

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: P1049298

Luminaire Tested: **GALN-SA5B-927-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049298
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5B-927-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
90CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12695.3 lumens
Efficiency: N/A
Efficacy: 71.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

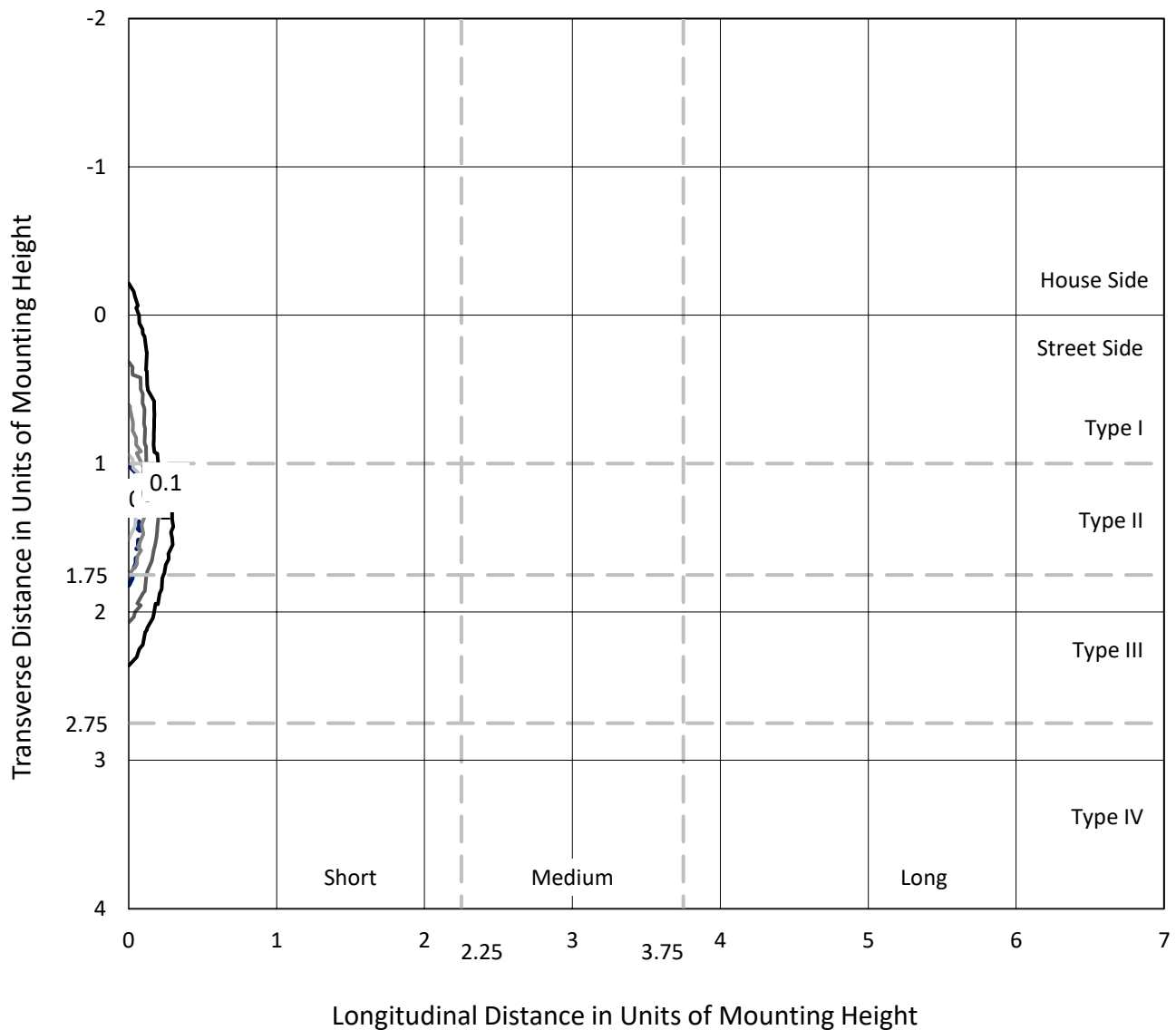
Input Watts (W): 178.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

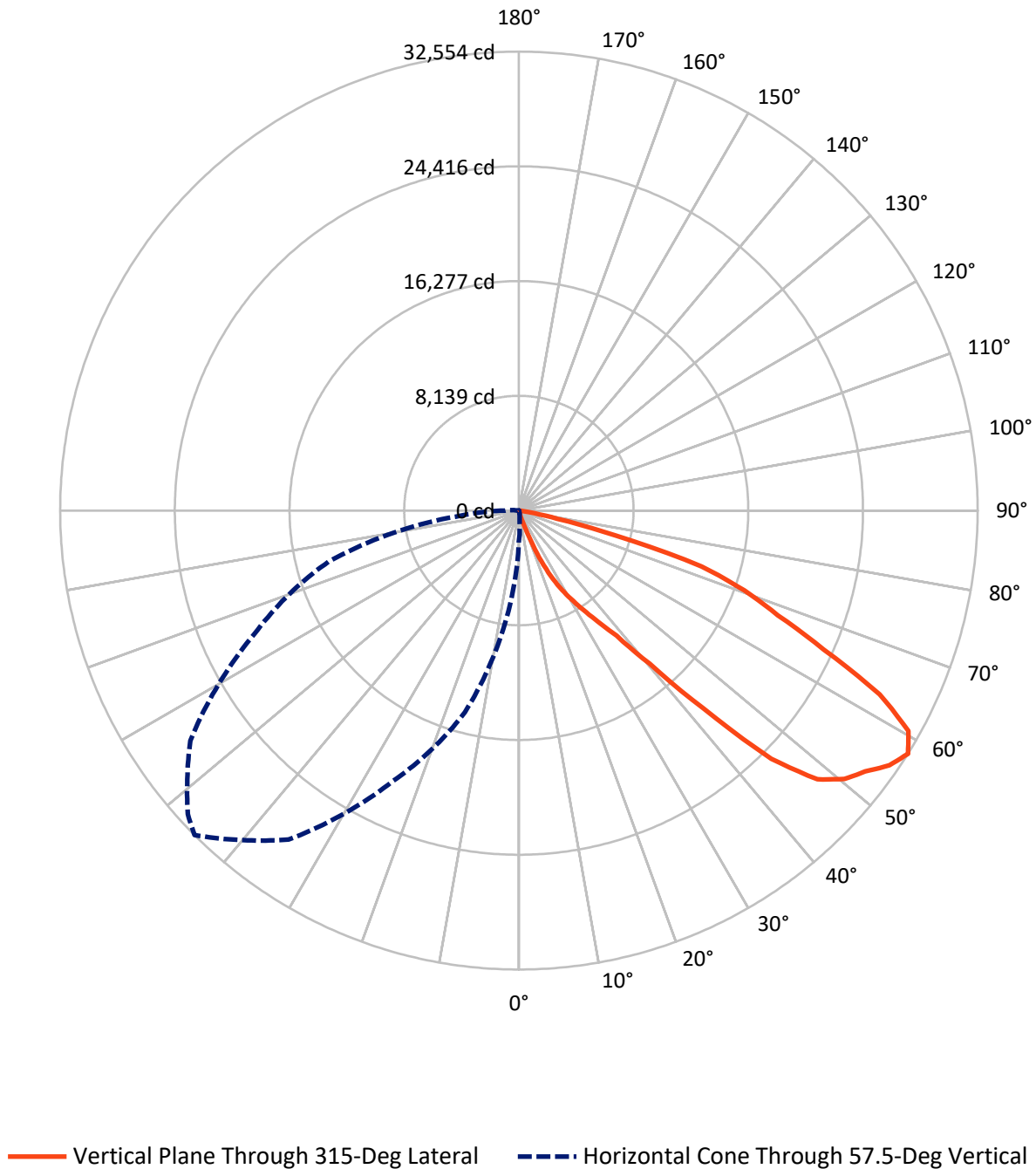
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	63.6	0.0	63.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	12631.7	0.0	12631.7
	% Fixture	99.5	0.0	99.5
Total	Lumens	12695.3	0.0	12695.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.0	0.0
10°-20°	27.9	0.2
20°-30°	300.9	2.4
30°-40°	889.7	7.0
40°-50°	2651.5	20.9
50°-60°	4204.4	33.1
60°-70°	3509.6	27.6
70°-80°	1082.2	8.5
80°-90°	24.1	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°	12695.3	100.0
0°-180°	12695.3	100.0



