

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: P1049333

Luminaire Tested: **GALN-SA5A-930-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049333
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5A-930-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
90CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11210.4 lumens
Efficiency: N/A
Efficacy: 82.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 136.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

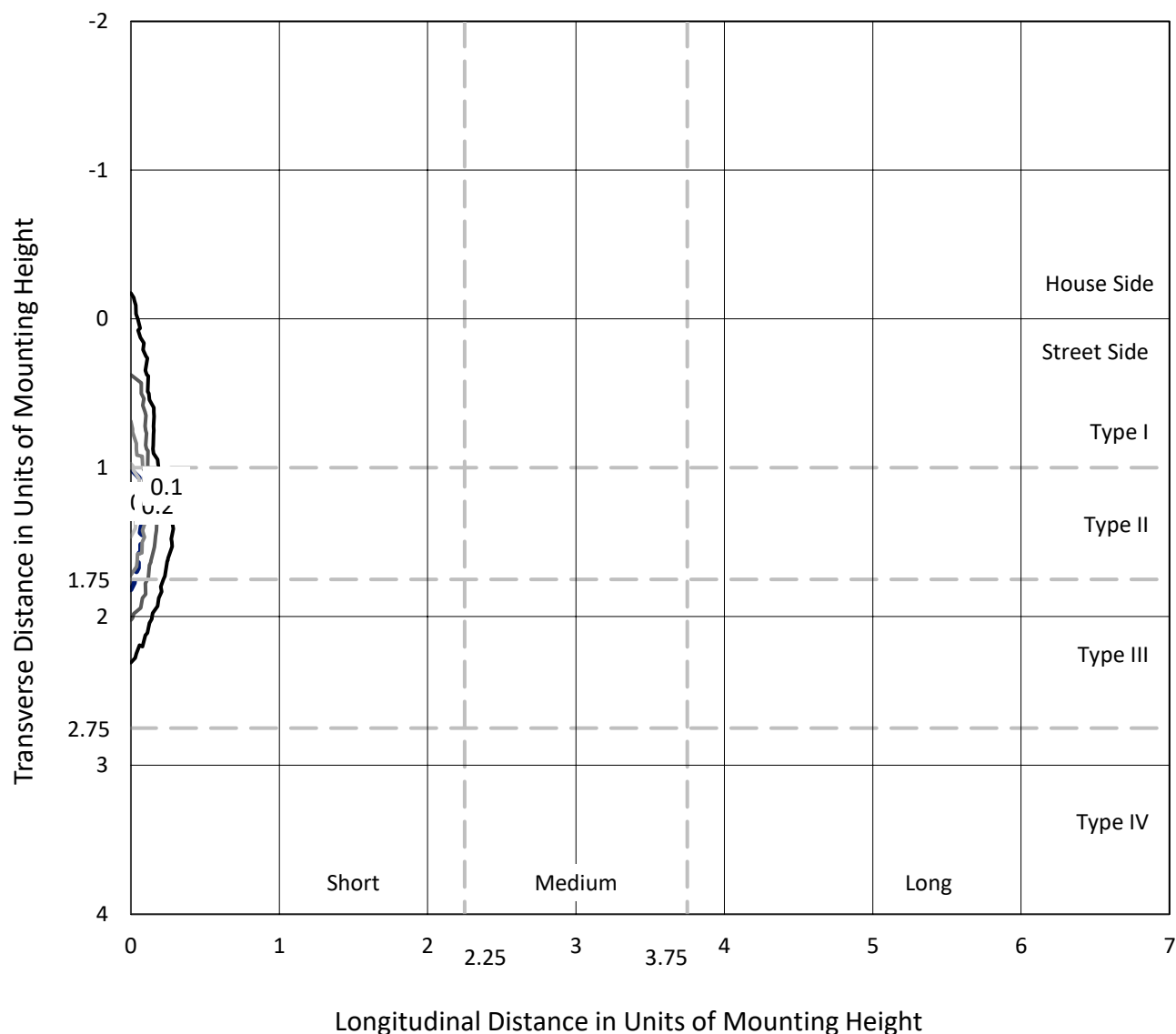
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

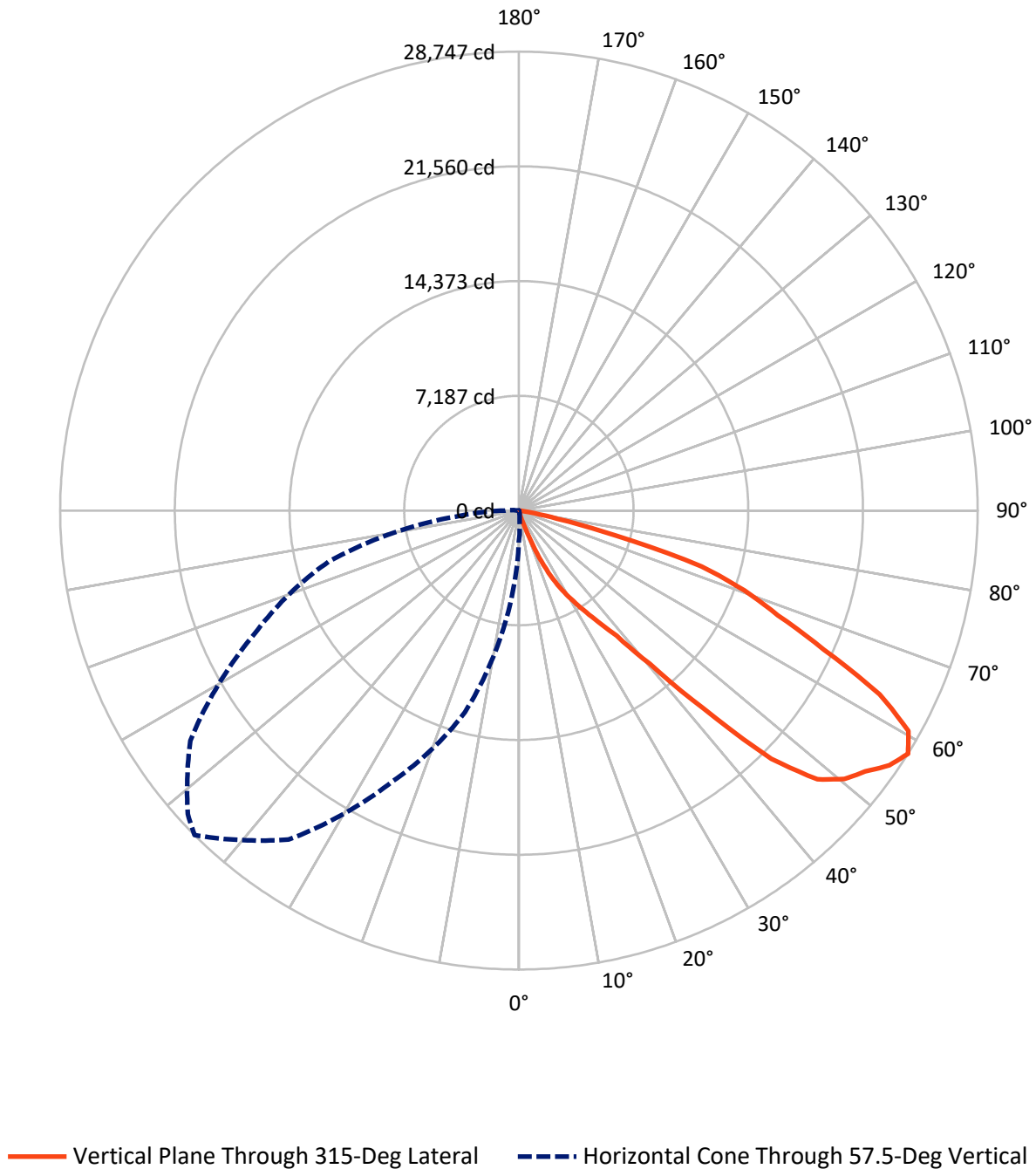


Based on 20 foot mounting height. Maximum calculated value = 1.7 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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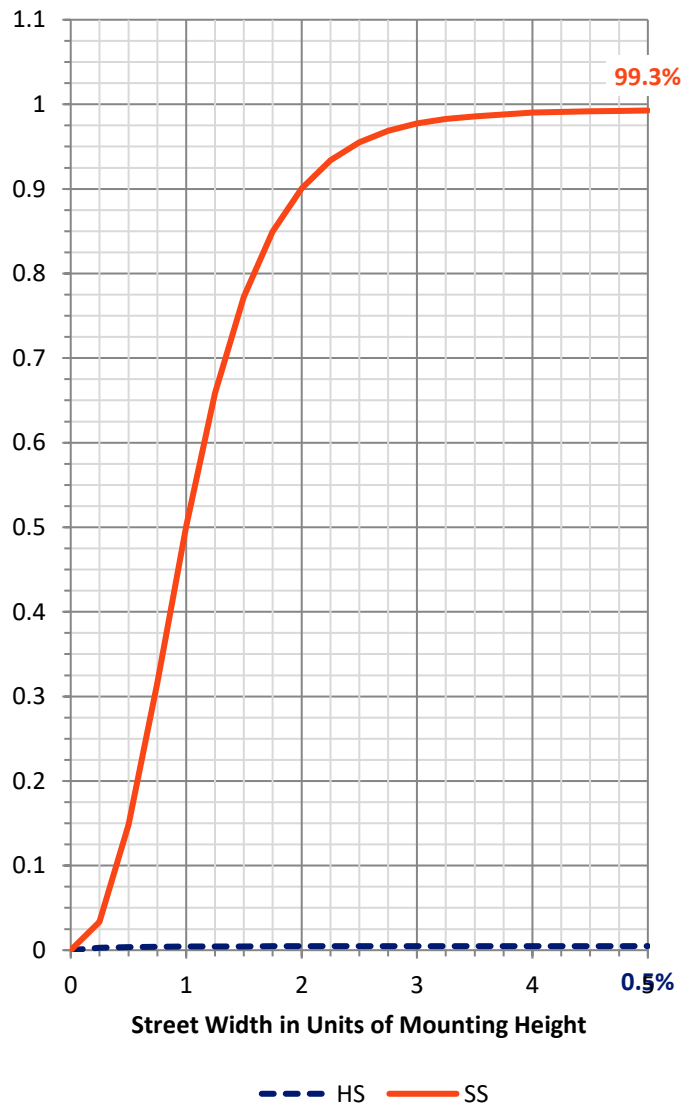
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	56.1	0.0	56.1
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	11154.2	0.0	11154.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	11210.4	0.0	11210.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.4	0.0
10°-20°	24.6	0.2
20°-30°	265.7	2.4
30°-40°	785.6	7.0
40°-50°	2341.4	20.9
50°-60°	3712.6	33.1
60°-70°	3099.1	27.6
70°-80°	955.7	8.5
80°-90°	21.2	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	11210.4	100.0
0°-180°	11210.4	100.0



