

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: P1049134

Luminaire Tested: **GALN-SA9B-827-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049134
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9B-827-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (126) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31088.7 lumens
Efficiency: N/A
Efficacy: 99.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

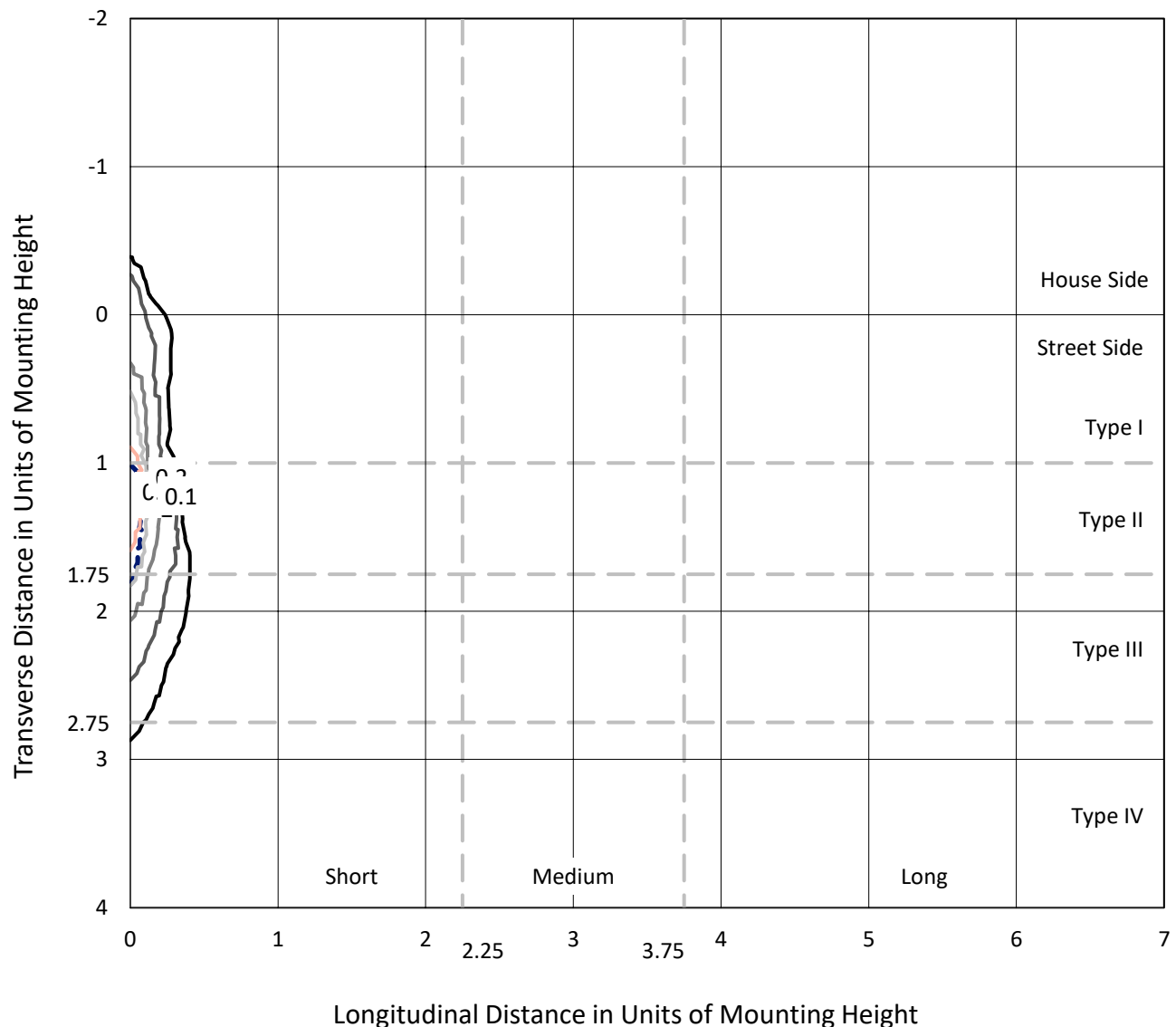
Input Watts (W): 312.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