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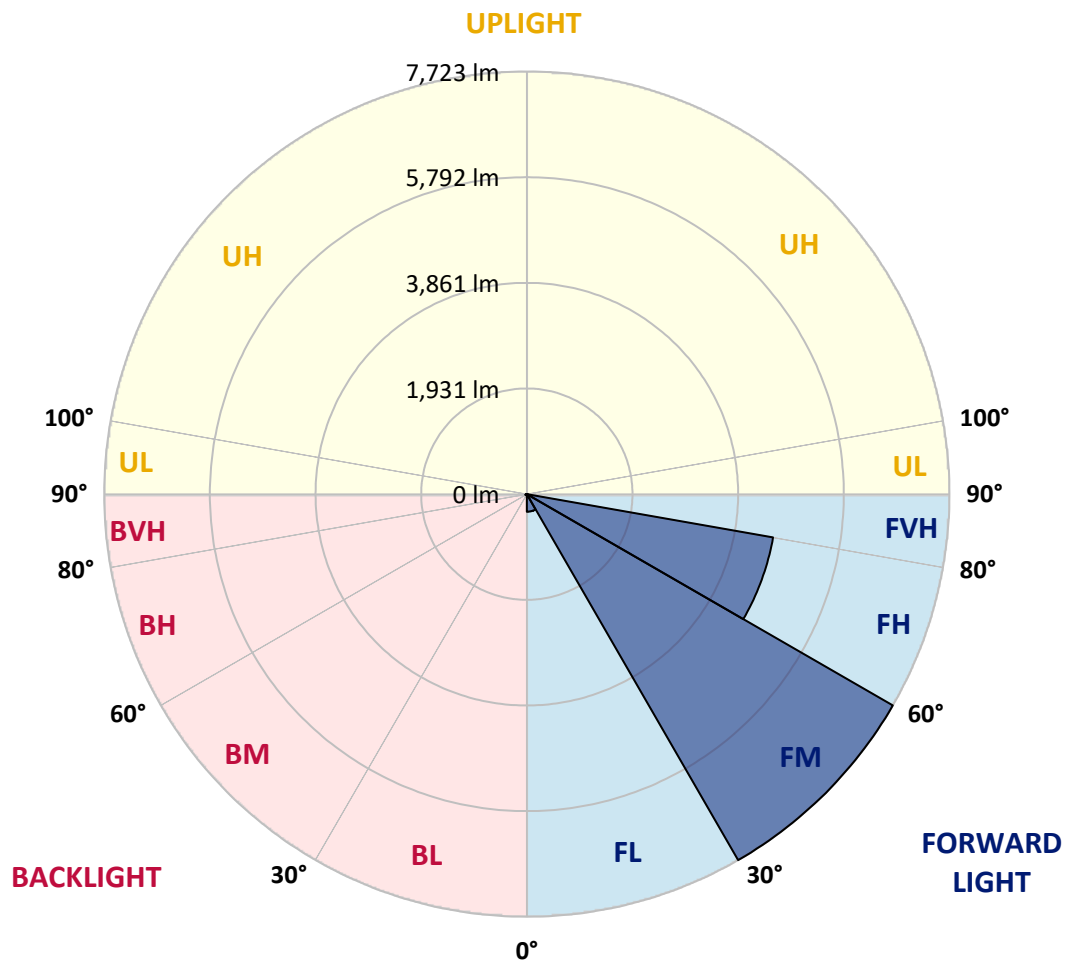
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	322.1	2.5			
FM	(30°-60°)	7722.9	60.8			
FH	(60°-80°)	4568.2	36.0			G2/5000
FVH	(80°-90°)	18.6	0.1			G1/100
BL	(0°-30°)	11.7	0.1	B0/110		
BM	(30°-60°)	22.7	0.2	B0/220		
BH	(60°-80°)	23.7	0.2	B0/110		G0/110
BVH	(80°-90°)	5.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-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°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
2.5°	50.8	50.8	50.8	50.8	49.9	49.9	48.9	48.9	48.0	48.0
5°	53.7	53.7	52.8	51.8	51.8	50.8	49.9	48.9	48.9	48.0
7.5°	58.5	57.6	56.6	55.6	53.7	52.8	50.8	49.9	48.9	47.0
10°	64.3	62.4	60.4	58.5	56.6	54.7	52.8	51.8	49.9	48.9
12.5°	72.0	69.1	65.2	62.4	60.4	57.6	55.6	53.7	50.8	48.9
15°	78.7	74.8	70.0	66.2	63.3	59.5	56.6	53.7	51.8	48.9
17.5°	88.3	81.5	73.9	69.1	65.2	60.4	55.6	52.8	49.9	46.0
20°	104.6	91.1	76.7	71.0	65.2	59.5	53.7	49.9	47.0	43.2
22.5°	130.5	107.4	84.4	75.8	68.1	59.5	51.8	48.0	44.1	40.3
25°	180.4	139.1	97.9	86.3	74.8	63.3	51.8	47.0	43.2	38.4
27.5°	239.8	178.4	116.1	99.8	84.4	68.1	51.8	46.0	41.3	35.5
30°	300.3	218.7	136.2	115.1	94.0	72.9	51.8	45.1	39.3	32.6
32.5°	357.8	256.2	153.5	128.6	103.6	77.7	52.8	45.1	37.4	29.7
35°	416.4	286.9	156.4	130.5	104.6	77.7	51.8	43.2	35.5	26.9
37.5°	491.2	321.4	150.6	124.7	99.8	73.9	48.9	41.3	33.6	24.9
40°	604.4	379.0	153.5	126.6	99.8	72.9	46.0	38.4	31.7	24.0
42.5°	813.5	490.2	166.0	135.3	104.6	72.9	42.2	35.5	29.7	23.0
45°	1406.4	814.5	222.6	176.5	130.5	84.4	38.4	32.6	27.8	22.1
47.5°	2326.5	1363.3	400.1	308.9	218.7	127.6	37.4	32.6	27.8	22.1
50°	2969.2	1736.5	503.7	387.6	271.5	155.4	39.3	33.6	28.8	23.0
52.5°	2964.5	1763.3	561.2	430.8	301.2	170.8	41.3	35.5	30.7	24.9
55°	2635.4	1604.1	571.8	439.4	308.0	175.6	44.1	38.4	32.6	26.9
57.5°	2202.7	1362.3	521.9	403.9	286.9	168.8	50.8	44.1	38.4	31.7
60°	1742.2	1074.5	406.8	321.4	237.0	151.6	67.2	58.5	50.8	42.2
62.5°	1203.0	779.0	355.0	284.9	215.9	145.8	76.7	68.1	60.4	51.8
65°	851.0	586.2	320.4	260.9	202.4	142.9	83.5	73.9	65.2	55.6
67.5°	636.1	466.3	295.5	244.6	193.8	142.9	92.1	80.6	70.0	58.5
70°	487.4	382.8	277.3	236.0	195.7	154.5	113.2	96.9	81.5	65.2
72.5°	397.2	327.1	256.2	226.4	196.7	166.9	137.2	116.1	95.0	72.9
75°	329.1	280.1	231.2	206.3	182.3	157.3	132.4	113.2	95.0	75.8
77.5°	218.7	199.5	179.4	165.0	150.6	135.3	120.9	104.6	89.2	72.9
80°	76.7	73.9	71.0	76.7	82.5	88.3	94.0	82.5	72.0	60.4
82.5°	11.5	10.6	9.6	10.6	11.5	12.5	13.4	14.4	15.3	16.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
0.0	2.5°	47.0	47.0	46.0	46.0	46.0	45.1	45.1	44.1	44.1	44.1
0.0	5°	46.0	46.0	45.1	44.1	43.2	43.2	42.2	41.3	41.3	40.3
0.0	7.5°	45.1	44.1	43.2	42.2	41.3	40.3	39.3	38.4	38.4	37.4
0.0	10°	46.0	44.1	43.2	41.3	40.3	39.3	37.4	36.5	35.5	35.5
0.0	12.5°	44.1	43.2	41.3	39.3	38.4	36.5	35.5	33.6	32.6	32.6
0.0	15°	44.1	42.2	39.3	37.4	35.5	34.5	32.6	30.7	29.7	28.8
0.0	17.5°	41.3	39.3	36.5	34.5	32.6	30.7	28.8	26.9	25.9	24.9
0.0	20°	37.4	35.5	32.6	29.7	27.8	25.9	24.0	22.1	21.1	20.1
0.0	22.5°	33.6	31.7	28.8	25.9	24.0	22.1	19.2	17.3	16.3	14.4
0.0	25°	31.7	28.8	25.9	23.0	20.1	18.2	15.3	12.5	10.6	8.6
0.0	27.5°	26.9	24.0	21.1	18.2	15.3	12.5	9.6	6.7	4.8	3.8
0.0	30°	23.0	20.1	17.3	14.4	10.6	7.7	4.8	1.0	1.0	1.0
0.0	32.5°	19.2	16.3	12.5	9.6	7.7	4.8	2.9	0.0	0.0	0.0
0.0	35°	15.3	12.5	8.6	5.8	4.8	2.9	1.9	0.0	0.0	0.0
0.0	37.5°	13.4	10.6	6.7	2.9	1.9	1.9	1.0	0.0	0.0	0.0
0.0	40°	12.5	8.6	4.8	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.0	42.5°	12.5	8.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	12.5	8.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	12.5	8.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	13.4	9.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	15.3	11.5	7.7	3.8	2.9	1.9	1.0	0.0	0.0	0.0
0.0	55°	19.2	17.3	14.4	12.5	9.6	6.7	2.9	0.0	0.0	0.0
0.0	57.5°	24.9	24.9	24.0	23.0	17.3	11.5	5.8	0.0	0.0	0.0
0.0	60°	33.6	33.6	33.6	33.6	24.9	17.3	8.6	0.0	0.0	0.0
0.0	62.5°	41.3	39.3	36.5	34.5	25.9	17.3	8.6	0.0	0.0	0.0
0.0	65°	41.3	37.4	32.6	27.8	21.1	14.4	6.7	0.0	0.0	0.0
0.0	67.5°	38.4	30.7	22.1	14.4	10.6	7.7	3.8	0.0	0.0	0.0
	70°	38.4	26.9	15.3	3.8	2.9	1.9	1.0	0.0	0.0	0.0
	72.5°	38.4	25.9	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	42.2	28.8	14.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	42.2	28.8	14.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	37.4	24.9	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	12.5	8.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
0.0	2.5°	43.2	43.2	43.2	42.2	42.2	42.2	42.2	41.3	41.3	41.3
0.0	5°	39.3	39.3	38.4	38.4	37.4	37.4	36.5	36.5	35.5	35.5
0.0	7.5°	36.5	35.5	35.5	34.5	33.6	33.6	32.6	32.6	31.7	30.7
0.0	10°	33.6	32.6	32.6	31.7	30.7	29.7	29.7	28.8	27.8	26.9
0.0	12.5°	30.7	29.7	28.8	27.8	26.9	25.9	25.9	24.9	24.0	23.0
0.0	15°	26.9	25.9	24.9	24.0	23.0	22.1	22.1	21.1	20.1	19.2
0.0	17.5°	23.0	22.1	22.1	21.1	20.1	19.2	18.2	16.3	15.3	14.4
0.0	20°	17.3	16.3	15.3	14.4	13.4	11.5	10.6	8.6	6.7	5.8
0.0	22.5°	11.5	9.6	8.6	6.7	4.8	3.8	2.9	1.0	0.0	0.0
0.0	25°	3.8	2.9	1.9	1.0	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: P1049298