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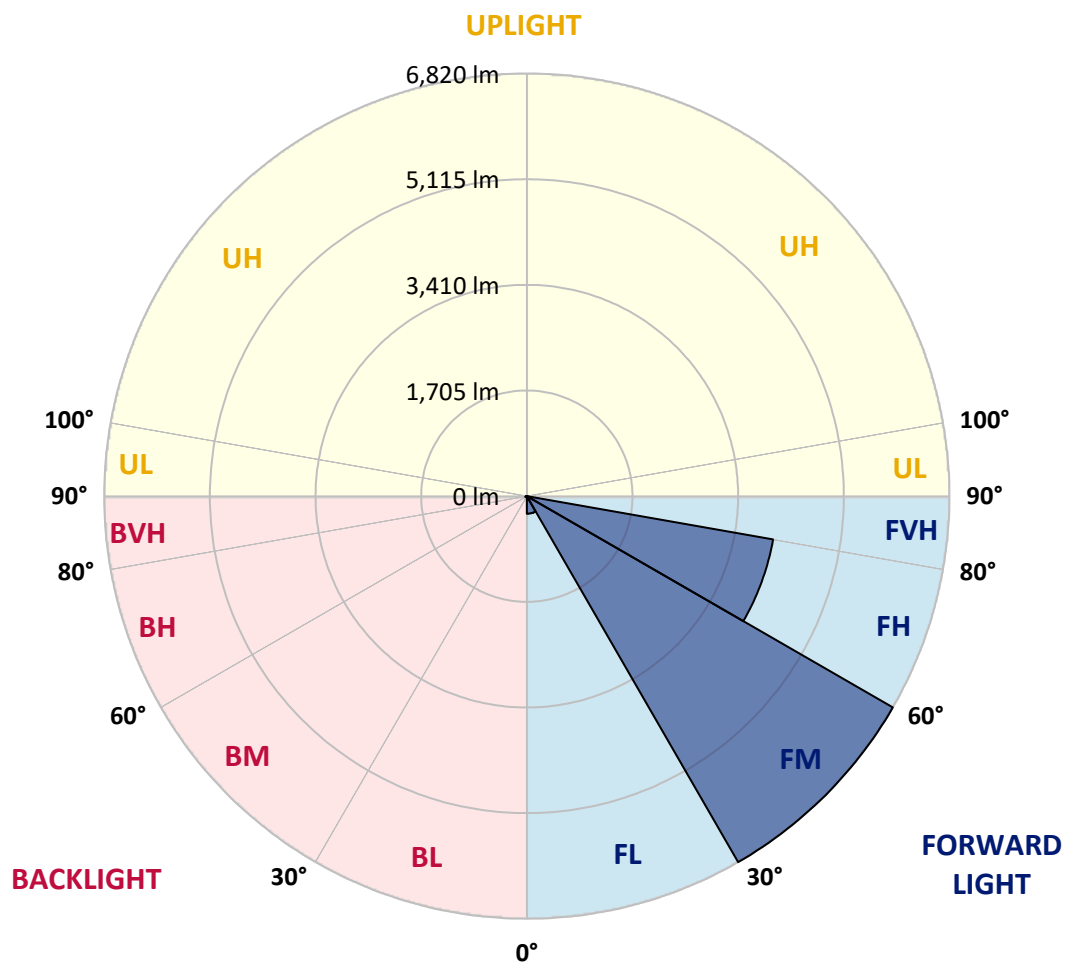
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	284.4	2.5			
FM	(30°-60°)	6819.6	60.8			
FH	(60°-80°)	4033.8	36.0			G2/5000
FVH	(80°-90°)	16.4	0.1			G1/100
BL	(0°-30°)	10.3	0.1	B0/110		
BM	(30°-60°)	20.1	0.2	B0/220		
BH	(60°-80°)	20.9	0.2	B0/110		G0/110
BVH	(80°-90°)	4.8	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
2.5°	44.9	44.9	44.9	44.9	44.1	44.1	43.2	43.2	42.4	42.4
5°	47.4	47.4	46.6	45.7	45.7	44.9	44.1	43.2	43.2	42.4
7.5°	51.7	50.8	50.0	49.1	47.4	46.6	44.9	44.1	43.2	41.5
10°	56.8	55.1	53.4	51.7	50.0	48.3	46.6	45.7	44.1	43.2
12.5°	63.5	61.0	57.6	55.1	53.4	50.8	49.1	47.4	44.9	43.2
15°	69.5	66.1	61.8	58.5	55.9	52.5	50.0	47.4	45.7	43.2
17.5°	77.9	72.0	65.2	61.0	57.6	53.4	49.1	46.6	44.1	40.7
20°	92.3	80.5	67.8	62.7	57.6	52.5	47.4	44.1	41.5	38.1
22.5°	115.2	94.9	74.5	66.9	60.1	52.5	45.7	42.4	39.0	35.6
25°	159.3	122.8	86.4	76.2	66.1	55.9	45.7	41.5	38.1	33.9
27.5°	211.8	157.6	102.5	88.1	74.5	60.1	45.7	40.7	36.4	31.3
30°	265.2	193.2	120.3	101.7	83.0	64.4	45.7	39.8	34.7	28.8
32.5°	316.0	226.2	135.5	113.5	91.5	68.6	46.6	39.8	33.0	26.3
35°	367.7	253.3	138.1	115.2	92.3	68.6	45.7	38.1	31.3	23.7
37.5°	433.7	283.8	133.0	110.1	88.1	65.2	43.2	36.4	29.7	22.0
40°	533.7	334.6	135.5	111.8	88.1	64.4	40.7	33.9	28.0	21.2
42.5°	718.4	432.9	146.6	119.4	92.3	64.4	37.3	31.3	26.3	20.3
45°	1241.9	719.2	196.5	155.9	115.2	74.5	33.9	28.8	24.6	19.5
47.5°	2054.4	1203.8	353.3	272.8	193.2	112.7	33.0	28.8	24.6	19.5
50°	2622.0	1533.4	444.8	342.3	239.7	137.2	34.7	29.7	25.4	20.3
52.5°	2617.7	1557.1	495.6	380.4	266.0	150.8	36.4	31.3	27.1	22.0
55°	2327.1	1416.4	504.9	388.0	271.9	155.0	39.0	33.9	28.8	23.7
57.5°	1945.1	1203.0	460.9	356.7	253.3	149.1	44.9	39.0	33.9	28.0
60°	1538.4	948.8	359.2	283.8	209.2	133.9	59.3	51.7	44.9	37.3
62.5°	1062.3	687.9	313.4	251.6	190.6	128.8	67.8	60.1	53.4	45.7
65°	751.4	517.6	283.0	230.4	178.8	126.2	73.7	65.2	57.6	49.1
67.5°	561.7	411.7	260.9	216.0	171.1	126.2	81.3	71.2	61.8	51.7
70°	430.4	338.0	244.8	208.4	172.8	136.4	100.0	85.6	72.0	57.6
72.5°	350.7	288.9	226.2	199.9	173.7	147.4	121.1	102.5	83.9	64.4
75°	290.6	247.4	204.2	182.1	161.0	138.9	116.9	100.0	83.9	66.9
77.5°	193.2	176.2	158.4	145.7	133.0	119.4	106.7	92.3	78.8	64.4
80°	67.8	65.2	62.7	67.8	72.9	77.9	83.0	72.9	63.5	53.4
82.5°	10.2	9.3	8.5	9.3	10.2	11.0	11.9	12.7	13.6	14.4
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°	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
0.0	2.5°	41.5	41.5	40.7	40.7	40.7	39.8	39.8	39.0	39.0	39.0
0.0	5°	40.7	40.7	39.8	39.0	38.1	38.1	37.3	36.4	36.4	35.6
0.0	7.5°	39.8	39.0	38.1	37.3	36.4	35.6	34.7	33.9	33.9	33.0
0.0	10°	40.7	39.0	38.1	36.4	35.6	34.7	33.0	32.2	31.3	31.3
0.0	12.5°	39.0	38.1	36.4	34.7	33.9	32.2	31.3	29.7	28.8	28.8
0.0	15°	39.0	37.3	34.7	33.0	31.3	30.5	28.8	27.1	26.3	25.4
0.0	17.5°	36.4	34.7	32.2	30.5	28.8	27.1	25.4	23.7	22.9	22.0
0.0	20°	33.0	31.3	28.8	26.3	24.6	22.9	21.2	19.5	18.6	17.8
0.0	22.5°	29.7	28.0	25.4	22.9	21.2	19.5	16.9	15.2	14.4	12.7
0.0	25°	28.0	25.4	22.9	20.3	17.8	16.1	13.6	11.0	9.3	7.6
0.0	27.5°	23.7	21.2	18.6	16.1	13.6	11.0	8.5	5.9	4.2	3.4
0.0	30°	20.3	17.8	15.2	12.7	9.3	6.8	4.2	0.8	0.8	0.8
0.0	32.5°	16.9	14.4	11.0	8.5	6.8	4.2	2.5	0.0	0.0	0.0
0.0	35°	13.6	11.0	7.6	5.1	4.2	2.5	1.7	0.0	0.0	0.0
0.0	37.5°	11.9	9.3	5.9	2.5	1.7	1.7	0.8	0.0	0.0	0.0
0.0	40°	11.0	7.6	4.2	0.8	0.8	0.8	0.0	0.0	0.0	0.0
0.0	42.5°	11.0	7.6	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	11.0	7.6	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	11.0	7.6	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	11.9	8.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	13.6	10.2	6.8	3.4	2.5	1.7	0.8	0.0	0.0	0.0
0.0	55°	16.9	15.2	12.7	11.0	8.5	5.9	2.5	0.0	0.0	0.0
0.0	57.5°	22.0	22.0	21.2	20.3	15.2	10.2	5.1	0.0	0.0	0.0
0.0	60°	29.7	29.7	29.7	29.7	22.0	15.2	7.6	0.0	0.0	0.0
0.0	62.5°	36.4	34.7	32.2	30.5	22.9	15.2	7.6	0.0	0.0	0.0
0.0	65°	36.4	33.0	28.8	24.6	18.6	12.7	5.9	0.0	0.0	0.0
0.0	67.5°	33.9	27.1	19.5	12.7	9.3	6.8	3.4	0.0	0.0	0.0
	70°	33.9	23.7	13.6	3.4	2.5	1.7	0.8	0.0	0.0	0.0
	72.5°	33.9	22.9	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	37.3	25.4	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	37.3	25.4	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	33.0	22.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	11.0	7.6	3.4	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°	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
0.0	2.5°	38.1	38.1	38.1	37.3	37.3	37.3	37.3	36.4	36.4	36.4
0.0	5°	34.7	34.7	33.9	33.9	33.0	33.0	32.2	32.2	31.3	31.3
0.0	7.5°	32.2	31.3	31.3	30.5	29.7	29.7	28.8	28.8	28.0	27.1
0.0	10°	29.7	28.8	28.8	28.0	27.1	26.3	26.3	25.4	24.6	23.7
0.0	12.5°	27.1	26.3	25.4	24.6	23.7	22.9	22.9	22.0	21.2	20.3
0.0	15°	23.7	22.9	22.0	21.2	20.3	19.5	19.5	18.6	17.8	16.9
0.0	17.5°	20.3	19.5	19.5	18.6	17.8	16.9	16.1	14.4	13.6	12.7
0.0	20°	15.2	14.4	13.6	12.7	11.9	10.2	9.3	7.6	5.9	5.1
0.0	22.5°	10.2	8.5	7.6	5.9	4.2	3.4	2.5	0.8	0.0	0.0
0.0	25°	3.4	2.5	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049333