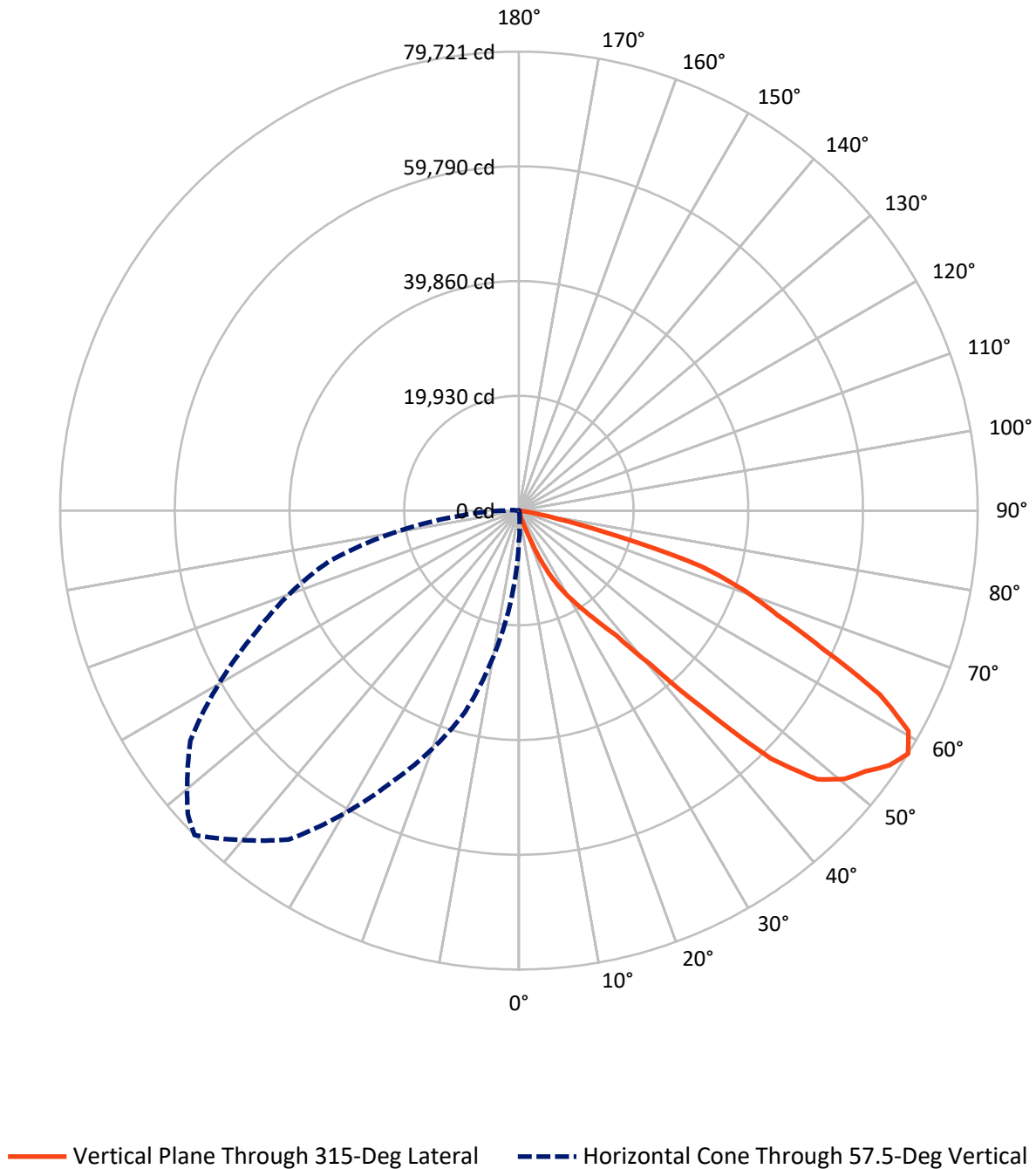


Based on 20 foot mounting height. Maximum calculated value = 4.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	155.7	0.0	155.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	30933.1	0.0	30933.1
	% Fixture	99.5	0.0	99.5
Total	Lumens	31088.7	0.0	31088.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.2	0.0
10°-20°	68.3	0.2
20°-30°	736.8	2.4
30°-40°	2178.7	7.0
40°-50°	6493.2	20.9
50°-60°	10295.9	33.1
60°-70°	8594.6	27.6
70°-80°	2650.2	8.5
80°-90°	58.9	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°	31088.7	100.0
0°-180°	31088.7	100.0