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CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049298

CATALOG NUMBER: GALN-SA5B-927-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
0.0	2.5°	40.3	40.3	40.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
0.0	5°	34.5	34.5	34.5	33.6	33.6	32.6	32.6	32.6	31.7	31.7
0.0	7.5°	29.7	28.8	28.8	27.8	27.8	26.9	26.9	26.9	25.9	25.9
0.0	10°	24.9	24.0	24.0	23.0	23.0	22.1	22.1	21.1	21.1	20.1
0.0	12.5°	22.1	21.1	20.1	19.2	19.2	18.2	17.3	17.3	16.3	15.3
0.0	15°	17.3	16.3	15.3	14.4	13.4	12.5	11.5	11.5	10.6	9.6
0.0	17.5°	11.5	9.6	8.6	7.7	7.7	6.7	5.8	4.8	3.8	2.9
0.0	20°	2.9	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049298

CATALOG NUMBER: GALN-SA5B-927-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°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
0.0	2.5°	39.3	38.4	38.4	38.4	39.3	39.3	39.3	39.3	39.3	39.3
0.0	5°	31.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
0.0	7.5°	25.9	24.9	24.9	24.9	24.9	24.0	24.0	24.0	24.0	24.0
0.0	10°	20.1	19.2	19.2	19.2	19.2	18.2	18.2	18.2	18.2	18.2
0.0	12.5°	14.4	14.4	13.4	13.4	13.4	12.5	12.5	12.5	12.5	11.5
0.0	15°	8.6	7.7	6.7	6.7	6.7	5.8	5.8	5.8	5.8	4.8
0.0	17.5°	1.9	1.9	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049298

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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°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
0.0	2.5°	40.3	40.3	41.3	41.3	42.2	44.1	45.1	46.0	48.0	49.9
0.0	5°	31.7	32.6	32.6	33.6	34.5	35.5	36.5	37.4	39.3	41.3
0.0	7.5°	24.9	24.9	25.9	25.9	26.9	28.8	29.7	30.7	32.6	35.5
0.0	10°	19.2	19.2	20.1	20.1	21.1	23.0	24.0	24.9	26.9	29.7
0.0	12.5°	12.5	13.4	13.4	14.4	15.3	17.3	18.2	19.2	21.1	23.0
0.0	15°	5.8	6.7	6.7	7.7	8.6	10.6	11.5	12.5	14.4	17.3
0.0	17.5°	1.0	1.0	1.9	1.9	2.9	3.8	4.8	5.8	8.6	10.6
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.8
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CATALOG NUMBER: GALN-SA5B-927-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°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
0.0	2.5°	52.8	54.7	56.6	58.5	60.4	62.4	63.3	65.2	66.2	67.2
0.0	5°	45.1	47.0	49.9	51.8	53.7	55.6	57.6	58.5	59.5	60.4
0.0	7.5°	39.3	41.3	44.1	46.0	48.0	49.9	51.8	53.7	54.7	55.6
0.0	10°	33.6	36.5	38.4	41.3	43.2	45.1	47.0	48.9	50.8	51.8
0.0	12.5°	26.9	29.7	32.6	34.5	37.4	40.3	42.2	44.1	46.0	48.0
0.0	15°	21.1	24.0	26.9	28.8	31.7	34.5	37.4	39.3	41.3	43.2
0.0	17.5°	15.3	18.2	21.1	23.0	25.9	28.8	30.7	33.6	35.5	37.4
0.0	20°	7.7	10.6	13.4	16.3	19.2	22.1	24.0	26.9	28.8	30.7
0.0	22.5°	1.0	3.8	6.7	8.6	11.5	14.4	16.3	19.2	21.1	23.0
0.0	25°	0.0	1.0	2.9	3.8	4.8	6.7	8.6	10.6	12.5	14.4
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.0	1.9	3.8	5.8	7.7
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.9
	85°	0.0	0.0	0.0	0.0	0.0	1.9	2.9	4.8	5.8	6.7
	87.5°	0.0	1.0	1.9	2.9	3.8	5.8	7.7	9.6	10.6	11.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049298

CATALOG NUMBER: GALN-SA5B-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
55.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.0											
3.8											
8.6											
12.5											
0.0											
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REPORT NUMBER: P1049298

CATALOG NUMBER: GALN-SA5B-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
0.0	2.5°	68.1	68.1	68.1	68.1	67.2	67.2	67.2	66.2	66.2	65.2
0.0	5°	62.4	63.3	63.3	63.3	63.3	63.3	63.3	63.3	62.4	62.4
0.0	7.5°	57.6	58.5	59.5	59.5	60.4	60.4	60.4	59.5	59.5	58.5
0.0	10°	54.7	55.6	55.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
0.0	12.5°	50.8	51.8	52.8	52.8	53.7	53.7	53.7	53.7	52.8	52.8
0.0	15°	46.0	48.0	48.9	49.9	49.9	50.8	50.8	50.8	50.8	50.8
0.0	17.5°	42.2	44.1	45.1	46.0	46.0	47.0	47.0	48.0	48.0	48.0
0.0	20°	34.5	36.5	37.4	39.3	40.3	41.3	42.2	43.2	43.2	44.1
0.0	22.5°	26.9	28.8	29.7	31.7	32.6	33.6	34.5	35.5	36.5	37.4
0.0	25°	19.2	21.1	22.1	24.0	24.9	25.9	26.9	27.8	27.8	28.8
0.0	27.5°	10.6	12.5	14.4	15.3	17.3	18.2	19.2	20.1	21.1	22.1
0.0	30°	4.8	5.8	6.7	8.6	9.6	10.6	11.5	13.4	14.4	15.3
0.0	32.5°	0.0	0.0	1.0	2.9	3.8	4.8	5.8	6.7	6.7	7.7
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.9	2.9	3.8
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°	1.9	1.9	1.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	82.5°	4.8	5.8	6.7	6.7	7.7	7.7	7.7	7.7	6.7	6.7
	85°	9.6	10.6	11.5	11.5	12.5	12.5	12.5	12.5	12.5	12.5
	87.5°	13.4	14.4	15.3	15.3	16.3	16.3	16.3	16.3	16.3	16.3
	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: P1049298

CATALOG NUMBER: GALN-SA5B-927-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
55.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.8	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
48.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	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											
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2.9											
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REPORT NUMBER: P1049298

CATALOG NUMBER: GALN-SA5B-927-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°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
0.0	2.5°	64.3	64.3	63.3	63.3	63.3	63.3	63.3	64.3	65.2	65.2
0.0	5°	61.4	61.4	60.4	60.4	60.4	61.4	61.4	62.4	63.3	64.3
0.0	7.5°	58.5	57.6	57.6	58.5	58.5	59.5	59.5	60.4	61.4	62.4
0.0	10°	56.6	55.6	55.6	55.6	56.6	56.6	57.6	58.5	59.5	60.4
0.0	12.5°	52.8	52.8	52.8	52.8	53.7	53.7	54.7	55.6	57.6	58.5
0.0	15°	50.8	49.9	49.9	49.9	49.9	50.8	50.8	52.8	54.7	55.6
0.0	17.5°	47.0	47.0	46.0	46.0	47.0	47.0	48.0	49.9	51.8	52.8
0.0	20°	43.2	42.2	41.3	41.3	42.2	42.2	43.2	45.1	47.0	48.0
0.0	22.5°	37.4	36.5	36.5	36.5	36.5	37.4	37.4	39.3	42.2	44.1
0.0	25°	29.7	30.7	30.7	31.7	31.7	32.6	33.6	35.5	38.4	40.3
0.0	27.5°	23.0	24.0	24.0	25.9	26.9	27.8	28.8	31.7	34.5	36.5
0.0	30°	17.3	18.2	19.2	20.1	22.1	24.0	25.9	28.8	31.7	33.6
0.0	32.5°	10.6	12.5	13.4	15.3	17.3	19.2	21.1	24.0	27.8	30.7
0.0	35°	7.7	8.6	10.6	11.5	13.4	15.3	17.3	21.1	24.0	27.8
0.0	37.5°	3.8	5.8	7.7	9.6	11.5	13.4	15.3	19.2	23.0	25.9
0.0	40°	2.9	4.8	5.8	7.7	10.6	12.5	14.4	18.2	22.1	25.9
0.0	42.5°	1.9	2.9	3.8	6.7	8.6	11.5	14.4	18.2	22.1	25.9
0.0	45°	1.9	1.9	2.9	5.8	8.6	12.5	15.3	19.2	22.1	25.9
0.0	47.5°	1.9	2.9	3.8	7.7	9.6	12.5	15.3	18.2	22.1	24.9
0.0	50°	2.9	3.8	4.8	8.6	10.6	13.4	15.3	19.2	22.1	25.9
0.0	52.5°	1.9	2.9	3.8	7.7	10.6	14.4	17.3	21.1	24.9	27.8
0.0	55°	1.0	1.0	1.0	5.8	11.5	16.3	22.1	24.9	28.8	31.7
0.0	57.5°	0.0	0.0	0.0	3.8	11.5	18.2	24.9	28.8	32.6	35.5
0.0	60°	0.0	0.0	0.0	3.8	11.5	18.2	24.9	29.7	34.5	39.3
0.0	62.5°	0.0	0.0	0.0	3.8	9.6	15.3	21.1	28.8	37.4	45.1
0.0	65°	0.0	0.0	0.0	2.9	7.7	12.5	17.3	28.8	40.3	50.8
0.0	67.5°	0.0	0.0	0.0	2.9	7.7	11.5	16.3	28.8	40.3	52.8
	70°	0.0	0.0	0.0	2.9	7.7	12.5	17.3	28.8	40.3	51.8
	72.5°	0.0	0.0	0.0	2.9	8.6	13.4	19.2	28.8	38.4	48.0
	75°	0.0	0.0	0.0	3.8	8.6	14.4	20.1	28.8	37.4	45.1
	77.5°	0.0	0.0	0.0	2.9	8.6	13.4	19.2	27.8	36.5	44.1
	80°	2.9	1.9	1.9	4.8	8.6	12.5	16.3	24.9	34.5	43.2
	82.5°	5.8	5.8	4.8	6.7	8.6	11.5	14.4	22.1	30.7	38.4
	85°	11.5	11.5	10.6	11.5	11.5	12.5	13.4	17.3	21.1	24.9
	87.5°	15.3	15.3	14.4	14.4	14.4	13.4	13.4	13.4	13.4	12.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049298