CATALOG NUMBER: GALN-SA5A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049333

CATALOG NUMBER: GALN-SA5A-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°	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
0.0	2.5°	35.6	35.6	35.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7
0.0	5°	30.5	30.5	30.5	29.7	29.7	28.8	28.8	28.8	28.0	28.0
0.0	7.5°	26.3	25.4	25.4	24.6	24.6	23.7	23.7	23.7	22.9	22.9
0.0	10°	22.0	21.2	21.2	20.3	20.3	19.5	19.5	18.6	18.6	17.8
0.0	12.5°	19.5	18.6	17.8	16.9	16.9	16.1	15.2	15.2	14.4	13.6
0.0	15°	15.2	14.4	13.6	12.7	11.9	11.0	10.2	10.2	9.3	8.5
0.0	17.5°	10.2	8.5	7.6	6.8	6.8	5.9	5.1	4.2	3.4	2.5
0.0	20°	2.5	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049333

CATALOG NUMBER: GALN-SA5A-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°	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
0.0	2.5°	34.7	33.9	33.9	33.9	34.7	34.7	34.7	34.7	34.7	34.7
0.0	5°	28.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
0.0	7.5°	22.9	22.0	22.0	22.0	22.0	21.2	21.2	21.2	21.2	21.2
0.0	10°	17.8	16.9	16.9	16.9	16.9	16.1	16.1	16.1	16.1	16.1
0.0	12.5°	12.7	12.7	11.9	11.9	11.9	11.0	11.0	11.0	11.0	10.2
0.0	15°	7.6	6.8	5.9	5.9	5.9	5.1	5.1	5.1	5.1	4.2
0.0	17.5°	1.7	1.7	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA5A-930-U-RBC

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°	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
0.0	2.5°	35.6	35.6	36.4	36.4	37.3	39.0	39.8	40.7	42.4	44.1
0.0	5°	28.0	28.8	28.8	29.7	30.5	31.3	32.2	33.0	34.7	36.4
0.0	7.5°	22.0	22.0	22.9	22.9	23.7	25.4	26.3	27.1	28.8	31.3
0.0	10°	16.9	16.9	17.8	17.8	18.6	20.3	21.2	22.0	23.7	26.3
0.0	12.5°	11.0	11.9	11.9	12.7	13.6	15.2	16.1	16.9	18.6	20.3
0.0	15°	5.1	5.9	5.9	6.8	7.6	9.3	10.2	11.0	12.7	15.2
0.0	17.5°	0.8	0.8	1.7	1.7	2.5	3.4	4.2	5.1	7.6	9.3
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.4
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CATALOG NUMBER: GALN-SA5A-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°	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
0.0	2.5°	46.6	48.3	50.0	51.7	53.4	55.1	55.9	57.6	58.5	59.3
0.0	5°	39.8	41.5	44.1	45.7	47.4	49.1	50.8	51.7	52.5	53.4
0.0	7.5°	34.7	36.4	39.0	40.7	42.4	44.1	45.7	47.4	48.3	49.1
0.0	10°	29.7	32.2	33.9	36.4	38.1	39.8	41.5	43.2	44.9	45.7
0.0	12.5°	23.7	26.3	28.8	30.5	33.0	35.6	37.3	39.0	40.7	42.4
0.0	15°	18.6	21.2	23.7	25.4	28.0	30.5	33.0	34.7	36.4	38.1
0.0	17.5°	13.6	16.1	18.6	20.3	22.9	25.4	27.1	29.7	31.3	33.0
0.0	20°	6.8	9.3	11.9	14.4	16.9	19.5	21.2	23.7	25.4	27.1
0.0	22.5°	0.8	3.4	5.9	7.6	10.2	12.7	14.4	16.9	18.6	20.3
0.0	25°	0.0	0.8	2.5	3.4	4.2	5.9	7.6	9.3	11.0	12.7
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.8	1.7	3.4	5.1	6.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.7
	85°	0.0	0.0	0.0	0.0	0.0	1.7	2.5	4.2	5.1	5.9
	87.5°	0.0	0.8	1.7	2.5	3.4	5.1	6.8	8.5	9.3	10.2
	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: P1049333

CATALOG NUMBER: GALN-SA5A-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
49.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	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											
0.8											
3.4											
7.6											
11.0											
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REPORT NUMBER: P1049333

CATALOG NUMBER: GALN-SA5A-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°	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
0.0	2.5°	60.1	60.1	60.1	60.1	59.3	59.3	59.3	58.5	58.5	57.6
0.0	5°	55.1	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.1	55.1
0.0	7.5°	50.8	51.7	52.5	52.5	53.4	53.4	53.4	52.5	52.5	51.7
0.0	10°	48.3	49.1	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0
0.0	12.5°	44.9	45.7	46.6	46.6	47.4	47.4	47.4	47.4	46.6	46.6
0.0	15°	40.7	42.4	43.2	44.1	44.1	44.9	44.9	44.9	44.9	44.9
0.0	17.5°	37.3	39.0	39.8	40.7	40.7	41.5	41.5	42.4	42.4	42.4
0.0	20°	30.5	32.2	33.0	34.7	35.6	36.4	37.3	38.1	38.1	39.0
0.0	22.5°	23.7	25.4	26.3	28.0	28.8	29.7	30.5	31.3	32.2	33.0
0.0	25°	16.9	18.6	19.5	21.2	22.0	22.9	23.7	24.6	24.6	25.4
0.0	27.5°	9.3	11.0	12.7	13.6	15.2	16.1	16.9	17.8	18.6	19.5
0.0	30°	4.2	5.1	5.9	7.6	8.5	9.3	10.2	11.9	12.7	13.6
0.0	32.5°	0.0	0.0	0.8	2.5	3.4	4.2	5.1	5.9	5.9	6.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.7	2.5	3.4
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°	1.7	1.7	1.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5
	82.5°	4.2	5.1	5.9	5.9	6.8	6.8	6.8	6.8	5.9	5.9
	85°	8.5	9.3	10.2	10.2	11.0	11.0	11.0	11.0	11.0	11.0
	87.5°	11.9	12.7	13.6	13.6	14.4	14.4	14.4	14.4	14.4	14.4
	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: P1049333

CATALOG NUMBER: GALN-SA5A-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
49.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	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											
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2.5											
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REPORT NUMBER: P1049333