Coefficient of Utilization



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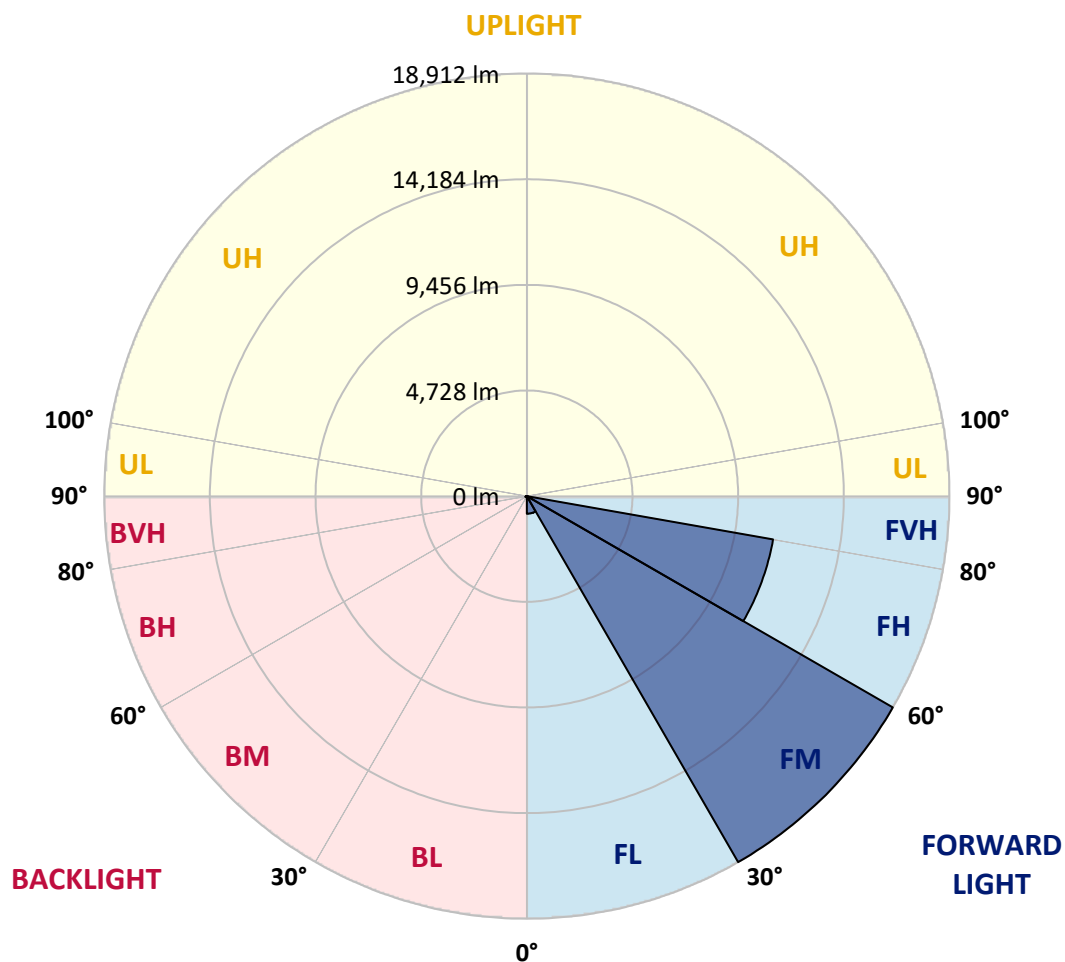
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	788.7	2.5			
FM	(30°-60°)	18912.1	60.8			
FH	(60°-80°)	11186.7	36.0			G4/12000
FVH	(80°-90°)	45.6	0.1			G1/100
BL	(0°-30°)	28.6	0.1	B0/110		
BM	(30°-60°)	55.6	0.2	B0/220		
BH	(60°-80°)	58.1	0.2	B0/110		G0/110
BVH	(80°-90°)	13.4	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3
2.5°	124.5	124.5	124.5	124.5	122.2	122.2	119.8	119.8	117.5	117.5
5°	131.6	131.6	129.2	126.9	126.9	124.5	122.2	119.8	119.8	117.5
7.5°	143.3	141.0	138.6	136.3	131.6	129.2	124.5	122.2	119.8	115.1
10°	157.4	152.7	148.0	143.3	138.6	133.9	129.2	126.9	122.2	119.8
12.5°	176.2	169.2	159.8	152.7	148.0	141.0	136.3	131.6	124.5	119.8
15°	192.6	183.2	171.5	162.1	155.1	145.7	138.6	131.6	126.9	119.8
17.5°	216.1	199.7	180.9	169.2	159.8	148.0	136.3	129.2	122.2	112.8
20°	256.1	223.2	187.9	173.9	159.8	145.7	131.6	122.2	115.1	105.7
22.5°	319.5	263.1	206.7	185.6	166.8	145.7	126.9	117.5	108.1	98.7
25°	441.7	340.7	239.6	211.4	183.2	155.1	126.9	115.1	105.7	94.0
27.5°	587.3	437.0	284.3	244.3	206.7	166.8	126.9	112.8	101.0	86.9
30°	735.3	535.7	333.6	281.9	230.2	178.6	126.9	110.4	96.3	79.9
32.5°	876.3	627.3	375.9	314.8	253.7	190.3	129.2	110.4	91.6	72.8
35°	1019.6	702.5	382.9	319.5	256.1	190.3	126.9	105.7	86.9	65.8
37.5°	1202.9	787.0	368.8	305.4	244.3	180.9	119.8	101.0	82.2	61.1
40°	1480.1	928.0	375.9	310.1	244.3	178.6	112.8	94.0	77.5	58.7
42.5°	1992.2	1200.5	406.4	331.3	256.1	178.6	103.4	86.9	72.8	56.4
45°	3444.1	1994.6	545.0	432.3	319.5	206.7	94.0	79.9	68.1	54.0
47.5°	5697.2	3338.4	979.7	756.5	535.7	312.5	91.6	79.9	68.1	54.0
50°	7271.2	4252.3	1233.4	949.1	664.9	380.6	96.3	82.2	70.5	56.4
52.5°	7259.5	4318.1	1374.4	1054.9	737.7	418.2	101.0	86.9	75.2	61.1
55°	6453.7	3928.1	1400.2	1076.0	754.1	429.9	108.1	94.0	79.9	65.8
57.5°	5394.1	3336.1	1278.0	989.1	702.5	413.5	124.5	108.1	94.0	77.5
60°	4266.4	2631.3	996.1	787.0	580.3	371.2	164.5	143.3	124.5	103.4
62.5°	2946.1	1907.7	869.3	697.8	528.6	357.1	187.9	166.8	148.0	126.9
65°	2083.9	1435.5	784.7	639.0	495.7	350.1	204.4	180.9	159.8	136.3
67.5°	1557.6	1141.8	723.6	599.1	474.6	350.1	225.5	197.3	171.5	143.3
70°	1193.5	937.4	679.0	577.9	479.3	378.2	277.2	237.3	199.7	159.8
72.5°	972.6	801.1	627.3	554.4	481.6	408.8	336.0	284.3	232.6	178.6
75°	805.8	686.0	566.2	505.1	446.4	385.3	324.2	277.2	232.6	185.6
77.5°	535.7	488.7	439.3	404.1	368.8	331.3	296.0	256.1	218.5	178.6
80°	187.9	180.9	173.9	187.9	202.0	216.1	230.2	202.0	176.2	148.0
82.5°	28.2	25.8	23.5	25.8	28.2	30.5	32.9	35.2	37.6	39.9
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°	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3
0.0	2.5°	115.1	115.1	112.8	112.8	112.8	110.4	110.4	108.1	108.1	108.1
0.0	5°	112.8	112.8	110.4	108.1	105.7	105.7	103.4	101.0	101.0	98.7
0.0	7.5°	110.4	108.1	105.7	103.4	101.0	98.7	96.3	94.0	94.0	91.6
0.0	10°	112.8	108.1	105.7	101.0	98.7	96.3	91.6	89.3	86.9	86.9
0.0	12.5°	108.1	105.7	101.0	96.3	94.0	89.3	86.9	82.2	79.9	79.9
0.0	15°	108.1	103.4	96.3	91.6	86.9	84.6	79.9	75.2	72.8	70.5
0.0	17.5°	101.0	96.3	89.3	84.6	79.9	75.2	70.5	65.8	63.4	61.1
0.0	20°	91.6	86.9	79.9	72.8	68.1	63.4	58.7	54.0	51.7	49.3
0.0	22.5°	82.2	77.5	70.5	63.4	58.7	54.0	47.0	42.3	39.9	35.2
0.0	25°	77.5	70.5	63.4	56.4	49.3	44.6	37.6	30.5	25.8	21.1
0.0	27.5°	65.8	58.7	51.7	44.6	37.6	30.5	23.5	16.4	11.7	9.4
0.0	30°	56.4	49.3	42.3	35.2	25.8	18.8	11.7	2.3	2.3	2.3
0.0	32.5°	47.0	39.9	30.5	23.5	18.8	11.7	7.0	0.0	0.0	0.0
0.0	35°	37.6	30.5	21.1	14.1	11.7	7.0	4.7	0.0	0.0	0.0
0.0	37.5°	32.9	25.8	16.4	7.0	4.7	4.7	2.3	0.0	0.0	0.0
0.0	40°	30.5	21.1	11.7	2.3	2.3	2.3	0.0	0.0	0.0	0.0
0.0	42.5°	30.5	21.1	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	30.5	21.1	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	30.5	21.1	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	32.9	23.5	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	37.6	28.2	18.8	9.4	7.0	4.7	2.3	0.0	0.0	0.0
0.0	55°	47.0	42.3	35.2	30.5	23.5	16.4	7.0	0.0	0.0	0.0
0.0	57.5°	61.1	61.1	58.7	56.4	42.3	28.2	14.1	0.0	0.0	0.0
0.0	60°	82.2	82.2	82.2	82.2	61.1	42.3	21.1	0.0	0.0	0.0
0.0	62.5°	101.0	96.3	89.3	84.6	63.4	42.3	21.1	0.0	0.0	0.0
0.0	65°	101.0	91.6	79.9	68.1	51.7	35.2	16.4	0.0	0.0	0.0
0.0	67.5°	94.0	75.2	54.0	35.2	25.8	18.8	9.4	0.0	0.0	0.0
	70°	94.0	65.8	37.6	9.4	7.0	4.7	2.3	0.0	0.0	0.0
	72.5°	94.0	63.4	30.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	103.4	70.5	35.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	103.4	70.5	35.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	91.6	61.1	30.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	30.5	21.1	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3
0.0	2.5°	105.7	105.7	105.7	103.4	103.4	103.4	103.4	101.0	101.0	101.0
0.0	5°	96.3	96.3	94.0	94.0	91.6	91.6	89.3	89.3	86.9	86.9
0.0	7.5°	89.3	86.9	86.9	84.6	82.2	82.2	79.9	79.9	77.5	75.2
0.0	10°	82.2	79.9	79.9	77.5	75.2	72.8	72.8	70.5	68.1	65.8
0.0	12.5°	75.2	72.8	70.5	68.1	65.8	63.4	63.4	61.1	58.7	56.4
0.0	15°	65.8	63.4	61.1	58.7	56.4	54.0	54.0	51.7	49.3	47.0
0.0	17.5°	56.4	54.0	54.0	51.7	49.3	47.0	44.6	39.9	37.6	35.2
0.0	20°	42.3	39.9	37.6	35.2	32.9	28.2	25.8	21.1	16.4	14.1
0.0	22.5°	28.2	23.5	21.1	16.4	11.7	9.4	7.0	2.3	0.0	0.0
0.0	25°	9.4	7.0	4.7	2.3	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: P1049134

CATALOG NUMBER: GALN-SA9B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049134

CATALOG NUMBER: GALN-SA9B-827-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3
0.0	2.5°	98.7	98.7	98.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3
0.0	5°	84.6	84.6	84.6	82.2	82.2	79.9	79.9	79.9	77.5	77.5
0.0	7.5°	72.8	70.5	70.5	68.1	68.1	65.8	65.8	65.8	63.4	63.4
0.0	10°	61.1	58.7	58.7	56.4	56.4	54.0	54.0	51.7	51.7	49.3
0.0	12.5°	54.0	51.7	49.3	47.0	47.0	44.6	42.3	42.3	39.9	37.6
0.0	15°	42.3	39.9	37.6	35.2	32.9	30.5	28.2	28.2	25.8	23.5
0.0	17.5°	28.2	23.5	21.1	18.8	18.8	16.4	14.1	11.7	9.4	7.0
0.0	20°	7.0	4.7	2.3	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: P1049134