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
55.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.3											
57.6											
53.7											
52.8											
51.8											
46.0											
28.8											
12.5											
0.0											
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REPORT NUMBER: P1049298

CATALOG NUMBER: GALN-SA5B-927-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
0.0	2.5°	67.2	68.1	68.1	69.1	70.0	71.0	71.0	72.0	72.0	72.0
0.0	5°	66.2	68.1	69.1	70.0	71.0	72.0	72.9	73.9	74.8	74.8
0.0	7.5°	65.2	66.2	68.1	69.1	71.0	72.0	73.9	74.8	75.8	76.7
0.0	10°	63.3	65.2	67.2	69.1	71.0	72.9	74.8	76.7	78.7	79.6
0.0	12.5°	61.4	64.3	66.2	68.1	71.0	73.9	75.8	78.7	80.6	82.5
0.0	15°	60.4	62.4	65.2	67.2	71.0	74.8	77.7	81.5	85.4	88.3
0.0	17.5°	57.6	61.4	64.3	67.2	71.0	75.8	79.6	83.5	89.2	95.0
0.0	20°	53.7	56.6	60.4	63.3	69.1	73.9	79.6	84.4	93.1	101.7
0.0	22.5°	49.9	53.7	56.6	60.4	67.2	72.9	79.6	85.4	99.8	113.2
0.0	25°	46.0	50.8	54.7	58.5	66.2	73.9	81.5	89.2	113.2	137.2
0.0	27.5°	44.1	48.0	52.8	56.6	66.2	76.7	86.3	95.9	134.3	171.7
0.0	30°	41.3	46.0	49.9	54.7	67.2	79.6	92.1	104.6	163.1	221.6
0.0	32.5°	38.4	43.2	48.0	52.8	69.1	85.4	100.7	117.0	193.8	269.6
0.0	35°	35.5	41.3	46.0	50.8	72.0	94.0	115.1	136.2	221.6	306.0
0.0	37.5°	34.5	40.3	45.1	49.9	72.9	95.0	118.0	140.1	224.5	308.9
0.0	40°	35.5	40.3	46.0	50.8	70.0	89.2	107.4	126.6	214.9	302.2
0.0	42.5°	35.5	41.3	47.0	52.8	68.1	83.5	98.8	114.2	212.0	309.9
0.0	45°	34.5	40.3	46.0	51.8	66.2	79.6	94.0	107.4	229.3	350.2
0.0	47.5°	33.6	39.3	45.1	50.8	65.2	79.6	94.0	108.4	296.4	483.5
0.0	50°	33.6	39.3	44.1	48.9	66.2	84.4	101.7	119.0	431.7	743.5
0.0	52.5°	35.5	40.3	44.1	48.0	68.1	89.2	109.4	129.5	548.8	967.0
0.0	55°	38.4	41.3	45.1	48.0	72.9	96.9	121.8	145.8	584.3	1022.7
0.0	57.5°	42.2	45.1	48.0	50.8	81.5	112.2	142.0	172.7	587.1	1000.6
0.0	60°	47.0	50.8	53.7	56.6	89.2	122.8	155.4	188.0	531.5	874.0
0.0	62.5°	57.6	62.4	66.2	71.0	102.7	133.4	165.0	195.7	441.3	686.9
0.0	65°	66.2	70.0	73.9	77.7	108.4	140.1	170.8	201.5	374.2	546.8
0.0	67.5°	68.1	72.0	74.8	78.7	110.3	142.0	172.7	204.3	320.4	435.6
	70°	69.1	73.9	79.6	84.4	117.0	149.7	181.3	213.9	284.0	354.0
	72.5°	66.2	75.8	84.4	93.1	123.8	153.5	184.2	213.9	263.8	313.7
	75°	66.2	79.6	92.1	104.6	127.6	149.7	172.7	194.8	233.1	271.5
	77.5°	70.0	87.3	104.6	121.8	135.3	147.7	161.2	173.6	198.6	223.5
	80°	70.0	88.3	105.5	123.8	129.5	136.2	142.0	147.7	150.6	153.5
	82.5°	60.4	74.8	89.2	103.6	96.9	90.2	83.5	76.7	72.0	66.2
	85°	30.7	33.6	35.5	37.4	34.5	31.7	28.8	25.9	24.0	21.1
	87.5°	12.5	12.5	11.5	11.5	11.5	11.5	10.6	10.6	10.6	10.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049298

CATALOG NUMBER: GALN-SA5B-927-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
55.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
204.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
284.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
384.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
480.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
545.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
594.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
643.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
739.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
931.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1419.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2174.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2738.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2800.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2527.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2160.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1688.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1276.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
942.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
666.8											
496.0											
360.7											
271.5											
152.5											
69.1											
20.1											
9.6											
0.0											
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REPORT NUMBER: P1049298