CATALOG NUMBER: GALN-SA5A-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°	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
0.0	2.5°	56.8	56.8	55.9	55.9	55.9	55.9	55.9	56.8	57.6	57.6
0.0	5°	54.2	54.2	53.4	53.4	53.4	54.2	54.2	55.1	55.9	56.8
0.0	7.5°	51.7	50.8	50.8	51.7	51.7	52.5	52.5	53.4	54.2	55.1
0.0	10°	50.0	49.1	49.1	49.1	50.0	50.0	50.8	51.7	52.5	53.4
0.0	12.5°	46.6	46.6	46.6	46.6	47.4	47.4	48.3	49.1	50.8	51.7
0.0	15°	44.9	44.1	44.1	44.1	44.1	44.9	44.9	46.6	48.3	49.1
0.0	17.5°	41.5	41.5	40.7	40.7	41.5	41.5	42.4	44.1	45.7	46.6
0.0	20°	38.1	37.3	36.4	36.4	37.3	37.3	38.1	39.8	41.5	42.4
0.0	22.5°	33.0	32.2	32.2	32.2	32.2	33.0	33.0	34.7	37.3	39.0
0.0	25°	26.3	27.1	27.1	28.0	28.0	28.8	29.7	31.3	33.9	35.6
0.0	27.5°	20.3	21.2	21.2	22.9	23.7	24.6	25.4	28.0	30.5	32.2
0.0	30°	15.2	16.1	16.9	17.8	19.5	21.2	22.9	25.4	28.0	29.7
0.0	32.5°	9.3	11.0	11.9	13.6	15.2	16.9	18.6	21.2	24.6	27.1
0.0	35°	6.8	7.6	9.3	10.2	11.9	13.6	15.2	18.6	21.2	24.6
0.0	37.5°	3.4	5.1	6.8	8.5	10.2	11.9	13.6	16.9	20.3	22.9
0.0	40°	2.5	4.2	5.1	6.8	9.3	11.0	12.7	16.1	19.5	22.9
0.0	42.5°	1.7	2.5	3.4	5.9	7.6	10.2	12.7	16.1	19.5	22.9
0.0	45°	1.7	1.7	2.5	5.1	7.6	11.0	13.6	16.9	19.5	22.9
0.0	47.5°	1.7	2.5	3.4	6.8	8.5	11.0	13.6	16.1	19.5	22.0
0.0	50°	2.5	3.4	4.2	7.6	9.3	11.9	13.6	16.9	19.5	22.9
0.0	52.5°	1.7	2.5	3.4	6.8	9.3	12.7	15.2	18.6	22.0	24.6
0.0	55°	0.8	0.8	0.8	5.1	10.2	14.4	19.5	22.0	25.4	28.0
0.0	57.5°	0.0	0.0	0.0	3.4	10.2	16.1	22.0	25.4	28.8	31.3
0.0	60°	0.0	0.0	0.0	3.4	10.2	16.1	22.0	26.3	30.5	34.7
0.0	62.5°	0.0	0.0	0.0	3.4	8.5	13.6	18.6	25.4	33.0	39.8
0.0	65°	0.0	0.0	0.0	2.5	6.8	11.0	15.2	25.4	35.6	44.9
0.0	67.5°	0.0	0.0	0.0	2.5	6.8	10.2	14.4	25.4	35.6	46.6
	70°	0.0	0.0	0.0	2.5	6.8	11.0	15.2	25.4	35.6	45.7
	72.5°	0.0	0.0	0.0	2.5	7.6	11.9	16.9	25.4	33.9	42.4
	75°	0.0	0.0	0.0	3.4	7.6	12.7	17.8	25.4	33.0	39.8
	77.5°	0.0	0.0	0.0	2.5	7.6	11.9	16.9	24.6	32.2	39.0
	80°	2.5	1.7	1.7	4.2	7.6	11.0	14.4	22.0	30.5	38.1
	82.5°	5.1	5.1	4.2	5.9	7.6	10.2	12.7	19.5	27.1	33.9
	85°	10.2	10.2	9.3	10.2	10.2	11.0	11.9	15.2	18.6	22.0
	87.5°	13.6	13.6	12.7	12.7	12.7	11.9	11.9	11.9	11.9	11.0
	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

REPORT NUMBER: P1049333

CATALOG NUMBER: GALN-SA5A-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
49.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.9											
50.8											
47.4											
46.6											
45.7											
40.7											
25.4											
11.0											
0.0											
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REPORT NUMBER: P1049333

CATALOG NUMBER: GALN-SA5A-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°	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
0.0	2.5°	59.3	60.1	60.1	61.0	61.8	62.7	62.7	63.5	63.5	63.5
0.0	5°	58.5	60.1	61.0	61.8	62.7	63.5	64.4	65.2	66.1	66.1
0.0	7.5°	57.6	58.5	60.1	61.0	62.7	63.5	65.2	66.1	66.9	67.8
0.0	10°	55.9	57.6	59.3	61.0	62.7	64.4	66.1	67.8	69.5	70.3
0.0	12.5°	54.2	56.8	58.5	60.1	62.7	65.2	66.9	69.5	71.2	72.9
0.0	15°	53.4	55.1	57.6	59.3	62.7	66.1	68.6	72.0	75.4	77.9
0.0	17.5°	50.8	54.2	56.8	59.3	62.7	66.9	70.3	73.7	78.8	83.9
0.0	20°	47.4	50.0	53.4	55.9	61.0	65.2	70.3	74.5	82.2	89.8
0.0	22.5°	44.1	47.4	50.0	53.4	59.3	64.4	70.3	75.4	88.1	100.0
0.0	25°	40.7	44.9	48.3	51.7	58.5	65.2	72.0	78.8	100.0	121.1
0.0	27.5°	39.0	42.4	46.6	50.0	58.5	67.8	76.2	84.7	118.6	151.6
0.0	30°	36.4	40.7	44.1	48.3	59.3	70.3	81.3	92.3	144.0	195.7
0.0	32.5°	33.9	38.1	42.4	46.6	61.0	75.4	89.0	103.4	171.1	238.1
0.0	35°	31.3	36.4	40.7	44.9	63.5	83.0	101.7	120.3	195.7	270.2
0.0	37.5°	30.5	35.6	39.8	44.1	64.4	83.9	104.2	123.7	198.2	272.8
0.0	40°	31.3	35.6	40.7	44.9	61.8	78.8	94.9	111.8	189.8	266.9
0.0	42.5°	31.3	36.4	41.5	46.6	60.1	73.7	87.3	100.8	187.2	273.6
0.0	45°	30.5	35.6	40.7	45.7	58.5	70.3	83.0	94.9	202.5	309.2
0.0	47.5°	29.7	34.7	39.8	44.9	57.6	70.3	83.0	95.7	261.8	427.0
0.0	50°	29.7	34.7	39.0	43.2	58.5	74.5	89.8	105.0	381.2	656.5
0.0	52.5°	31.3	35.6	39.0	42.4	60.1	78.8	96.6	114.4	484.6	853.9
0.0	55°	33.9	36.4	39.8	42.4	64.4	85.6	107.6	128.8	515.9	903.1
0.0	57.5°	37.3	39.8	42.4	44.9	72.0	99.1	125.4	152.5	518.5	883.6
0.0	60°	41.5	44.9	47.4	50.0	78.8	108.4	137.2	166.0	469.3	771.8
0.0	62.5°	50.8	55.1	58.5	62.7	90.6	117.8	145.7	172.8	389.7	606.6
0.0	65°	58.5	61.8	65.2	68.6	95.7	123.7	150.8	177.9	330.4	482.9
0.0	67.5°	60.1	63.5	66.1	69.5	97.4	125.4	152.5	180.4	283.0	384.6
	70°	61.0	65.2	70.3	74.5	103.4	132.2	160.1	188.9	250.8	312.6
	72.5°	58.5	66.9	74.5	82.2	109.3	135.5	162.7	188.9	233.0	277.0
	75°	58.5	70.3	81.3	92.3	112.7	132.2	152.5	172.0	205.9	239.7
	77.5°	61.8	77.1	92.3	107.6	119.4	130.5	142.3	153.3	175.4	197.4
	80°	61.8	77.9	93.2	109.3	114.4	120.3	125.4	130.5	133.0	135.5
	82.5°	53.4	66.1	78.8	91.5	85.6	79.6	73.7	67.8	63.5	58.5
	85°	27.1	29.7	31.3	33.0	30.5	28.0	25.4	22.9	21.2	18.6
	87.5°	11.0	11.0	10.2	10.2	10.2	10.2	9.3	9.3	9.3	9.3
	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: P1049333

CATALOG NUMBER: GALN-SA5A-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
49.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
339.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
424.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
482.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
525.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
568.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
653.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
822.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1253.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1920.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2417.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2472.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2231.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1907.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1491.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1126.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
831.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
588.8											
438.0											
318.5											
239.7											
134.7											
61.0											
17.8											
8.5											
0.0											
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REPORT NUMBER: P1049333