CATALOG NUMBER: GALN-SA9B-827-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°	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3
0.0	2.5°	96.3	94.0	94.0	94.0	96.3	96.3	96.3	96.3	96.3	96.3
0.0	5°	77.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
0.0	7.5°	63.4	61.1	61.1	61.1	61.1	58.7	58.7	58.7	58.7	58.7
0.0	10°	49.3	47.0	47.0	47.0	47.0	44.6	44.6	44.6	44.6	44.6
0.0	12.5°	35.2	35.2	32.9	32.9	32.9	30.5	30.5	30.5	30.5	28.2
0.0	15°	21.1	18.8	16.4	16.4	16.4	14.1	14.1	14.1	14.1	11.7
0.0	17.5°	4.7	4.7	2.3	2.3	2.3	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: P1049134

CATALOG NUMBER: GALN-SA9B-827-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3
0.0	2.5°	98.7	98.7	101.0	101.0	103.4	108.1	110.4	112.8	117.5	122.2
0.0	5°	77.5	79.9	79.9	82.2	84.6	86.9	89.3	91.6	96.3	101.0
0.0	7.5°	61.1	61.1	63.4	63.4	65.8	70.5	72.8	75.2	79.9	86.9
0.0	10°	47.0	47.0	49.3	49.3	51.7	56.4	58.7	61.1	65.8	72.8
0.0	12.5°	30.5	32.9	32.9	35.2	37.6	42.3	44.6	47.0	51.7	56.4
0.0	15°	14.1	16.4	16.4	18.8	21.1	25.8	28.2	30.5	35.2	42.3
0.0	17.5°	2.3	2.3	4.7	4.7	7.0	9.4	11.7	14.1	21.1	25.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	9.4
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049134

CATALOG NUMBER: GALN-SA9B-827-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°	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3
0.0	2.5°	129.2	133.9	138.6	143.3	148.0	152.7	155.1	159.8	162.1	164.5
0.0	5°	110.4	115.1	122.2	126.9	131.6	136.3	141.0	143.3	145.7	148.0
0.0	7.5°	96.3	101.0	108.1	112.8	117.5	122.2	126.9	131.6	133.9	136.3
0.0	10°	82.2	89.3	94.0	101.0	105.7	110.4	115.1	119.8	124.5	126.9
0.0	12.5°	65.8	72.8	79.9	84.6	91.6	98.7	103.4	108.1	112.8	117.5
0.0	15°	51.7	58.7	65.8	70.5	77.5	84.6	91.6	96.3	101.0	105.7
0.0	17.5°	37.6	44.6	51.7	56.4	63.4	70.5	75.2	82.2	86.9	91.6
0.0	20°	18.8	25.8	32.9	39.9	47.0	54.0	58.7	65.8	70.5	75.2
0.0	22.5°	2.3	9.4	16.4	21.1	28.2	35.2	39.9	47.0	51.7	56.4
0.0	25°	0.0	2.3	7.0	9.4	11.7	16.4	21.1	25.8	30.5	35.2
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.3	4.7	9.4	14.1	18.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
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	2.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.3	4.7
	85°	0.0	0.0	0.0	0.0	0.0	4.7	7.0	11.7	14.1	16.4
	87.5°	0.0	2.3	4.7	7.0	9.4	14.1	18.8	23.5	25.8	28.2
	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: P1049134

CATALOG NUMBER: GALN-SA9B-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
136.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
2.3											
9.4											
21.1											
30.5											
0.0											
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REPORT NUMBER: P1049134

CATALOG NUMBER: GALN-SA9B-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3
0.0	2.5°	166.8	166.8	166.8	166.8	164.5	164.5	164.5	162.1	162.1	159.8
0.0	5°	152.7	155.1	155.1	155.1	155.1	155.1	155.1	155.1	152.7	152.7
0.0	7.5°	141.0	143.3	145.7	145.7	148.0	148.0	148.0	145.7	145.7	143.3
0.0	10°	133.9	136.3	136.3	138.6	138.6	138.6	138.6	138.6	138.6	138.6
0.0	12.5°	124.5	126.9	129.2	129.2	131.6	131.6	131.6	131.6	129.2	129.2
0.0	15°	112.8	117.5	119.8	122.2	122.2	124.5	124.5	124.5	124.5	124.5
0.0	17.5°	103.4	108.1	110.4	112.8	112.8	115.1	115.1	117.5	117.5	117.5
0.0	20°	84.6	89.3	91.6	96.3	98.7	101.0	103.4	105.7	105.7	108.1
0.0	22.5°	65.8	70.5	72.8	77.5	79.9	82.2	84.6	86.9	89.3	91.6
0.0	25°	47.0	51.7	54.0	58.7	61.1	63.4	65.8	68.1	68.1	70.5
0.0	27.5°	25.8	30.5	35.2	37.6	42.3	44.6	47.0	49.3	51.7	54.0
0.0	30°	11.7	14.1	16.4	21.1	23.5	25.8	28.2	32.9	35.2	37.6
0.0	32.5°	0.0	0.0	2.3	7.0	9.4	11.7	14.1	16.4	16.4	18.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.3	4.7	7.0	9.4
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	4.7	4.7	4.7	7.0	7.0	7.0	7.0	7.0	7.0	7.0
	82.5°	11.7	14.1	16.4	16.4	18.8	18.8	18.8	18.8	16.4	16.4
	85°	23.5	25.8	28.2	28.2	30.5	30.5	30.5	30.5	30.5	30.5
	87.5°	32.9	35.2	37.6	37.6	39.9	39.9	39.9	39.9	39.9	39.9
	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

REPORT NUMBER: P1049134

CATALOG NUMBER: GALN-SA9B-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
136.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	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											
7.0											
16.4											
30.5											
39.9											
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REPORT NUMBER: P1049134