CATALOG NUMBER: GALN-SA5B-927-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°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
0.0	2.5°	72.0	71.0	71.0	70.0	69.1	68.1	67.2	66.2	65.2	64.3
0.0	5°	74.8	74.8	74.8	73.9	73.9	72.9	72.9	72.0	71.0	70.0
0.0	7.5°	77.7	78.7	78.7	79.6	79.6	79.6	79.6	78.7	78.7	78.7
0.0	10°	82.5	83.5	84.4	85.4	86.3	87.3	87.3	88.3	88.3	88.3
0.0	12.5°	88.3	91.1	93.1	95.9	97.9	100.7	102.7	105.5	107.4	109.4
0.0	15°	96.9	101.7	107.4	112.2	117.0	123.8	131.4	138.1	144.9	155.4
0.0	17.5°	109.4	124.7	140.1	154.5	169.8	203.4	237.0	269.6	303.2	352.1
0.0	20°	133.4	179.4	224.5	270.5	315.6	433.6	550.7	668.7	785.7	911.4
0.0	22.5°	187.1	300.3	413.5	526.7	639.9	886.5	1132.1	1378.6	1624.2	1913.0
0.0	25°	271.5	479.7	687.9	895.1	1103.3	1488.9	1875.6	2261.2	2646.9	3022.0
0.0	27.5°	395.3	713.8	1032.3	1349.8	1668.3	2191.2	2715.0	3237.9	3760.7	4184.8
0.0	30°	547.8	979.5	1411.2	1842.9	2274.7	2869.5	3464.3	4058.1	4652.9	5116.3
0.0	32.5°	691.7	1220.3	1748.9	2276.6	2805.2	3482.5	4160.8	4838.1	5515.4	6022.0
0.0	35°	785.7	1424.7	2064.6	2703.5	3342.4	4075.4	4808.4	5540.4	6273.3	6851.8
0.0	37.5°	879.7	1617.5	2354.3	3092.0	3828.8	4633.8	5438.7	6243.6	7048.5	7763.2
0.0	40°	985.3	1850.6	2715.0	3580.4	4444.8	5398.4	6351.0	7304.6	8257.3	9265.6
0.0	42.5°	1168.5	2237.2	3306.9	4375.7	5444.4	6706.0	7967.6	9228.2	10489.7	11928.8
0.0	45°	1512.9	3019.1	4526.3	6032.5	7538.7	9209.9	10882.1	12553.3	14224.6	16139.5
0.0	47.5°	2356.2	4428.4	6499.7	8572.0	10643.2	12447.8	14251.4	16056.0	17859.6	19766.8
0.0	50°	3605.3	6017.2	8429.0	10839.9	13251.8	14884.6	16516.5	18149.3	19781.2	21595.4
0.0	52.5°	4509.0	7021.6	9535.2	12047.8	14560.3	16033.9	17508.5	18982.1	20455.7	22150.9
0.0	55°	4577.1	7075.3	9574.5	12072.7	14570.9	16051.2	17531.5	19011.8	20492.1	22289.0
0.0	57.5°	4052.4	6530.4	9007.5	11485.6	13962.7	15648.3	17332.9	19018.5	20703.2	22645.9
0.0	60°	3447.0	5926.0	8404.1	10883.1	13361.1	15302.9	17245.6	19187.4	21129.1	22949.1
0.0	62.5°	2689.1	5239.1	7790.1	10340.1	12890.1	14861.6	16833.1	18803.6	20775.1	22140.3
0.0	65°	2004.1	4480.3	6956.4	9431.6	11907.7	13486.8	15065.9	16644.1	18223.2	19068.4
0.0	67.5°	1448.6	3584.2	5718.8	7854.4	9989.0	11119.1	12249.2	13378.4	14508.5	15155.2
	70°	979.5	2458.9	3937.3	5416.6	6895.0	7823.7	8753.3	9682.0	10610.6	11483.6
	72.5°	678.3	1509.1	2340.9	3171.7	4002.5	4936.9	5870.4	6804.8	7738.3	8662.1
	75°	449.9	827.9	1206.9	1584.9	1962.9	2654.6	3347.2	4038.9	4730.6	5281.3
	77.5°	319.5	432.7	546.8	660.0	773.3	902.8	1033.2	1162.8	1292.3	1488.9
	80°	151.6	166.0	180.4	193.8	208.2	255.2	302.2	349.2	396.2	446.1
	82.5°	72.0	77.7	83.5	88.3	94.0	98.8	103.6	108.4	113.2	108.4
	85°	19.2	19.2	20.1	20.1	20.1	20.1	20.1	20.1	20.1	19.2
	87.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	7.7	7.7	6.7
	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°
55.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1038.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2201.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3397.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4608.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5580.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6529.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7430.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8478.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10273.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13367.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18054.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21674.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23409.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23846.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24086.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24588.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24768.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23506.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19914.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15802.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12355.7											
9586.0											
5832.0											
1685.6											
496.0											
102.7											
18.2											
6.7											
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°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
0.0	2.5°	62.4	61.4	60.4	59.5	58.5	56.6	56.6	55.6	55.6
0.0	5°	68.1	67.2	66.2	65.2	65.2	64.3	63.3	63.3	62.4
0.0	7.5°	77.7	76.7	75.8	74.8	74.8	73.9	73.9	72.9	72.9
0.0	10°	89.2	89.2	89.2	89.2	89.2	88.3	88.3	88.3	87.3
0.0	12.5°	112.2	113.2	115.1	117.0	119.9	119.9	119.9	119.0	119.0
0.0	15°	177.5	188.0	195.7	203.4	210.1	225.5	223.5	220.7	218.7
0.0	17.5°	449.0	497.0	522.9	547.8	573.7	644.7	633.2	621.7	611.1
0.0	20°	1163.7	1289.4	1372.9	1456.3	1540.7	1674.1	1641.5	1608.9	1576.2
0.0	22.5°	2489.6	2778.3	2904.0	3029.7	3154.4	3315.6	3211.0	3106.4	3002.8
0.0	25°	3771.3	4146.4	4358.4	4570.4	4781.5	4873.6	4737.4	4600.2	4463.9
0.0	27.5°	5032.9	5456.9	5644.0	5830.1	6017.2	6210.0	6041.1	5871.3	5702.5
0.0	30°	6044.0	6507.4	6709.8	6911.3	7113.7	7248.0	7073.4	6897.9	6723.3
0.0	32.5°	7036.0	7542.6	7764.2	7985.8	8206.4	8399.3	8184.4	7968.5	7753.6
0.0	35°	8007.9	8586.4	8891.4	9196.5	9501.6	9681.0	9425.8	9169.6	8914.5
0.0	37.5°	9193.6	9908.4	10249.9	10591.4	10933.0	11260.1	10979.0	10697.0	10415.9
0.0	40°	11282.2	12290.5	12814.3	13339.1	13862.9	14285.0	13930.0	13575.1	13220.1
0.0	42.5°	14806.9	16246.0	16999.1	17751.2	18504.3	19163.4	18790.2	18417.0	18043.8
0.0	45°	19969.3	21884.2	22802.3	23719.4	24637.6	25119.2	24581.9	24043.7	23506.5
0.0	47.5°	23580.3	25487.6	26304.9	27122.3	27939.7	28489.4	27832.3	27175.1	26518.9
0.0	50°	25222.8	27036.9	27857.2	28676.5	29496.8	29933.3	29174.4	28414.6	27655.7
0.0	52.5°	25540.3	27235.5	28214.1	29193.6	30172.2	30755.5	29859.4	28962.4	28066.3
0.0	55°	25883.8	27680.7	28815.6	29951.5	31086.4	31894.2	30881.1	29867.1	28854.0
0.0	57.5°	26530.4	28473.1	29605.2	30736.3	31868.3	32554.3	31538.3	30521.4	29505.4
0.0	60°	26588.0	28406.9	29379.7	30353.5	31326.3	31758.0	30786.2	29813.4	28841.5
0.0	62.5°	24871.6	26236.8	26912.2	27587.6	28263.0	28732.1	27718.1	26703.1	25689.0
0.0	65°	20759.8	21605.0	22143.2	22681.4	23219.6	23778.9	22850.3	21921.6	20992.9
0.0	67.5°	16449.3	17096.0	17804.9	18513.9	19222.9	19820.6	19077.1	18332.6	17589.1
	70°	13228.7	14100.8	14898.0	15695.3	16492.5	16981.8	16235.4	15488.1	14741.7
	72.5°	10509.9	11433.8	12099.6	12764.4	13430.2	13550.1	13001.4	12452.6	11904.8
	75°	6381.7	6932.4	6945.8	6958.3	6971.7	7085.9	6631.2	6176.4	5722.6
	77.5°	1882.3	2079.0	2241.1	2402.3	2564.4	2760.1	2593.2	2425.3	2258.4
	80°	544.9	594.8	637.0	678.3	720.5	695.5	656.2	616.9	577.5
	82.5°	97.9	92.1	91.1	90.2	90.2	85.4	77.7	70.0	62.4
	85°	17.3	16.3	15.3	14.4	13.4	12.5	10.6	9.6	7.7
	87.5°	5.8	4.8	3.8	2.9	2.9	1.0	1.0	1.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049298

CATALOG NUMBER: GALN-SA5B-927-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°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
0.0	0.0	2.5°	54.7	53.7	53.7	53.7	53.7	52.8	52.8	52.8	52.8
0.0	0.0	5°	60.4	60.4	59.5	59.5	58.5	58.5	57.6	57.6	56.6
0.0	0.0	7.5°	71.0	70.0	69.1	68.1	67.2	65.2	64.3	63.3	63.3
0.0	0.0	10°	85.4	83.5	82.5	80.6	79.6	77.7	75.8	73.9	72.0
0.0	0.0	12.5°	112.2	108.4	105.5	101.7	97.9	95.0	91.1	88.3	84.4
0.0	0.0	15°	194.8	185.2	174.6	162.1	148.7	136.2	122.8	115.1	106.5
0.0	0.0	17.5°	497.9	448.0	397.2	355.9	314.7	274.4	233.1	203.4	173.6
0.0	0.0	20°	1267.3	1129.2	991.0	854.8	717.6	581.4	444.2	375.1	306.0
0.0	0.0	22.5°	2385.0	2128.8	1871.7	1623.3	1373.8	1125.3	876.9	720.5	565.1
0.0	0.0	25°	3681.1	3358.8	3036.4	2627.7	2218.1	1809.4	1400.7	1146.4	892.2
0.0	0.0	27.5°	4790.1	4418.9	4047.6	3550.6	3053.7	2556.7	2059.8	1680.8	1302.8
0.0	0.0	30°	5750.5	5351.4	4952.3	4373.8	3795.3	3216.8	2638.3	2164.3	1690.4
0.0	0.0	32.5°	6583.2	6105.4	5627.7	5030.9	4434.2	3837.5	3240.7	2659.4	2078.0
0.0	0.0	35°	7543.5	6986.1	6427.8	5765.8	5102.9	4440.9	3779.0	3122.7	2465.6
0.0	0.0	37.5°	8763.8	8079.8	7394.8	6657.1	5919.3	5182.5	4444.8	3694.5	2944.3
0.0	0.0	40°	11099.9	10217.3	9334.7	8397.4	7459.1	6521.8	5584.5	4663.5	3742.5
0.0	0.0	42.5°	15285.6	14093.1	12900.6	11653.5	10405.3	9158.1	7910.0	6611.0	5311.1
0.0	0.0	45°	20009.6	18530.2	17049.9	15650.2	14249.5	12849.8	11450.1	9667.6	7885.1
0.0	0.0	47.5°	22666.1	21068.7	19471.4	18146.5	16821.6	15496.7	14171.8	12250.2	10328.6
0.0	0.0	50°	23643.7	22017.5	20391.4	19172.0	17951.7	16732.4	15512.0	13587.5	11662.1
0.0	0.0	52.5°	23851.8	22193.1	20534.3	19307.3	18080.3	16854.2	15627.2	13715.1	11803.1
0.0	0.0	55°	24279.7	22500.1	20719.5	19320.7	17922.0	16523.2	15124.5	13181.7	11239.0
0.0	0.0	57.5°	24839.0	23014.3	21189.6	19596.1	18002.6	16410.0	14816.5	12692.5	10568.4
0.0	0.0	60°	24692.2	23104.5	21515.8	19809.1	18101.4	16394.7	14687.0	12350.9	10013.9
0.0	0.0	62.5°	22144.2	20879.7	19614.3	18210.7	16806.2	15402.7	13999.1	11594.0	9188.8
0.0	0.0	65°	18217.5	17294.5	16371.6	15242.5	14112.3	12983.1	11854.0	9697.3	7541.6
0.0	0.0	67.5°	14764.7	13724.7	12683.8	11783.9	10883.1	9983.2	9082.3	7385.2	5688.1
		70°	11730.2	10599.1	9467.1	8588.3	7708.5	6829.7	5951.0	4822.7	3695.5
		72.5°	9315.5	8295.7	7275.9	6338.6	5400.3	4463.0	3524.7	2858.0	2191.2
		75°	4452.4	4044.7	3637.0	3146.7	2656.5	2166.3	1676.0	1385.3	1095.6
		77.5°	1650.1	1430.4	1209.8	1010.2	810.7	612.1	412.5	378.0	343.5
		80°	426.9	372.2	316.6	277.3	237.0	197.6	158.3	142.9	128.6
		82.5°	48.9	45.1	42.2	40.3	37.4	35.5	32.6	29.7	26.9
		85°	2.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049298