CATALOG NUMBER: GALN-SA5A-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°	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
0.0	2.5°	63.5	62.7	62.7	61.8	61.0	60.1	59.3	58.5	57.6	56.8
0.0	5°	66.1	66.1	66.1	65.2	65.2	64.4	64.4	63.5	62.7	61.8
0.0	7.5°	68.6	69.5	69.5	70.3	70.3	70.3	70.3	69.5	69.5	69.5
0.0	10°	72.9	73.7	74.5	75.4	76.2	77.1	77.1	77.9	77.9	77.9
0.0	12.5°	77.9	80.5	82.2	84.7	86.4	89.0	90.6	93.2	94.9	96.6
0.0	15°	85.6	89.8	94.9	99.1	103.4	109.3	116.1	122.0	127.9	137.2
0.0	17.5°	96.6	110.1	123.7	136.4	149.9	179.6	209.2	238.1	267.7	310.9
0.0	20°	117.8	158.4	198.2	238.9	278.7	382.9	486.3	590.5	693.8	804.8
0.0	22.5°	165.2	265.2	365.1	465.1	565.1	782.8	999.6	1217.4	1434.2	1689.2
0.0	25°	239.7	423.6	607.4	790.4	974.2	1314.8	1656.2	1996.8	2337.3	2668.5
0.0	27.5°	349.0	630.3	911.5	1192.0	1473.2	1934.9	2397.5	2859.2	3320.9	3695.3
0.0	30°	483.7	864.9	1246.2	1627.4	2008.6	2533.8	3059.1	3583.5	4108.7	4517.9
0.0	32.5°	610.8	1077.6	1544.4	2010.3	2477.1	3075.2	3674.1	4272.2	4870.3	5317.6
0.0	35°	693.8	1258.0	1823.1	2387.3	2951.5	3598.7	4246.0	4892.3	5539.6	6050.4
0.0	37.5°	776.8	1428.3	2078.9	2730.4	3381.0	4091.8	4802.5	5513.3	6224.1	6855.2
0.0	40°	870.0	1634.2	2397.5	3161.6	3924.9	4767.0	5608.2	6450.3	7291.5	8181.8
0.0	42.5°	1031.8	1975.6	2920.2	3863.9	4807.6	5921.6	7035.6	8148.8	9262.8	10533.6
0.0	45°	1336.0	2666.0	3996.9	5326.9	6657.0	8132.7	9609.3	11085.1	12560.8	14251.7
0.0	47.5°	2080.6	3910.5	5739.5	7569.4	9398.4	10991.9	12584.5	14178.0	15770.7	17454.8
0.0	50°	3183.6	5313.4	7443.1	9572.0	11701.8	13143.7	14584.7	16026.5	17467.5	19069.5
0.0	52.5°	3981.6	6200.3	8419.9	10638.6	12857.3	14158.5	15460.6	16761.9	18063.1	19560.0
0.0	55°	4041.8	6247.8	8454.6	10660.6	12866.6	14173.8	15481.0	16788.1	18095.3	19682.0
0.0	57.5°	3578.4	5766.6	7954.0	10142.2	12329.5	13818.0	15305.6	16794.1	18281.7	19997.2
0.0	60°	3043.8	5232.9	7421.1	9610.2	11798.4	13513.0	15228.5	16943.2	18657.8	20264.9
0.0	62.5°	2374.6	4626.3	6878.9	9130.7	11382.4	13123.3	14864.2	16604.3	18345.2	19550.7
0.0	65°	1769.7	3956.2	6142.7	8328.4	10514.9	11909.3	13303.8	14697.3	16091.8	16838.1
0.0	67.5°	1279.2	3165.0	5049.9	6935.7	8820.6	9818.6	10816.5	11813.6	12811.6	13382.5
	70°	864.9	2171.3	3476.7	4783.1	6088.5	6908.6	7729.5	8549.5	9369.6	10140.5
	72.5°	598.9	1332.6	2067.1	2800.7	3534.3	4359.5	5183.8	6008.9	6833.2	7649.0
	75°	397.3	731.1	1065.7	1399.5	1733.3	2344.1	2955.7	3566.5	4177.3	4663.6
	77.5°	282.1	382.1	482.9	582.8	682.8	797.2	912.4	1026.8	1141.1	1314.8
	80°	133.9	146.6	159.3	171.1	183.8	225.3	266.9	308.4	349.9	393.9
	82.5°	63.5	68.6	73.7	77.9	83.0	87.3	91.5	95.7	100.0	95.7
	85°	16.9	16.9	17.8	17.8	17.8	17.8	17.8	17.8	17.8	16.9
	87.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	6.8	6.8	5.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA5A-930-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
49.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
353.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
916.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1944.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2999.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4069.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4927.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5765.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6561.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7487.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9072.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11804.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15942.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19139.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20671.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21056.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21269.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21712.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21871.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20757.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17585.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13954.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10910.5											
8464.8											
5149.9											
1488.5											
438.0											
90.6											
16.1											
5.9											
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°	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
0.0	2.5°	55.1	54.2	53.4	52.5	51.7	50.0	50.0	49.1	49.1
0.0	5°	60.1	59.3	58.5	57.6	57.6	56.8	55.9	55.9	55.1
0.0	7.5°	68.6	67.8	66.9	66.1	66.1	65.2	65.2	64.4	64.4
0.0	10°	78.8	78.8	78.8	78.8	78.8	77.9	77.9	77.9	77.1
0.0	12.5°	99.1	100.0	101.7	103.4	105.9	105.9	105.9	105.0	105.0
0.0	15°	156.7	166.0	172.8	179.6	185.5	199.1	197.4	194.8	193.2
0.0	17.5°	396.5	438.8	461.7	483.7	506.6	569.3	559.1	549.0	539.6
0.0	20°	1027.6	1138.6	1212.3	1286.0	1360.5	1478.3	1449.5	1420.7	1391.9
0.0	22.5°	2198.4	2453.4	2564.3	2675.3	2785.5	2927.8	2835.4	2743.1	2651.6
0.0	25°	3330.2	3661.4	3848.6	4035.9	4222.2	4303.6	4183.3	4062.1	3941.8
0.0	27.5°	4444.2	4818.6	4983.8	5148.2	5313.4	5483.7	5334.6	5184.6	5035.5
0.0	30°	5337.1	5746.3	5925.0	6102.9	6281.7	6400.3	6246.1	6091.1	5936.9
0.0	32.5°	6213.1	6660.4	6856.0	7051.7	7246.6	7416.9	7227.1	7036.5	6846.7
0.0	35°	7071.2	7582.1	7851.5	8120.9	8390.2	8548.7	8323.3	8097.1	7871.8
0.0	37.5°	8118.3	8749.4	9051.0	9352.6	9654.2	9943.1	9694.9	9445.8	9197.6
0.0	40°	9962.6	10852.9	11315.5	11778.9	12241.4	12614.2	12300.7	11987.3	11673.8
0.0	42.5°	13075.0	14345.8	15010.8	15675.0	16340.0	16922.0	16592.4	16262.9	15933.3
0.0	45°	17633.6	19324.5	20135.2	20945.1	21755.9	22181.1	21706.7	21231.5	20757.1
0.0	47.5°	20822.3	22506.4	23228.2	23950.0	24671.8	25157.2	24576.9	23996.6	23417.1
0.0	50°	22272.6	23874.6	24598.9	25322.4	26046.7	26432.2	25762.1	25091.1	24421.0
0.0	52.5°	22553.0	24050.0	24914.1	25779.0	26643.1	27158.2	26366.9	25574.8	24783.6
0.0	55°	22856.3	24443.0	25445.2	26448.3	27450.4	28163.8	27269.2	26373.7	25479.1
0.0	57.5°	23427.3	25142.8	26142.4	27141.2	28140.9	28746.6	27849.5	26951.5	26054.3
0.0	60°	23478.1	25084.3	25943.4	26803.2	27662.2	28043.5	27185.3	26326.3	25468.1
0.0	62.5°	21962.6	23168.1	23764.5	24360.9	24957.3	25371.5	24476.1	23579.8	22684.3
0.0	65°	18331.6	19078.0	19553.2	20028.5	20503.8	20997.6	20177.6	19357.6	18537.5
0.0	67.5°	14525.4	15096.3	15722.4	16348.4	16974.5	17502.3	16845.7	16188.3	15531.8
	70°	11681.5	12451.5	13155.5	13859.5	14563.5	14995.5	14336.4	13676.5	13017.4
	72.5°	9280.6	10096.4	10684.4	11271.4	11859.4	11965.3	11480.7	10996.1	10512.4
	75°	5635.3	6121.6	6133.4	6144.4	6156.3	6257.1	5855.6	5454.0	5053.3
	77.5°	1662.1	1835.8	1979.0	2121.3	2264.5	2437.3	2289.9	2141.6	1994.2
	80°	481.2	525.2	562.5	598.9	636.2	614.2	579.5	544.7	510.0
	82.5°	86.4	81.3	80.5	79.6	79.6	75.4	68.6	61.8	55.1
	85°	15.2	14.4	13.6	12.7	11.9	11.0	9.3	8.5	6.8
	87.5°	5.1	4.2	3.4	2.5	2.5	0.8	0.8	0.8	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049333

CATALOG NUMBER: GALN-SA5A-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°	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
0.0	0.0	2.5°	48.3	47.4	47.4	47.4	47.4	46.6	46.6	46.6	46.6
0.0	0.0	5°	53.4	53.4	52.5	52.5	51.7	51.7	50.8	50.8	50.0
0.0	0.0	7.5°	62.7	61.8	61.0	60.1	59.3	57.6	56.8	55.9	55.9
0.0	0.0	10°	75.4	73.7	72.9	71.2	70.3	68.6	66.9	65.2	63.5
0.0	0.0	12.5°	99.1	95.7	93.2	89.8	86.4	83.9	80.5	77.9	74.5
0.0	0.0	15°	172.0	163.5	154.2	143.2	131.3	120.3	108.4	101.7	94.0
0.0	0.0	17.5°	439.7	395.6	350.7	314.3	277.9	242.3	205.9	179.6	153.3
0.0	0.0	20°	1119.1	997.1	875.1	754.8	633.7	513.4	392.2	331.2	270.2
0.0	0.0	22.5°	2106.0	1879.8	1652.8	1433.4	1213.1	993.7	774.3	636.2	499.0
0.0	0.0	25°	3250.5	2965.9	2681.3	2320.4	1958.6	1597.7	1236.9	1012.4	787.9
0.0	0.0	27.5°	4229.9	3902.0	3574.2	3135.3	2696.5	2257.7	1818.8	1484.2	1150.4
0.0	0.0	30°	5077.9	4725.4	4373.0	3862.2	3351.4	2840.5	2329.7	1911.2	1492.7
0.0	0.0	32.5°	5813.2	5391.3	4969.4	4442.5	3915.6	3388.6	2861.7	2348.3	1834.9
0.0	0.0	35°	6661.2	6169.0	5676.0	5091.4	4506.0	3921.5	3337.0	2757.5	2177.2
0.0	0.0	37.5°	7738.8	7134.8	6529.9	5878.4	5227.0	4576.3	3924.9	3262.4	2599.9
0.0	0.0	40°	9801.6	9022.2	8242.8	7415.2	6586.7	5759.0	4931.3	4118.0	3304.8
0.0	0.0	42.5°	13497.8	12444.7	11391.7	10290.4	9188.3	8087.0	6984.8	5837.8	4689.9
0.0	0.0	45°	17669.2	16362.8	15055.7	13819.7	12582.8	11346.8	10110.8	8536.8	6962.8
0.0	0.0	47.5°	20014.9	18604.4	17193.9	16024.0	14854.1	13684.1	12514.2	10817.4	9120.5
0.0	0.0	50°	20878.2	19442.3	18006.3	16929.6	15852.0	14775.3	13697.7	11998.3	10298.0
0.0	0.0	52.5°	21062.0	19597.3	18132.6	17049.0	15965.5	14882.9	13799.4	12111.0	10422.6
0.0	0.0	55°	21439.9	19868.4	18296.1	17060.9	15825.8	14590.6	13355.4	11639.9	9924.5
0.0	0.0	57.5°	21933.8	20322.5	18711.2	17304.0	15896.9	14490.6	13083.5	11207.9	9332.3
0.0	0.0	60°	21804.1	20402.1	18999.2	17492.1	15984.2	14477.1	12969.1	10906.3	8842.6
0.0	0.0	62.5°	19554.1	18437.5	17320.1	16080.7	14840.5	13601.1	12361.7	10237.9	8114.1
0.0	0.0	65°	16086.7	15271.7	14456.7	13459.6	12461.7	11464.6	10467.5	8563.1	6659.5
0.0	0.0	67.5°	13037.8	12119.4	11200.3	10405.6	9610.2	8815.5	8020.0	6521.4	5022.8
		70°	10358.2	9359.4	8359.8	7583.8	6806.9	6030.9	5254.9	4258.7	3263.3
		72.5°	8225.9	7325.4	6424.8	5597.2	4768.7	3941.0	3112.5	2523.7	1934.9
		75°	3931.7	3571.6	3211.6	2778.7	2345.8	1912.9	1480.0	1223.3	967.5
		77.5°	1457.1	1263.1	1068.3	892.1	715.8	540.5	364.3	333.8	303.3
		80°	377.0	328.7	279.6	244.8	209.2	174.5	139.8	126.2	113.5
		82.5°	43.2	39.8	37.3	35.6	33.0	31.3	28.8	26.3	23.7
		85°	2.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA5A-930-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049333