CATALOG NUMBER: GALN-SA9B-827-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°	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3
0.0	2.5°	157.4	157.4	155.1	155.1	155.1	155.1	155.1	157.4	159.8	159.8
0.0	5°	150.4	150.4	148.0	148.0	148.0	150.4	150.4	152.7	155.1	157.4
0.0	7.5°	143.3	141.0	141.0	143.3	143.3	145.7	145.7	148.0	150.4	152.7
0.0	10°	138.6	136.3	136.3	136.3	138.6	138.6	141.0	143.3	145.7	148.0
0.0	12.5°	129.2	129.2	129.2	129.2	131.6	131.6	133.9	136.3	141.0	143.3
0.0	15°	124.5	122.2	122.2	122.2	122.2	124.5	124.5	129.2	133.9	136.3
0.0	17.5°	115.1	115.1	112.8	112.8	115.1	115.1	117.5	122.2	126.9	129.2
0.0	20°	105.7	103.4	101.0	101.0	103.4	103.4	105.7	110.4	115.1	117.5
0.0	22.5°	91.6	89.3	89.3	89.3	89.3	91.6	91.6	96.3	103.4	108.1
0.0	25°	72.8	75.2	75.2	77.5	77.5	79.9	82.2	86.9	94.0	98.7
0.0	27.5°	56.4	58.7	58.7	63.4	65.8	68.1	70.5	77.5	84.6	89.3
0.0	30°	42.3	44.6	47.0	49.3	54.0	58.7	63.4	70.5	77.5	82.2
0.0	32.5°	25.8	30.5	32.9	37.6	42.3	47.0	51.7	58.7	68.1	75.2
0.0	35°	18.8	21.1	25.8	28.2	32.9	37.6	42.3	51.7	58.7	68.1
0.0	37.5°	9.4	14.1	18.8	23.5	28.2	32.9	37.6	47.0	56.4	63.4
0.0	40°	7.0	11.7	14.1	18.8	25.8	30.5	35.2	44.6	54.0	63.4
0.0	42.5°	4.7	7.0	9.4	16.4	21.1	28.2	35.2	44.6	54.0	63.4
0.0	45°	4.7	4.7	7.0	14.1	21.1	30.5	37.6	47.0	54.0	63.4
0.0	47.5°	4.7	7.0	9.4	18.8	23.5	30.5	37.6	44.6	54.0	61.1
0.0	50°	7.0	9.4	11.7	21.1	25.8	32.9	37.6	47.0	54.0	63.4
0.0	52.5°	4.7	7.0	9.4	18.8	25.8	35.2	42.3	51.7	61.1	68.1
0.0	55°	2.3	2.3	2.3	14.1	28.2	39.9	54.0	61.1	70.5	77.5
0.0	57.5°	0.0	0.0	0.0	9.4	28.2	44.6	61.1	70.5	79.9	86.9
0.0	60°	0.0	0.0	0.0	9.4	28.2	44.6	61.1	72.8	84.6	96.3
0.0	62.5°	0.0	0.0	0.0	9.4	23.5	37.6	51.7	70.5	91.6	110.4
0.0	65°	0.0	0.0	0.0	7.0	18.8	30.5	42.3	70.5	98.7	124.5
0.0	67.5°	0.0	0.0	0.0	7.0	18.8	28.2	39.9	70.5	98.7	129.2
	70°	0.0	0.0	0.0	7.0	18.8	30.5	42.3	70.5	98.7	126.9
	72.5°	0.0	0.0	0.0	7.0	21.1	32.9	47.0	70.5	94.0	117.5
	75°	0.0	0.0	0.0	9.4	21.1	35.2	49.3	70.5	91.6	110.4
	77.5°	0.0	0.0	0.0	7.0	21.1	32.9	47.0	68.1	89.3	108.1
	80°	7.0	4.7	4.7	11.7	21.1	30.5	39.9	61.1	84.6	105.7
	82.5°	14.1	14.1	11.7	16.4	21.1	28.2	35.2	54.0	75.2	94.0
	85°	28.2	28.2	25.8	28.2	28.2	30.5	32.9	42.3	51.7	61.1
	87.5°	37.6	37.6	35.2	35.2	35.2	32.9	32.9	32.9	32.9	30.5
	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

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
136.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.1											
141.0											
131.6											
129.2											
126.9											
112.8											
70.5											
30.5											
0.0											
0.0											
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REPORT NUMBER: P1049134

CATALOG NUMBER: GALN-SA9B-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3
0.0	2.5°	164.5	166.8	166.8	169.2	171.5	173.9	173.9	176.2	176.2	176.2
0.0	5°	162.1	166.8	169.2	171.5	173.9	176.2	178.6	180.9	183.2	183.2
0.0	7.5°	159.8	162.1	166.8	169.2	173.9	176.2	180.9	183.2	185.6	187.9
0.0	10°	155.1	159.8	164.5	169.2	173.9	178.6	183.2	187.9	192.6	195.0
0.0	12.5°	150.4	157.4	162.1	166.8	173.9	180.9	185.6	192.6	197.3	202.0
0.0	15°	148.0	152.7	159.8	164.5	173.9	183.2	190.3	199.7	209.1	216.1
0.0	17.5°	141.0	150.4	157.4	164.5	173.9	185.6	195.0	204.4	218.5	232.6
0.0	20°	131.6	138.6	148.0	155.1	169.2	180.9	195.0	206.7	227.9	249.0
0.0	22.5°	122.2	131.6	138.6	148.0	164.5	178.6	195.0	209.1	244.3	277.2
0.0	25°	112.8	124.5	133.9	143.3	162.1	180.9	199.7	218.5	277.2	336.0
0.0	27.5°	108.1	117.5	129.2	138.6	162.1	187.9	211.4	234.9	328.9	420.5
0.0	30°	101.0	112.8	122.2	133.9	164.5	195.0	225.5	256.1	399.4	542.7
0.0	32.5°	94.0	105.7	117.5	129.2	169.2	209.1	246.7	286.6	474.6	660.2
0.0	35°	86.9	101.0	112.8	124.5	176.2	230.2	281.9	333.6	542.7	749.4
0.0	37.5°	84.6	98.7	110.4	122.2	178.6	232.6	289.0	343.0	549.7	756.5
0.0	40°	86.9	98.7	112.8	124.5	171.5	218.5	263.1	310.1	526.3	740.0
0.0	42.5°	86.9	101.0	115.1	129.2	166.8	204.4	242.0	279.6	519.2	758.8
0.0	45°	84.6	98.7	112.8	126.9	162.1	195.0	230.2	263.1	561.5	857.5
0.0	47.5°	82.2	96.3	110.4	124.5	159.8	195.0	230.2	265.5	725.9	1184.1
0.0	50°	82.2	96.3	108.1	119.8	162.1	206.7	249.0	291.3	1057.2	1820.7
0.0	52.5°	86.9	98.7	108.1	117.5	166.8	218.5	267.8	317.2	1343.8	2368.1
0.0	55°	94.0	101.0	110.4	117.5	178.6	237.3	298.4	357.1	1430.8	2504.4
0.0	57.5°	103.4	110.4	117.5	124.5	199.7	274.9	347.7	422.9	1437.8	2450.4
0.0	60°	115.1	124.5	131.6	138.6	218.5	300.7	380.6	460.5	1301.5	2140.3
0.0	62.5°	141.0	152.7	162.1	173.9	251.4	326.6	404.1	479.3	1080.7	1682.1
0.0	65°	162.1	171.5	180.9	190.3	265.5	343.0	418.2	493.4	916.2	1339.1
0.0	67.5°	166.8	176.2	183.2	192.6	270.2	347.7	422.9	500.4	784.7	1066.6
	70°	169.2	180.9	195.0	206.7	286.6	366.5	444.0	523.9	695.4	866.9
	72.5°	162.1	185.6	206.7	227.9	303.1	375.9	451.1	523.9	646.1	768.2
	75°	162.1	195.0	225.5	256.1	312.5	366.5	422.9	476.9	570.9	664.9
	77.5°	171.5	213.8	256.1	298.4	331.3	361.8	394.7	425.2	486.3	547.4
	80°	171.5	216.1	258.4	303.1	317.2	333.6	347.7	361.8	368.8	375.9
	82.5°	148.0	183.2	218.5	253.7	237.3	220.8	204.4	187.9	176.2	162.1
	85°	75.2	82.2	86.9	91.6	84.6	77.5	70.5	63.4	58.7	51.7
	87.5°	30.5	30.5	28.2	28.2	28.2	28.2	25.8	25.8	25.8	25.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA9B-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
136.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
199.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
209.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
227.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
251.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
289.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
368.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
695.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
942.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1177.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1336.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1456.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1576.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1811.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2281.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3477.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5326.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6705.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6857.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6188.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5290.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4134.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3124.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2307.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1632.8											
1214.6											
883.4											
664.9											
373.5											
169.2											
49.3											
23.5											
0.0											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1049134

