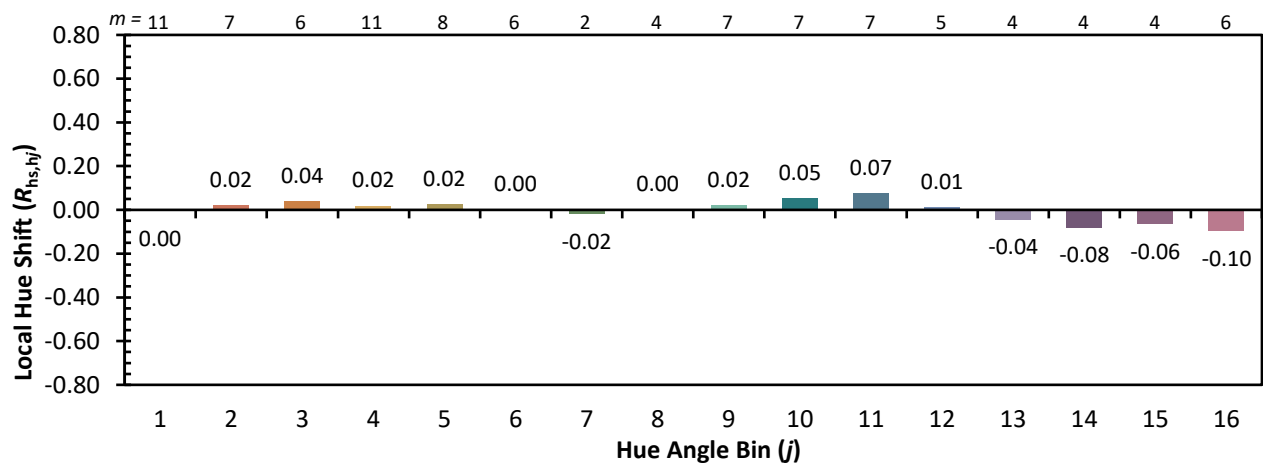
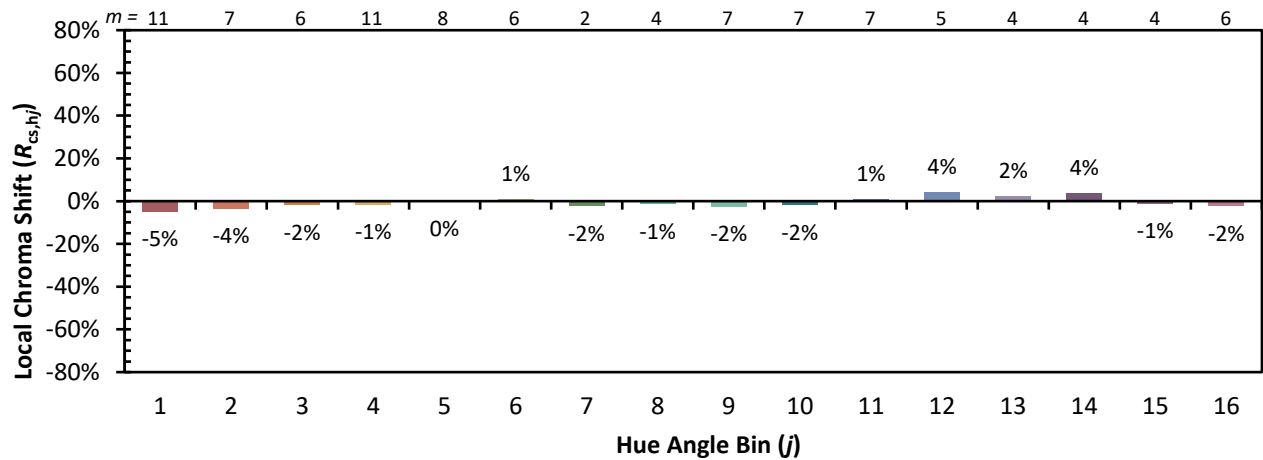


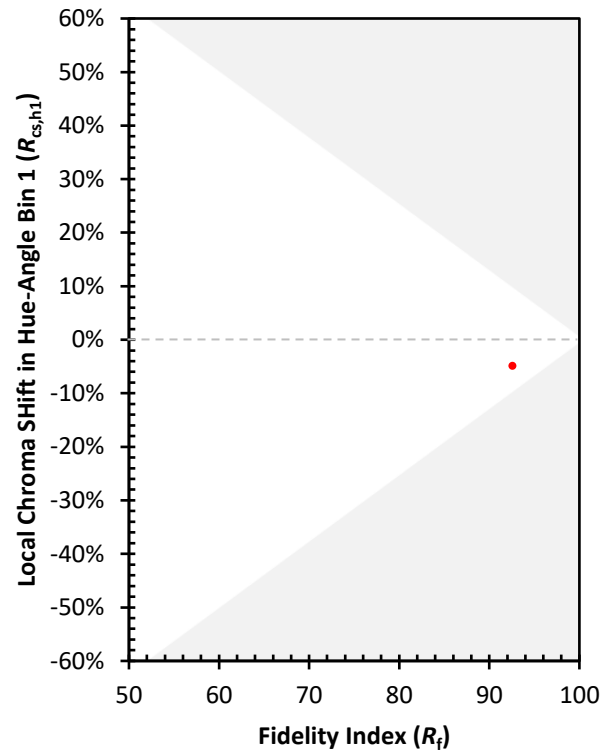
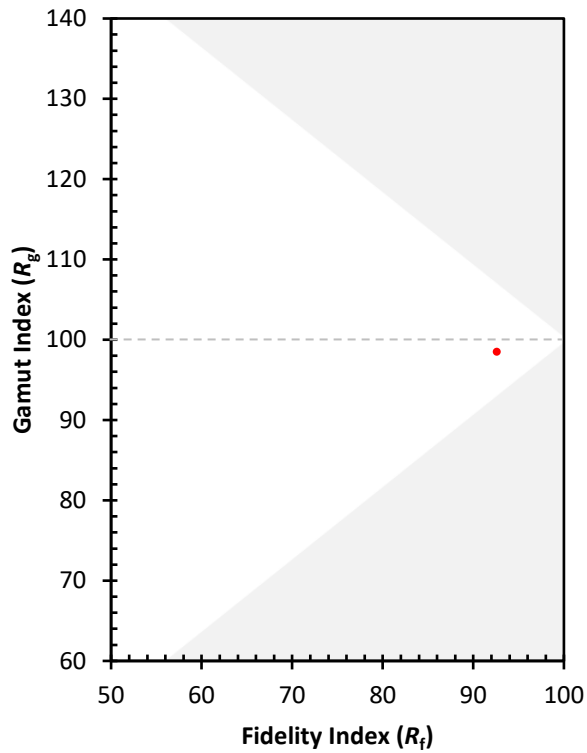
Individual Sample Fidelity Index ($R_{f,i}$)

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)