CATALOG NUMBER: GALN-SA5B-927-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	55.6	55.6
0.0	0.0	2.5°	51.8	50.8
0.0	0.0	5°	54.7	53.7
0.0	0.0	7.5°	60.4	58.5
0.0	0.0	10°	66.2	64.3
0.0	0.0	12.5°	74.8	72.0
0.0	0.0	15°	84.4	78.7
0.0	0.0	17.5°	100.7	88.3
0.0	0.0	20°	136.2	104.6
0.0	0.0	22.5°	191.9	130.5
0.0	0.0	25°	282.1	180.4
0.0	0.0	27.5°	392.4	239.8
0.0	0.0	30°	521.9	300.3
0.0	0.0	32.5°	636.1	357.8
0.0	0.0	35°	784.8	416.4
0.0	0.0	37.5°	968.0	491.2
0.0	0.0	40°	1252.0	604.4
0.0	0.0	42.5°	1763.3	813.5
0.0	0.0	45°	2863.7	1406.4
0.0	0.0	47.5°	4406.4	2326.5
0.0	0.0	50°	5390.7	2969.2
0.0	0.0	52.5°	5471.3	2964.5
0.0	0.0	55°	4994.5	2635.4
0.0	0.0	57.5°	4261.5	2202.7
0.0	0.0	60°	3542.0	1742.2
0.0	0.0	62.5°	2790.8	1203.0
0.0	0.0	65°	2039.6	851.0
0.0	0.0	67.5°	1465.0	636.1
		70°	963.2	487.4
		72.5°	627.4	397.2
		75°	422.1	329.1
		77.5°	246.6	218.7
		80°	87.3	76.7
		82.5°	16.3	11.5
		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: P1049298

CATALOG NUMBER: GALN-SA5B-927-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: SP1-2407-184-13

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-927-U-5WQ

Data in this report applies to families of products including GSS-SB1A-927-U-5WQ

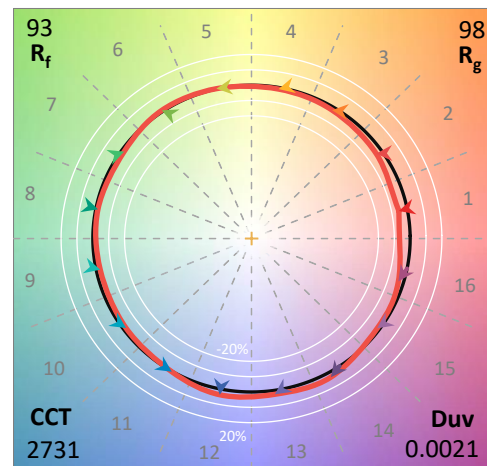
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-13
 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-927-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2731
 CIE u' : 0.2605
 CIE v' : 0.5298
 Duv: 0.0021
 CIE x: 0.4610
 CIE y: 0.4166
 CIE z: 0.1224
 Peak Wavelength (nm): 622
 Dominant Wavelength (nm): 583
 Purity: 63.43685
 R_f: 92.6
 R_g: 98

CRI (Ra): 91.8
 R1: 91.4
 R2: 95.1
 R3: 97.6
 R4: 92.3
 R5: 91.1
 R6: 94.7
 R7: 92.3
 R8: 80.0
 R9: 54.7
 R10: 87.7
 R11: 92.9
 R12: 84.0
 R13: 92.2
 R14: 97.8
 R15: 86.8



Test Conditions

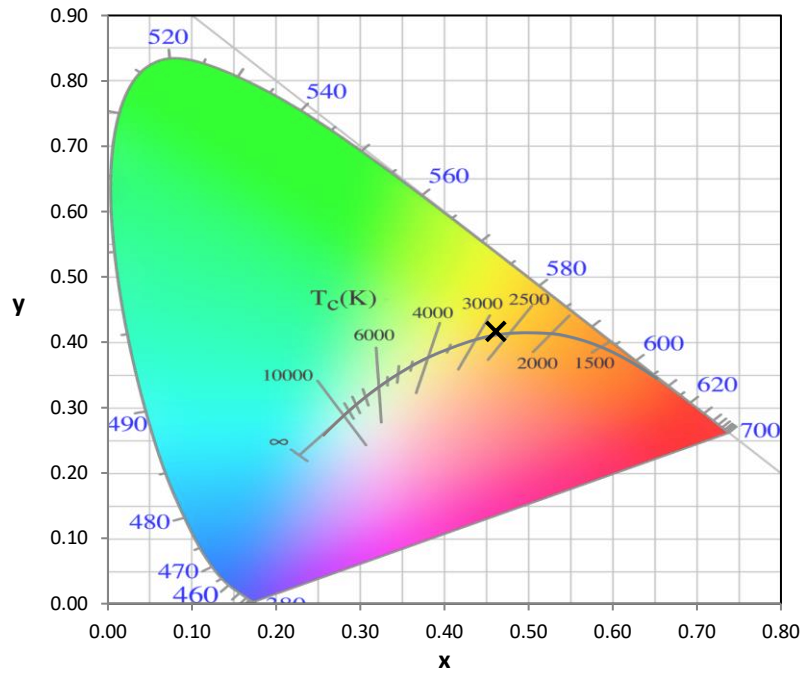
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-13

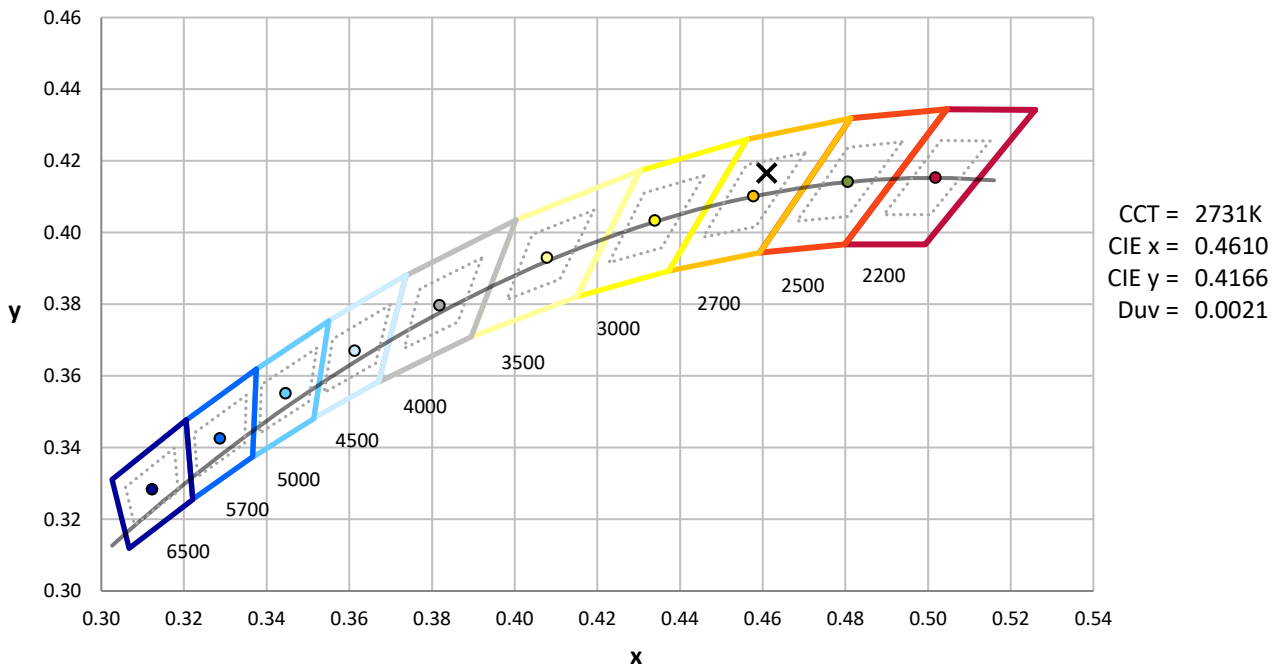
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



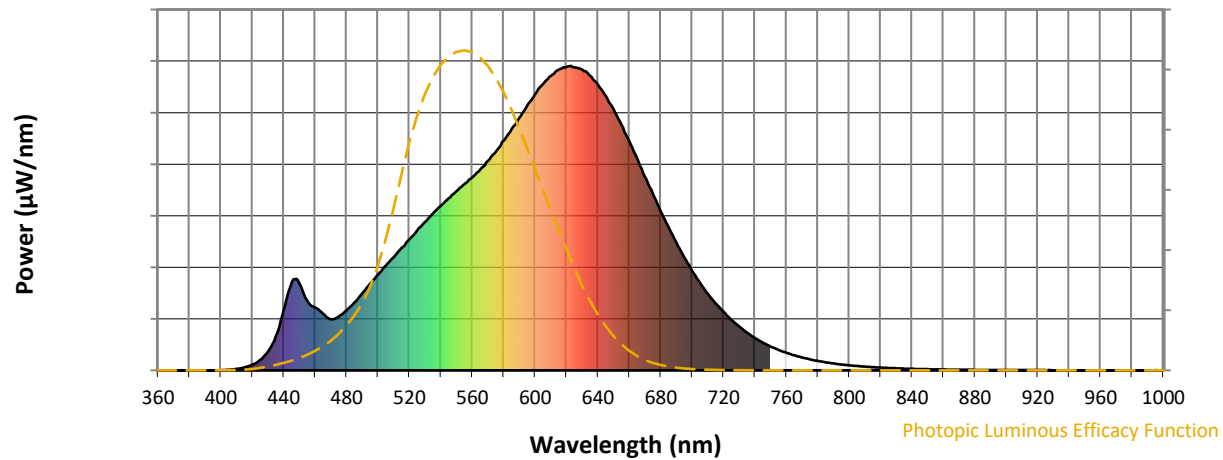
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-13