CATALOG NUMBER: GALN-SA9B-827-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°	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3
0.0	2.5°	176.2	173.9	173.9	171.5	169.2	166.8	164.5	162.1	159.8	157.4
0.0	5°	183.2	183.2	183.2	180.9	180.9	178.6	178.6	176.2	173.9	171.5
0.0	7.5°	190.3	192.6	192.6	195.0	195.0	195.0	195.0	192.6	192.6	192.6
0.0	10°	202.0	204.4	206.7	209.1	211.4	213.8	213.8	216.1	216.1	216.1
0.0	12.5°	216.1	223.2	227.9	234.9	239.6	246.7	251.4	258.4	263.1	267.8
0.0	15°	237.3	249.0	263.1	274.9	286.6	303.1	321.9	338.3	354.8	380.6
0.0	17.5°	267.8	305.4	343.0	378.2	415.8	498.1	580.3	660.2	742.4	862.2
0.0	20°	326.6	439.3	549.7	662.5	772.9	1061.9	1348.5	1637.5	1924.1	2231.9
0.0	22.5°	458.1	735.3	1012.6	1289.8	1567.0	2170.8	2772.2	3376.0	3977.5	4684.6
0.0	25°	664.9	1174.7	1684.5	2191.9	2701.8	3646.2	4593.0	5537.4	6481.9	7400.5
0.0	27.5°	967.9	1747.9	2527.9	3305.5	4085.5	5365.9	6648.7	7929.1	9209.5	10247.9
0.0	30°	1341.5	2398.7	3455.9	4513.1	5570.3	7026.9	8483.5	9937.8	11394.3	12529.1
0.0	32.5°	1693.9	2988.4	4282.9	5575.0	6869.5	8528.1	10189.1	11847.8	13506.4	14746.9
0.0	35°	1924.1	3488.8	5055.8	6620.5	8185.1	9980.0	11774.9	13567.5	15362.4	16779.1
0.0	37.5°	2154.4	3961.0	5765.3	7572.0	9376.3	11347.4	13318.5	15289.6	17260.7	19010.9
0.0	40°	2412.8	4531.9	6648.7	8767.8	10884.5	13219.8	15552.7	17888.0	20220.9	22690.0
0.0	42.5°	2861.5	5478.7	8098.2	10715.4	13332.6	16422.0	19511.4	22598.4	25687.8	29211.8
0.0	45°	3704.9	7393.4	11084.2	14772.7	18461.2	22553.8	26648.7	30741.2	34833.8	39523.1
0.0	47.5°	5770.0	10844.6	15916.8	20991.4	26063.7	30482.8	34899.6	39318.7	43735.5	48406.0
0.0	50°	8828.9	14735.1	20641.4	26545.3	32451.6	36450.2	40446.4	44445.0	48441.3	52883.9
0.0	52.5°	11041.9	17194.9	23350.2	29503.1	35656.1	39264.7	42875.6	46484.2	50092.8	54244.1
0.0	55°	11208.8	17326.5	23446.5	29564.2	35681.9	39307.0	42932.0	46557.1	50182.1	54582.5
0.0	57.5°	9923.7	15992.0	22058.1	28126.4	34192.4	38320.3	42445.7	46573.5	50699.0	55456.4
0.0	60°	8441.2	14511.9	20580.3	26651.0	32719.4	37474.5	42231.9	46987.0	51742.1	56198.8
0.0	62.5°	6585.2	12829.8	19076.7	25321.3	31565.9	36393.8	41221.7	46047.3	50875.2	54218.3
0.0	65°	4907.8	10971.5	17035.1	23096.5	29160.1	33027.2	36894.2	40758.9	44625.9	46695.7
0.0	67.5°	3547.5	8777.2	14004.5	19234.1	24461.4	27229.0	29996.5	32761.7	35529.2	37112.7
	70°	2398.7	6021.4	9641.7	13264.4	16884.8	19159.0	21435.5	23709.6	25983.8	28121.7
	72.5°	1661.0	3695.5	5732.4	7767.0	9801.5	12089.8	14375.7	16663.9	18949.9	21212.3
	75°	1101.8	2027.5	2955.5	3881.1	4806.8	5500.7	6196.9	6890.8	7584.6	8283.2
	77.5°	782.3	1059.6	1339.1	1616.4	1893.6	2210.7	2530.3	2847.4	3164.6	3464.2
	80°	371.2	406.4	441.7	474.6	509.8	542.9	574.0	605.2	635.3	664.2
	82.5°	176.2	190.3	204.4	216.1	230.2	242.0	253.7	265.5	277.2	288.5
	85°	47.0	47.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	47.0
	87.5°	21.1	21.1	21.1	21.1	21.1	21.1	21.1	18.8	18.8	16.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
136.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
218.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
408.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
979.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2542.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5391.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8319.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11286.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13666.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15989.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18195.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20763.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25159.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32735.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44212.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53076.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57326.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58395.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58985.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60213.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60653.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57563.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48767.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38698.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30257.3											
23474.7											
14281.7											
4127.8											
1214.6											
251.4											
44.6											
16.4											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3
0.0	2.5°	152.7	150.4	148.0	145.7	143.3	138.6	138.6	136.3	136.3
0.0	5°	166.8	164.5	162.1	159.8	159.8	157.4	155.1	155.1	152.7
0.0	7.5°	190.3	187.9	185.6	183.2	183.2	180.9	180.9	178.6	178.6
0.0	10°	218.5	218.5	218.5	218.5	218.5	216.1	216.1	216.1	213.8
0.0	12.5°	274.9	277.2	281.9	286.6	293.7	293.7	293.7	291.3	291.3
0.0	15°	434.6	460.5	479.3	498.1	514.5	552.1	547.4	540.4	535.7
0.0	17.5°	1099.5	1217.0	1280.4	1341.5	1404.9	1578.8	1550.6	1522.4	1496.5
0.0	20°	2849.8	3157.5	3361.9	3566.3	3773.1	4099.6	4019.7	3939.9	3860.0
0.0	22.5°	6096.6	6803.7	7111.5	7419.2	7724.7	8119.4	7863.3	7607.2	7353.5
0.0	25°	9235.3	10153.9	10673.1	11192.3	11709.2	11934.7	11601.1	11265.1	10931.5
0.0	27.5°	12324.7	13363.1	13821.2	14277.0	14735.1	15207.3	14793.9	14378.0	13964.5
0.0	30°	14800.9	15935.6	16431.4	16924.7	17420.4	17749.3	17321.8	16891.8	16464.2
0.0	32.5°	17230.1	18470.6	19013.3	19556.0	20096.3	20568.6	20042.3	19513.7	18987.4
0.0	35°	19610.0	21026.7	21773.8	22520.9	23268.0	23707.3	23082.4	22455.1	21830.2
0.0	37.5°	22513.8	24264.1	25100.5	25936.8	26773.2	27574.3	26886.0	26195.3	25506.9
0.0	40°	27628.4	30097.5	31380.3	32665.4	33948.1	34981.8	34112.6	33243.3	32374.0
0.0	42.5°	36259.9	39783.9	41628.1	43470.0	45314.3	46928.3	46014.4	45100.5	44186.6
0.0	45°	48901.7	53591.0	55839.4	58085.3	60333.7	61513.0	60197.4	58879.4	57563.8
0.0	47.5°	57744.7	62415.2	64416.8	66418.5	68420.1	69766.3	68157.0	66547.7	64940.7
0.0	50°	61766.8	66209.4	68218.1	70224.4	72233.1	73302.1	71443.7	69583.1	67724.7
0.0	52.5°	62544.4	66695.7	69092.0	71490.7	73887.1	75315.5	73121.2	70924.5	68730.2
0.0	55°	63385.5	67785.8	70565.1	73346.7	76126.0	78104.2	75623.2	73140.0	70659.1
0.0	57.5°	64968.9	69726.4	72498.6	75268.5	78040.7	79720.5	77232.5	74742.2	72254.3
0.0	60°	65109.9	69564.3	71946.5	74331.1	76713.3	77770.5	75390.7	73008.4	70628.5
0.0	62.5°	60906.9	64250.0	65904.0	67557.9	69211.9	70360.7	67877.4	65391.8	62908.6
0.0	65°	50837.6	52907.4	54225.4	55543.3	56861.3	58231.0	55956.8	53682.7	51408.5
0.0	67.5°	40282.0	41865.4	43601.6	45337.8	47073.9	48537.6	46716.8	44893.7	43073.0
	70°	32395.2	34530.8	36483.1	38435.4	40387.7	41585.8	39758.1	37927.9	36100.1
	72.5°	25737.1	27999.6	29630.0	31258.1	32888.6	33182.2	31838.4	30494.6	29153.1
	75°	15627.9	16976.4	17009.3	17039.8	17072.7	17352.3	16238.7	15125.1	14013.9
	77.5°	4609.4	5091.0	5488.1	5882.8	6279.8	6759.1	6350.3	5939.2	5530.4
	80°	1334.4	1456.6	1560.0	1661.0	1764.4	1703.3	1607.0	1510.6	1414.3
	82.5°	239.6	225.5	223.2	220.8	220.8	209.1	190.3	171.5	152.7
	85°	42.3	39.9	37.6	35.2	32.9	30.5	25.8	23.5	18.8
	87.5°	14.1	11.7	9.4	7.0	7.0	2.3	2.3	2.3	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: P1049134