CATALOG NUMBER: GALN-SA5A-930-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	49.1	49.1
0.0	0.0	2.5°	45.7	44.9
0.0	0.0	5°	48.3	47.4
0.0	0.0	7.5°	53.4	51.7
0.0	0.0	10°	58.5	56.8
0.0	0.0	12.5°	66.1	63.5
0.0	0.0	15°	74.5	69.5
0.0	0.0	17.5°	89.0	77.9
0.0	0.0	20°	120.3	92.3
0.0	0.0	22.5°	169.4	115.2
0.0	0.0	25°	249.1	159.3
0.0	0.0	27.5°	346.5	211.8
0.0	0.0	30°	460.9	265.2
0.0	0.0	32.5°	561.7	316.0
0.0	0.0	35°	693.0	367.7
0.0	0.0	37.5°	854.8	433.7
0.0	0.0	40°	1105.5	533.7
0.0	0.0	42.5°	1557.1	718.4
0.0	0.0	45°	2528.8	1241.9
0.0	0.0	47.5°	3891.0	2054.4
0.0	0.0	50°	4760.2	2622.0
0.0	0.0	52.5°	4831.3	2617.7
0.0	0.0	55°	4410.3	2327.1
0.0	0.0	57.5°	3763.1	1945.1
0.0	0.0	60°	3127.7	1538.4
0.0	0.0	62.5°	2464.4	1062.3
0.0	0.0	65°	1801.1	751.4
0.0	0.0	67.5°	1293.6	561.7
		70°	850.5	430.4
		72.5°	554.0	350.7
		75°	372.7	290.6
		77.5°	217.7	193.2
		80°	77.1	67.8
		82.5°	14.4	10.2
		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: P1049333

CATALOG NUMBER: GALN-SA5A-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

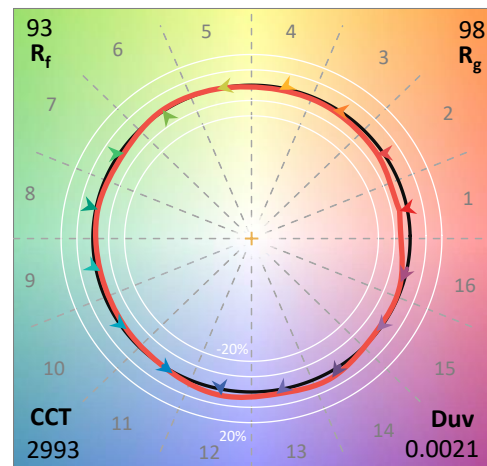
Test Information

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

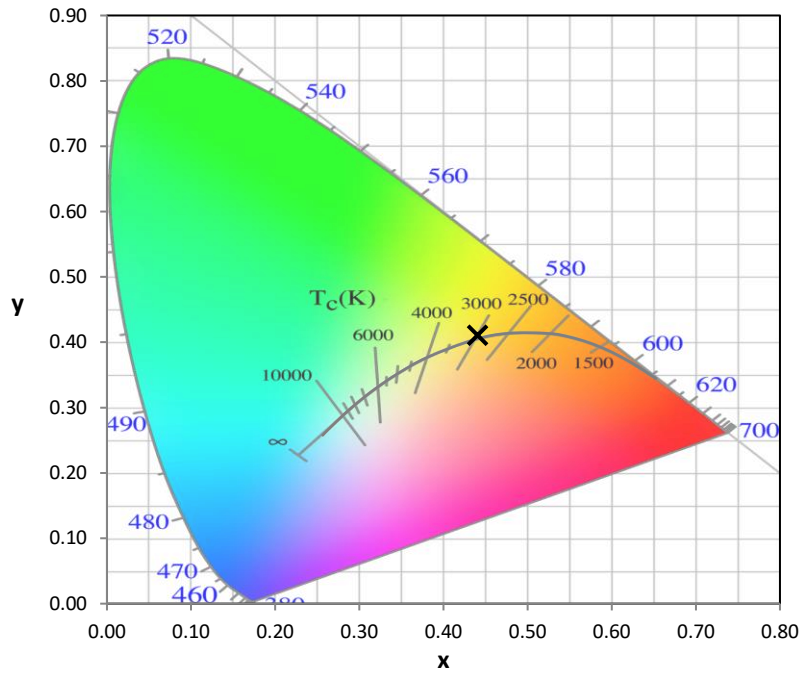
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

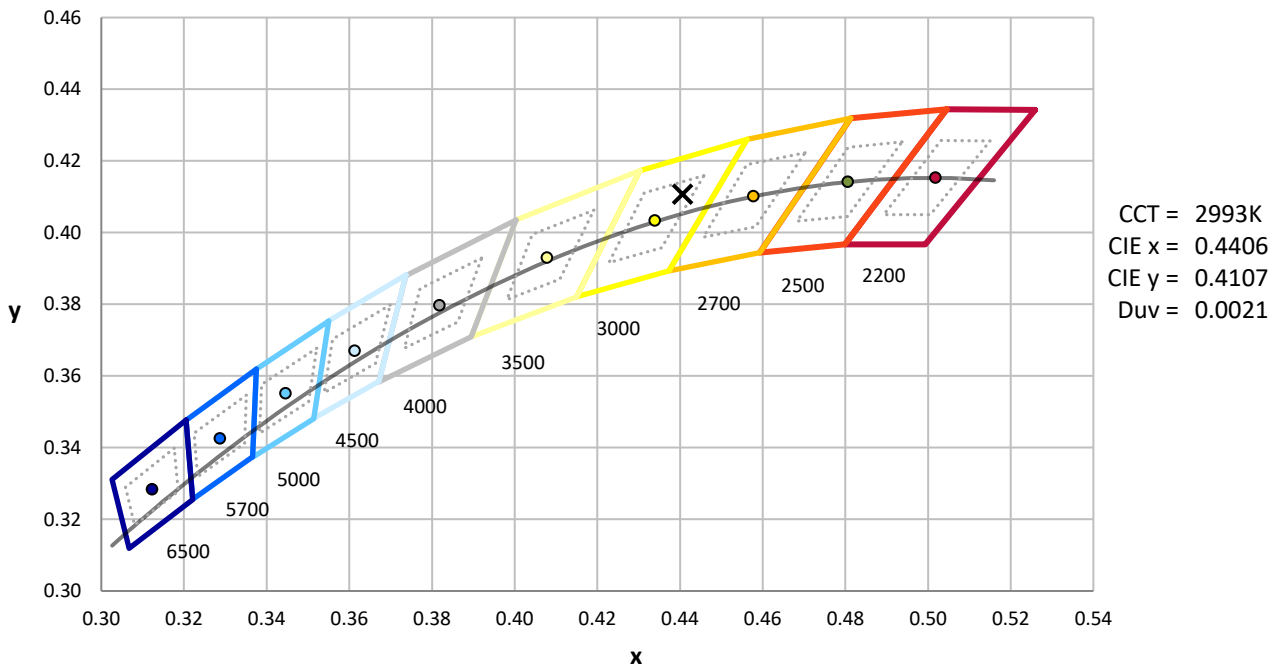
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



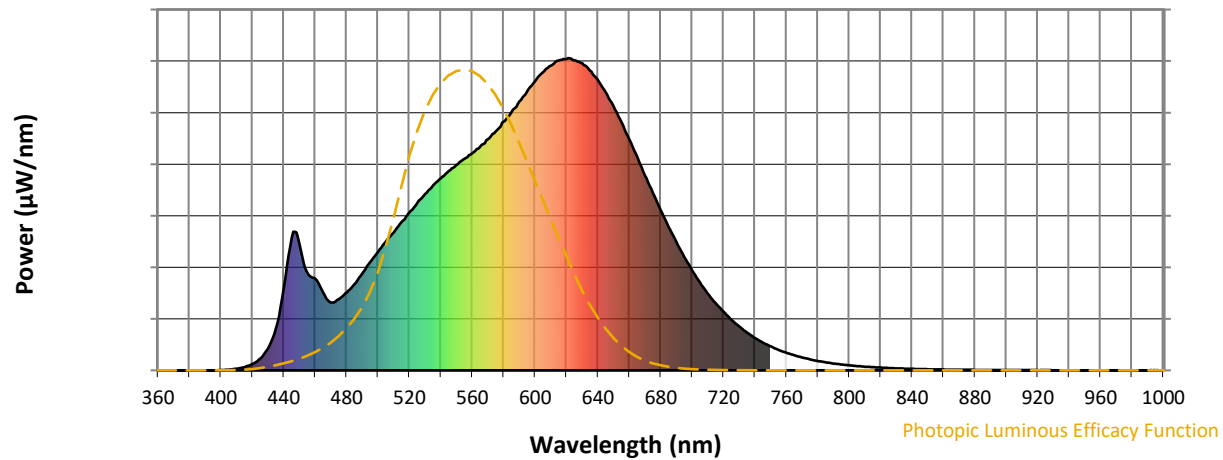
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