Photopic Flux vs. Wavelength

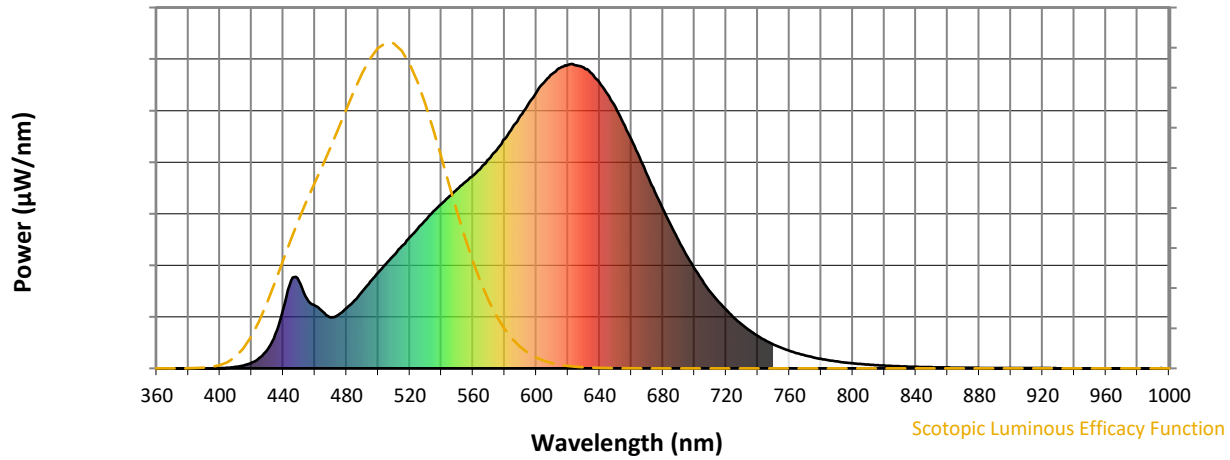


Photopic Lumens: NR

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-13

Scotopic Flux vs. Wavelength



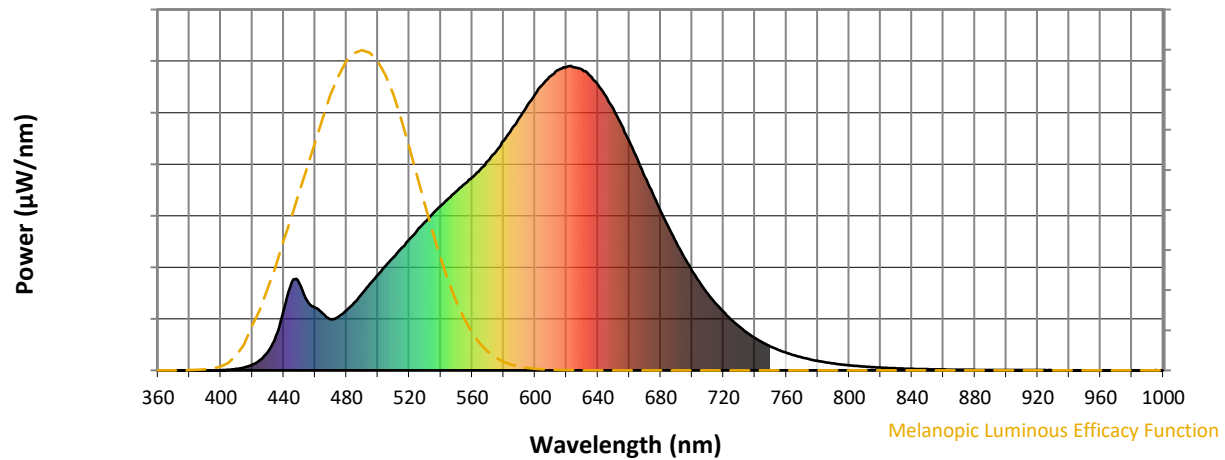
Scotopic Lumens: NR

S/P: 1.27

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.38

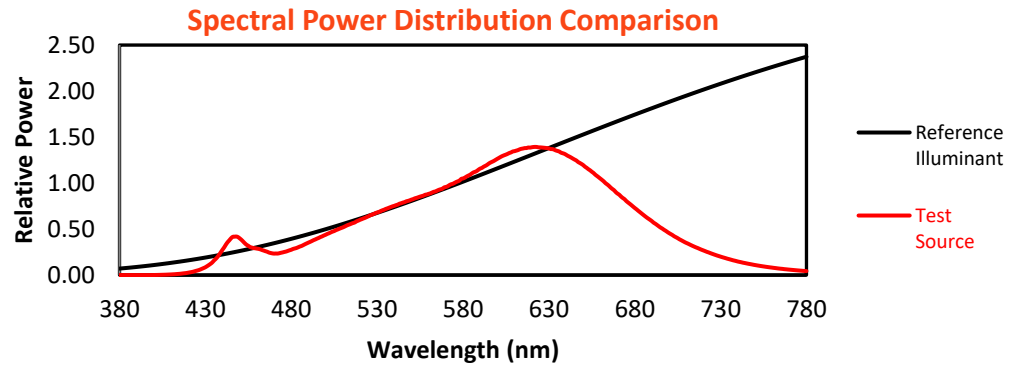
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-13

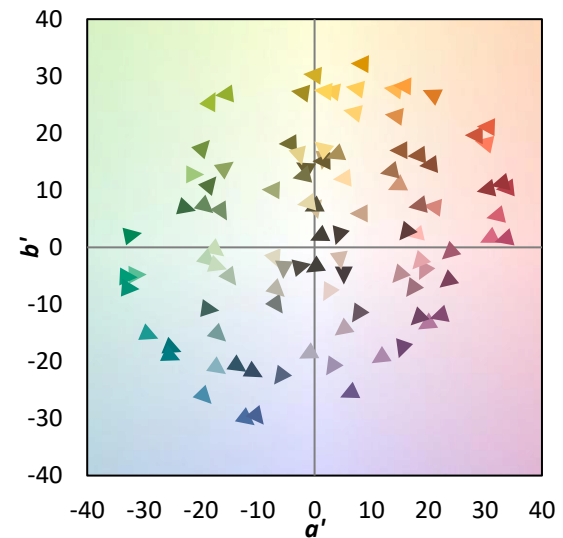
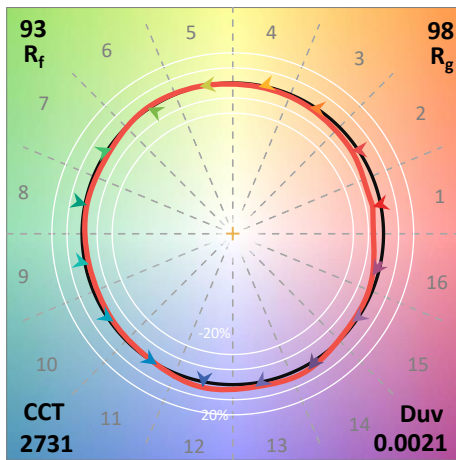
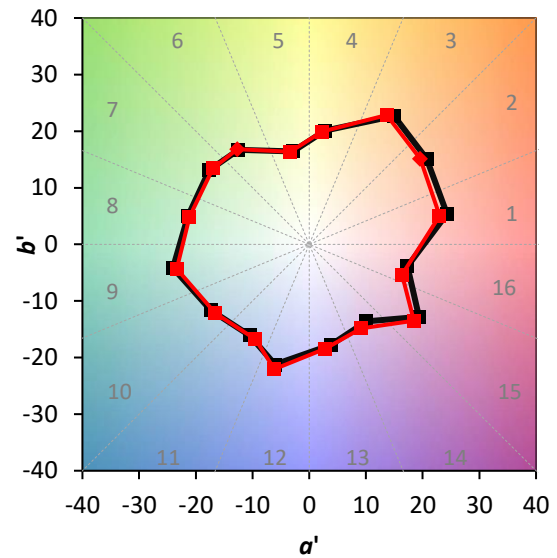
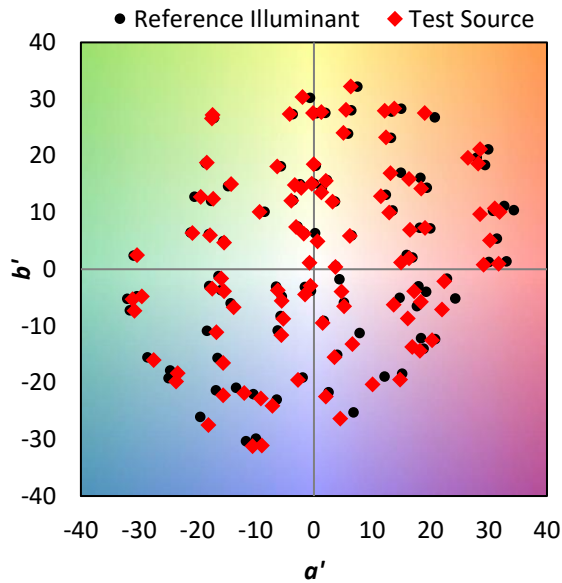
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98$
 $CIE R_a = 91.8$
 $R_9 = 54.7$