CATALOG NUMBER: GALN-SA9B-827-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°	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3	136.3
0.0	0.0	2.5°	133.9	131.6	131.6	131.6	131.6	129.2	129.2	129.2	129.2
0.0	0.0	5°	148.0	148.0	145.7	145.7	143.3	143.3	141.0	141.0	138.6
0.0	0.0	7.5°	173.9	171.5	169.2	166.8	164.5	159.8	157.4	155.1	155.1
0.0	0.0	10°	209.1	204.4	202.0	197.3	195.0	190.3	185.6	180.9	176.2
0.0	0.0	12.5°	274.9	265.5	258.4	249.0	239.6	232.6	223.2	216.1	206.7
0.0	0.0	15°	476.9	453.4	427.6	397.0	364.1	333.6	300.7	281.9	260.8
0.0	0.0	17.5°	1219.3	1097.1	972.6	871.6	770.6	671.9	570.9	498.1	425.2
0.0	0.0	20°	3103.5	2765.2	2426.9	2093.3	1757.3	1423.7	1087.7	918.6	749.4
0.0	0.0	22.5°	5840.5	5213.2	4583.6	3975.1	3364.3	2755.8	2147.3	1764.4	1383.8
0.0	0.0	25°	9014.5	8225.1	7435.7	6434.9	5431.7	4430.9	3430.1	2807.5	2184.9
0.0	0.0	27.5°	11730.3	10821.1	9911.9	8694.9	7478.0	6261.0	5044.1	4116.1	3190.4
0.0	0.0	30°	14082.0	13104.7	12127.3	10710.7	9294.0	7877.4	6460.7	5300.1	4139.6
0.0	0.0	32.5°	16121.2	14951.3	13781.3	12320.0	10858.7	9397.4	7936.1	6512.4	5088.7
0.0	0.0	35°	18472.9	17108.0	15740.6	14119.6	12496.2	10875.1	9254.1	7647.1	6037.8
0.0	0.0	37.5°	21461.3	19786.2	18108.8	16302.1	14495.5	12691.2	10884.5	9047.3	7210.2
0.0	0.0	40°	27182.0	25020.6	22859.2	20563.9	18266.2	15970.9	13675.6	11420.2	9164.8
0.0	0.0	42.5°	37432.2	34512.0	31591.7	28537.6	25481.1	22426.9	19370.4	16189.4	13006.0
0.0	0.0	45°	49000.4	45377.7	41752.7	38325.0	34894.9	31467.2	28039.5	23674.4	19309.3
0.0	0.0	47.5°	55505.8	51594.1	47682.4	44438.0	41193.5	37949.1	34704.6	29998.9	25293.1
0.0	0.0	50°	57899.7	53917.6	49935.4	46949.4	43961.0	40975.0	37986.6	33273.8	28558.7
0.0	0.0	52.5°	58409.5	54347.5	50285.5	47280.7	44275.9	41273.4	38268.6	33586.3	28904.1
0.0	0.0	55°	59457.4	55099.3	50738.9	47313.6	43888.2	40462.9	37037.5	32280.1	27522.6
0.0	0.0	57.5°	60827.0	56358.6	51890.1	47987.8	44085.6	40185.6	36283.4	31081.9	25880.4
0.0	0.0	60°	60467.6	56579.4	52688.9	48509.4	44327.5	40148.0	35966.2	30245.5	24522.5
0.0	0.0	62.5°	54227.7	51131.3	48032.5	44595.4	41155.9	37718.8	34281.7	28391.9	22502.1
0.0	0.0	65°	44611.8	42351.7	40091.7	37326.5	34558.9	31793.8	29028.6	23747.2	18468.2
0.0	0.0	67.5°	36156.5	33609.8	31060.8	28857.1	26651.0	24447.3	22241.3	18085.3	13929.3
		70°	28725.5	25955.6	23183.4	21031.4	18877.0	16725.0	14573.0	11810.2	9049.7
		72.5°	22812.2	20314.8	17817.5	15522.2	13224.5	10929.2	8631.5	6998.7	5365.9
		75°	10903.3	9904.9	8906.4	7705.9	6505.4	5304.8	4104.3	3392.5	2683.0
		77.5°	4040.9	3502.9	2962.5	2473.9	1985.2	1498.9	1010.2	925.6	841.1
		80°	1045.5	911.5	775.3	679.0	580.3	484.0	387.6	350.1	314.8
		82.5°	119.8	110.4	103.4	98.7	91.6	86.9	79.9	72.8	65.8
		85°	7.0	4.7	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



REPORT NUMBER: P1049134

CATALOG NUMBER: GALN-SA9B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049134