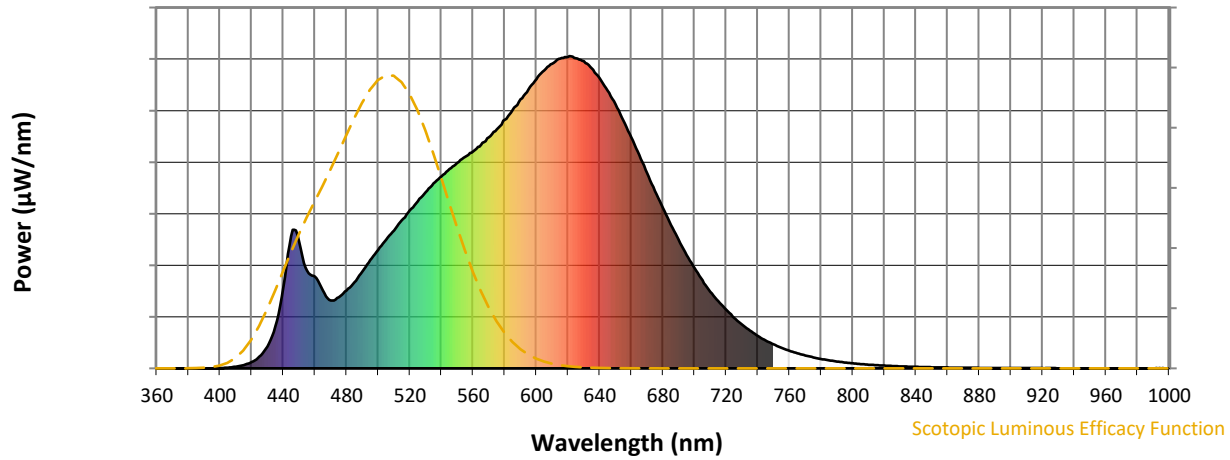


Photopic Lumens: NR

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



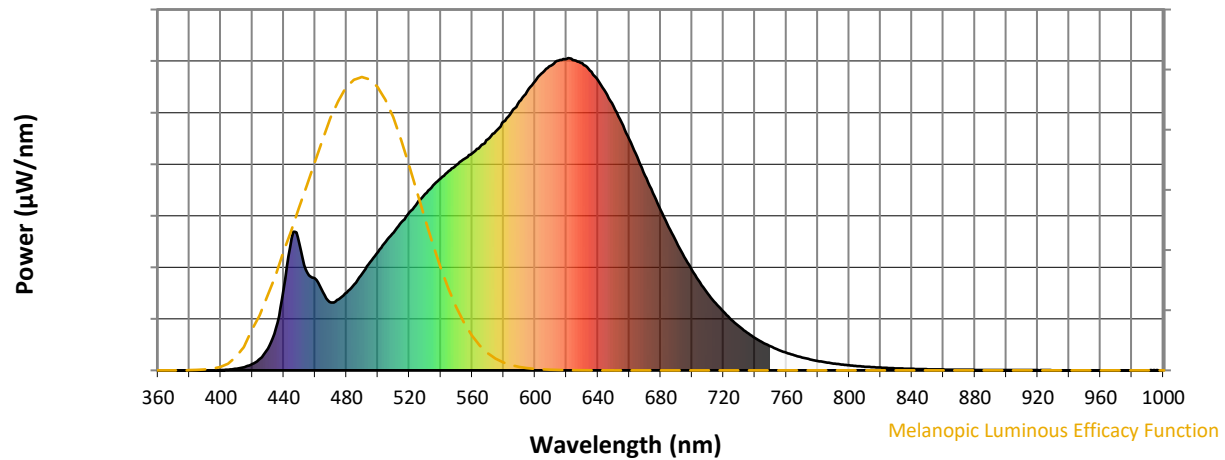
Scotopic Lumens: NR

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

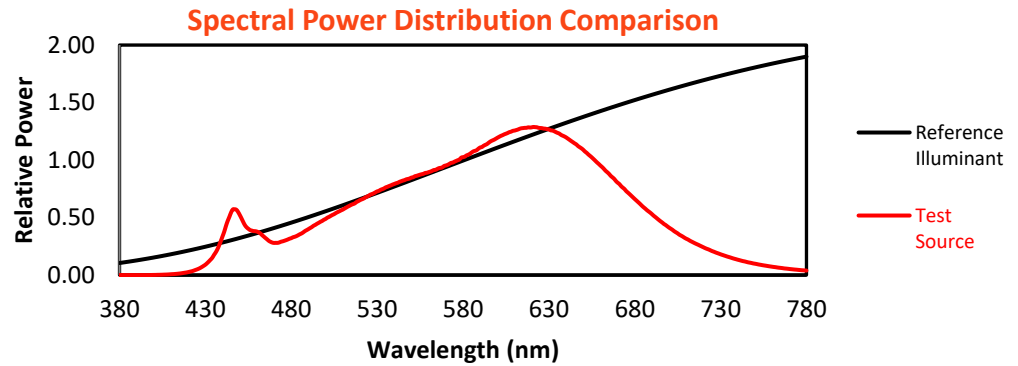
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	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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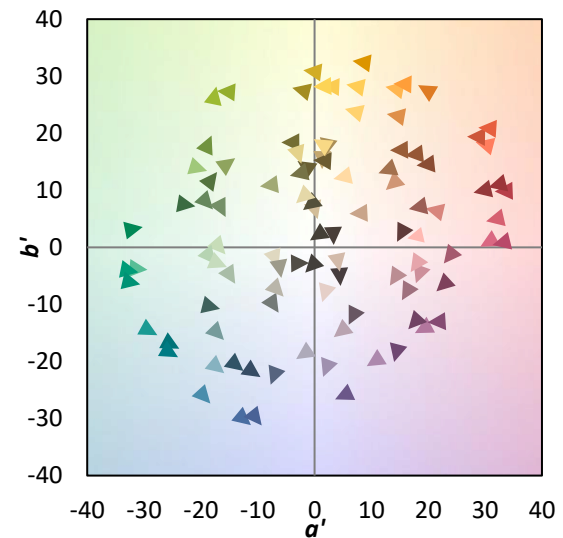
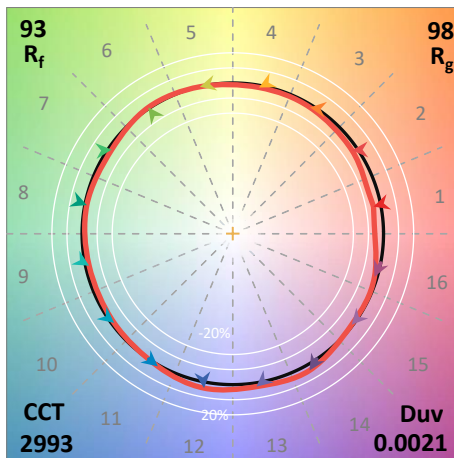
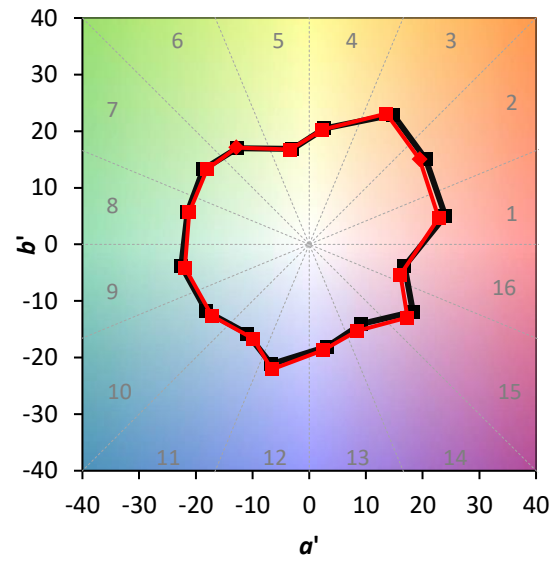
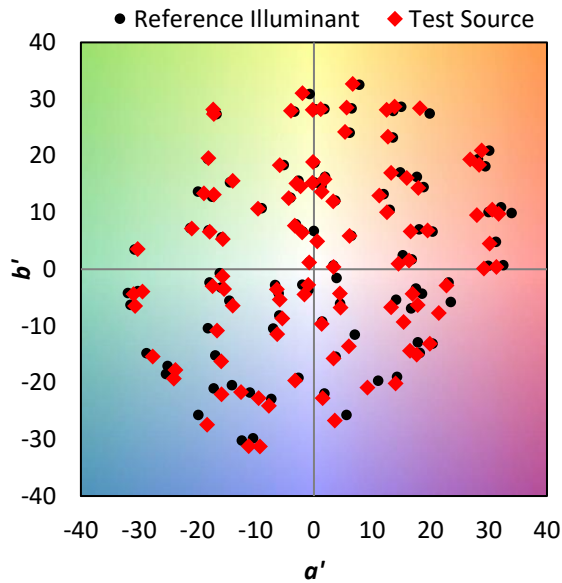
TM-30-18