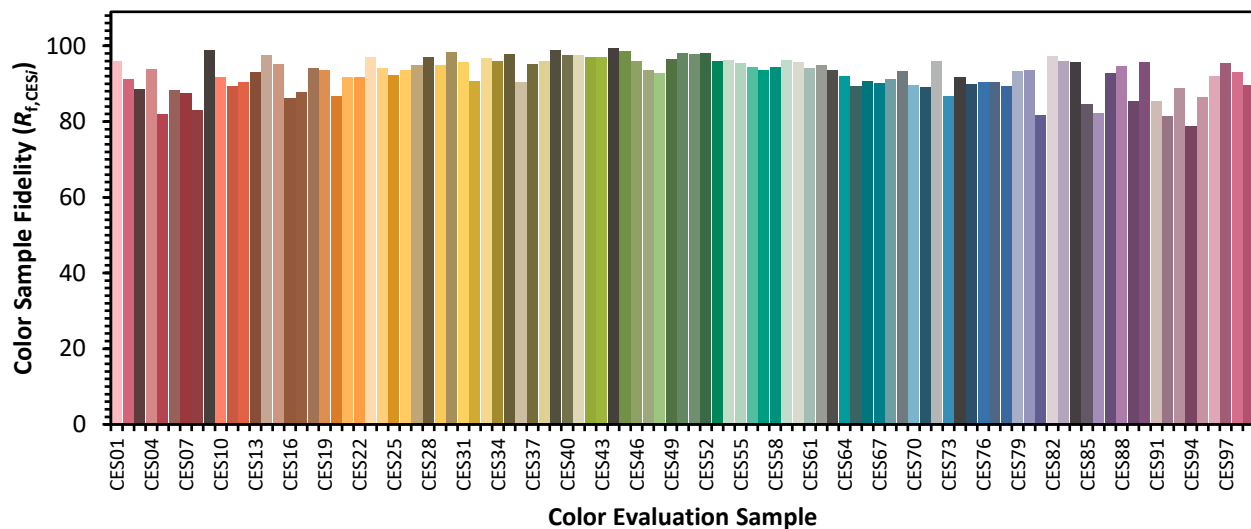


Color Vector Graphics

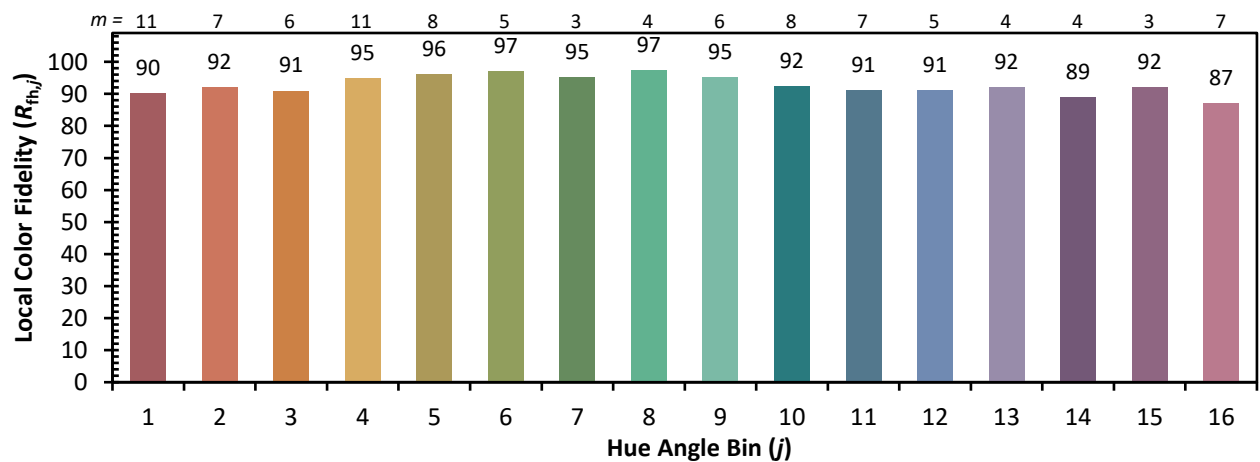
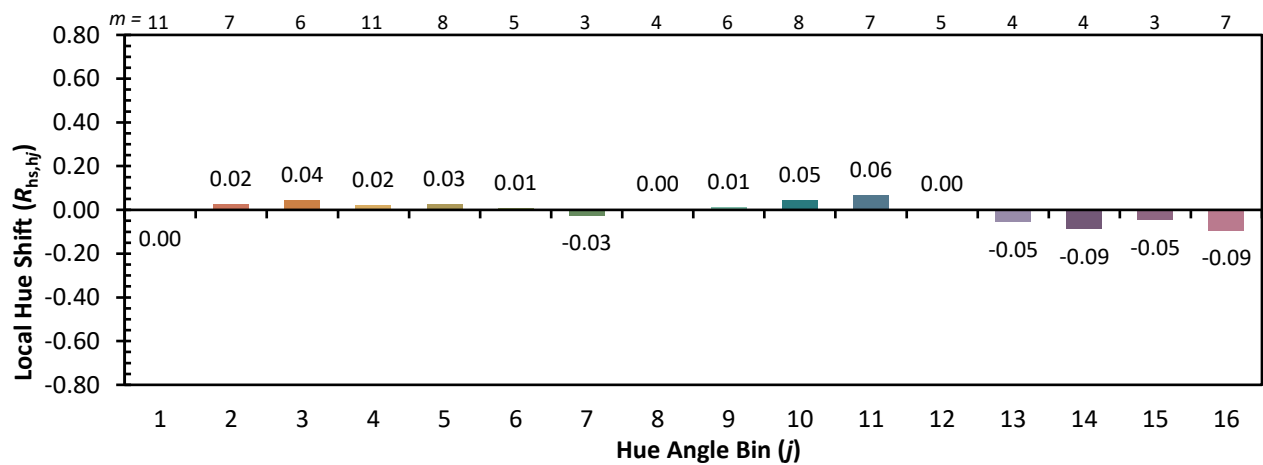
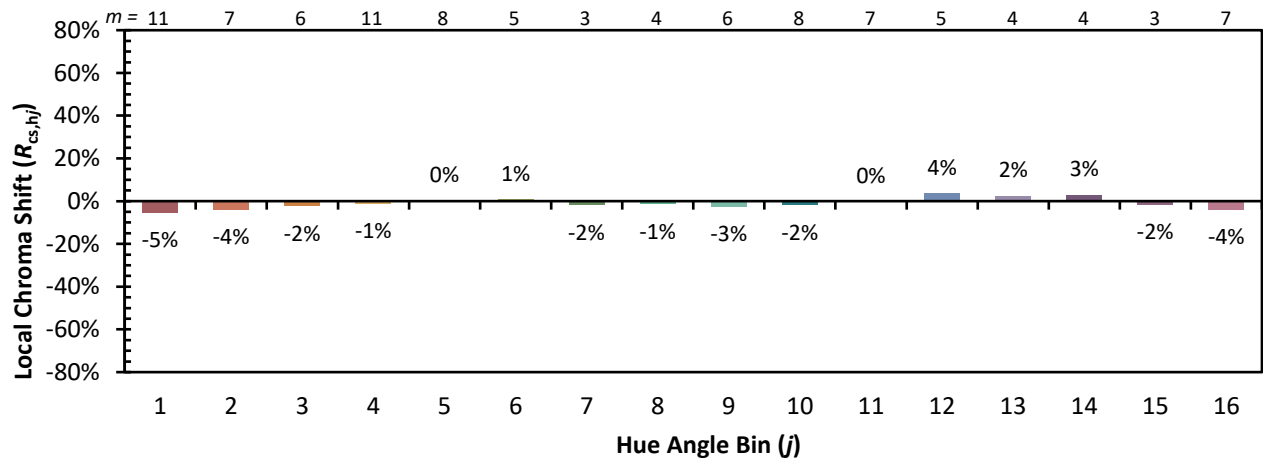


Individual Sample Fidelity Index ($R_{f,i}$)

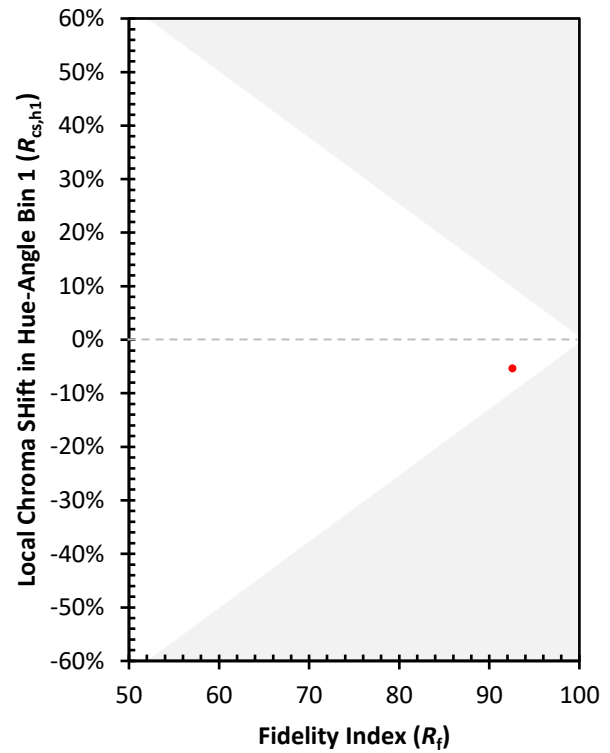
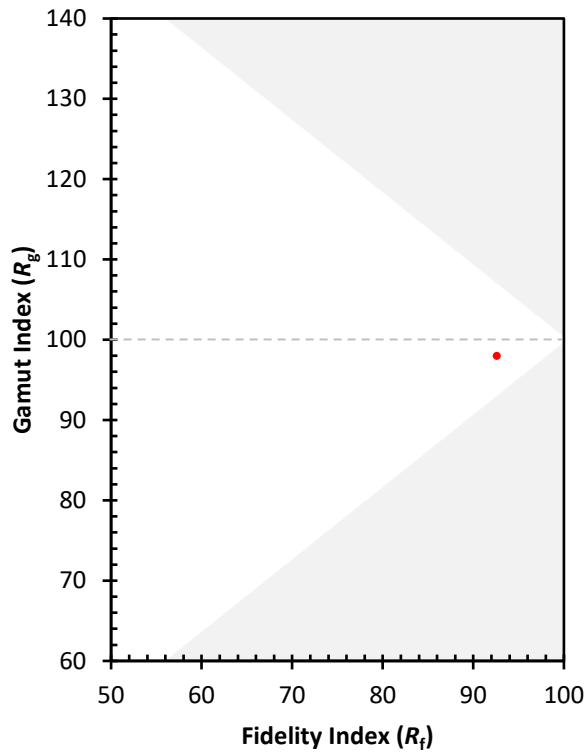
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 43	CES33 = 97	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 96	CES59 = 96	CES84 = 96
CES10 = 77	CES35 = 98	CES60 = 96	CES85 = 85
CES11 = 59	CES36 = 90	CES61 = 94	CES86 = 82
CES12 = 66	CES37 = 95	CES62 = 95	CES87 = 93
CES13 = 44	CES38 = 96	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 91	CES91 = 85
CES17 = 50	CES42 = 97	CES67 = 90	CES92 = 82
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 79
CES20 = 68	CES45 = 99	CES70 = 90	CES95 = 87
CES21 = 87	CES46 = 96	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 94	CES72 = 96	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 87	CES98 = 93
CES24 = 91	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 72	CES50 = 98	CES75 = 90	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)