Summary

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

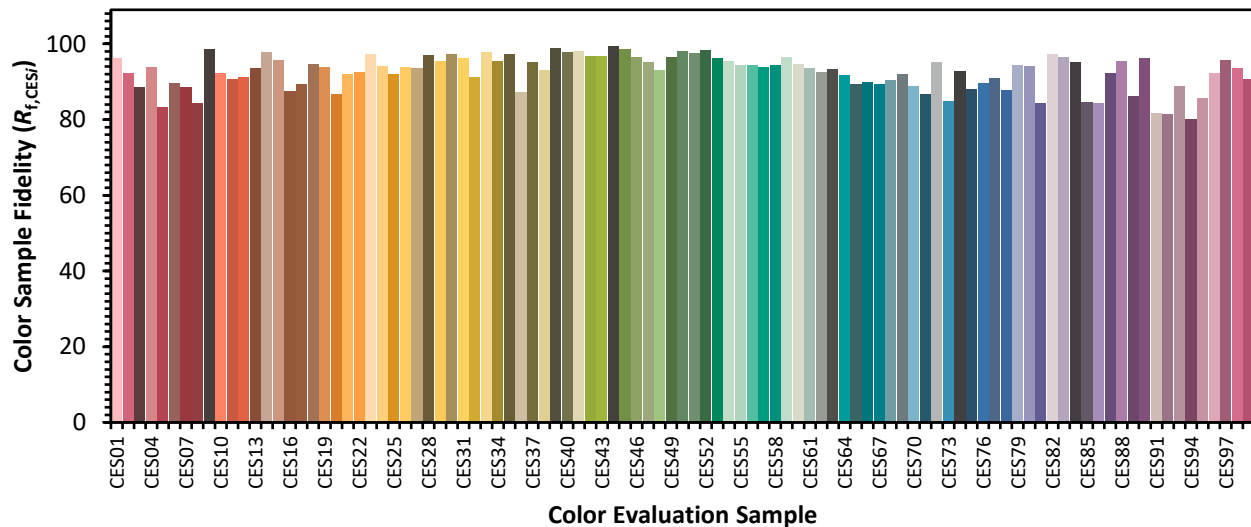


Color Vector Graphics

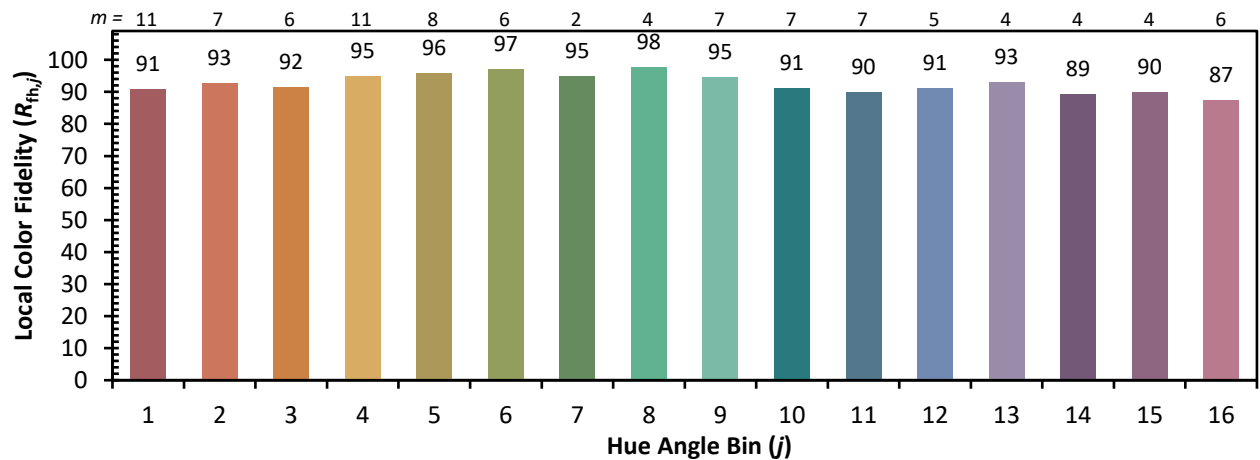
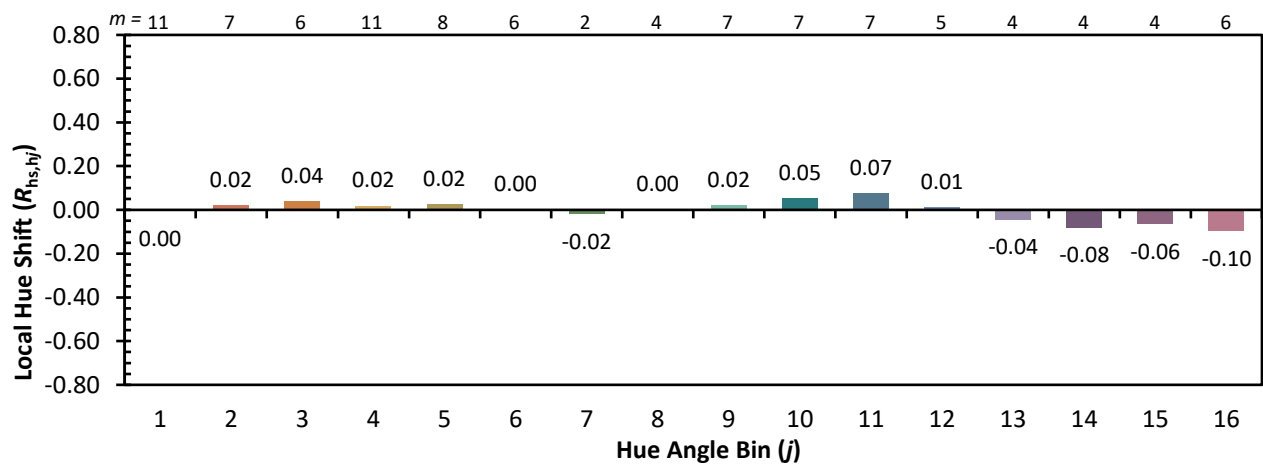
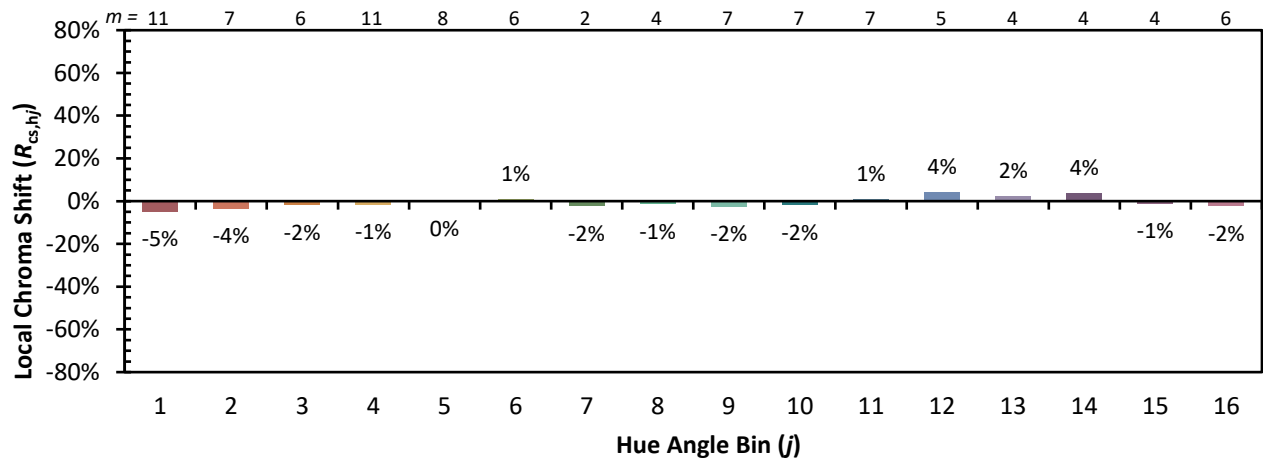


Individual Sample Fidelity Index ($R_{f,i}$)

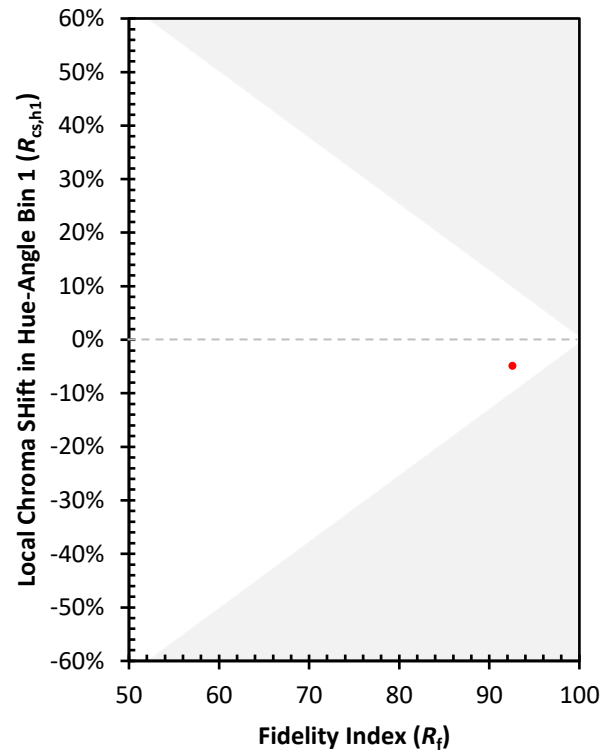
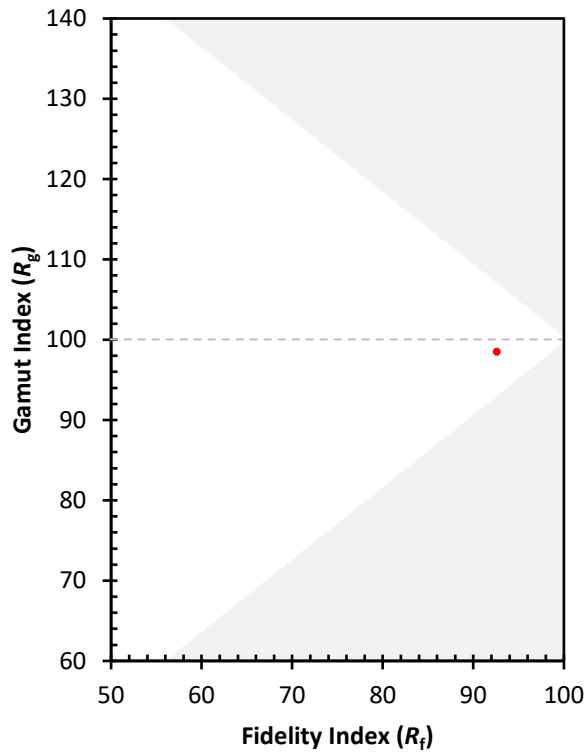
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 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)