CATALOG NUMBER: GALN-SA9B-827-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	136.3	136.3
0.0	0.0	2.5°	126.9	124.5
0.0	0.0	5°	133.9	131.6
0.0	0.0	7.5°	148.0	143.3
0.0	0.0	10°	162.1	157.4
0.0	0.0	12.5°	183.2	176.2
0.0	0.0	15°	206.7	192.6
0.0	0.0	17.5°	246.7	216.1
0.0	0.0	20°	333.6	256.1
0.0	0.0	22.5°	469.9	319.5
0.0	0.0	25°	690.7	441.7
0.0	0.0	27.5°	960.9	587.3
0.0	0.0	30°	1278.0	735.3
0.0	0.0	32.5°	1557.6	876.3
0.0	0.0	35°	1921.8	1019.6
0.0	0.0	37.5°	2370.5	1202.9
0.0	0.0	40°	3065.9	1480.1
0.0	0.0	42.5°	4318.1	1992.2
0.0	0.0	45°	7012.8	3444.1
0.0	0.0	47.5°	10790.6	5697.2
0.0	0.0	50°	13201.0	7271.2
0.0	0.0	52.5°	13398.3	7259.5
0.0	0.0	55°	12230.7	6453.7
0.0	0.0	57.5°	10435.8	5394.1
0.0	0.0	60°	8673.8	4266.4
0.0	0.0	62.5°	6834.3	2946.1
0.0	0.0	65°	4994.7	2083.9
0.0	0.0	67.5°	3587.5	1557.6
		70°	2358.7	1193.5
		72.5°	1536.5	972.6
		75°	1033.7	805.8
		77.5°	603.8	535.7
		80°	213.8	187.9
		82.5°	39.9	28.2
		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: P1049134

CATALOG NUMBER: GALN-SA9B-827-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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

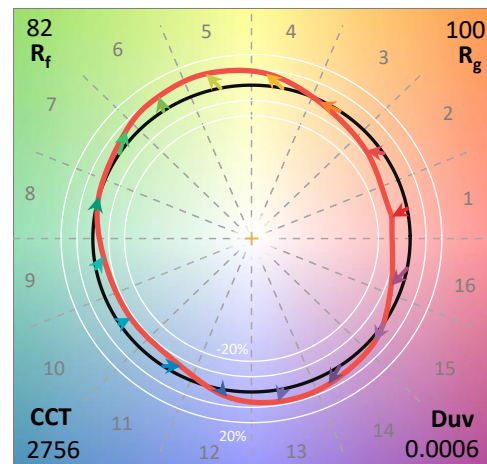
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

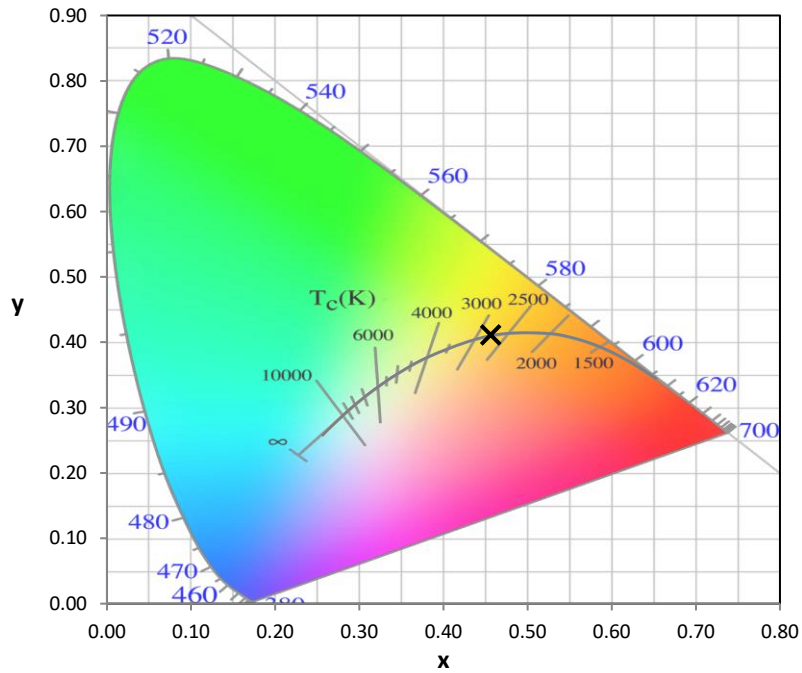
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

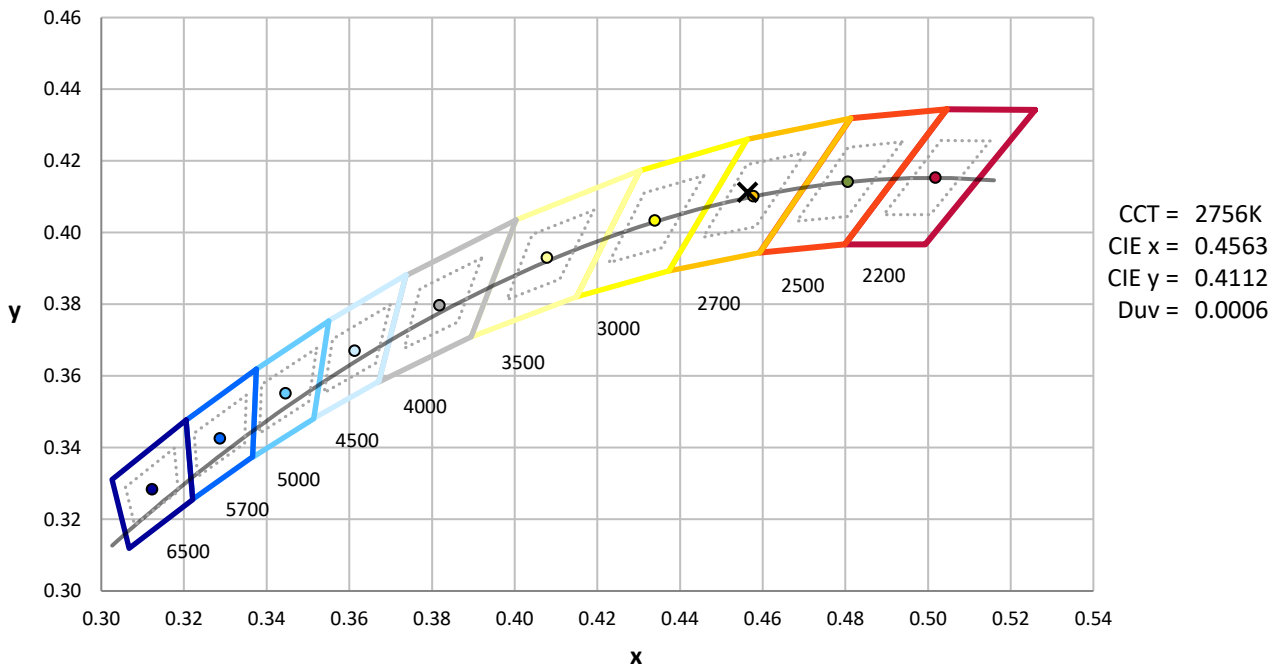
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



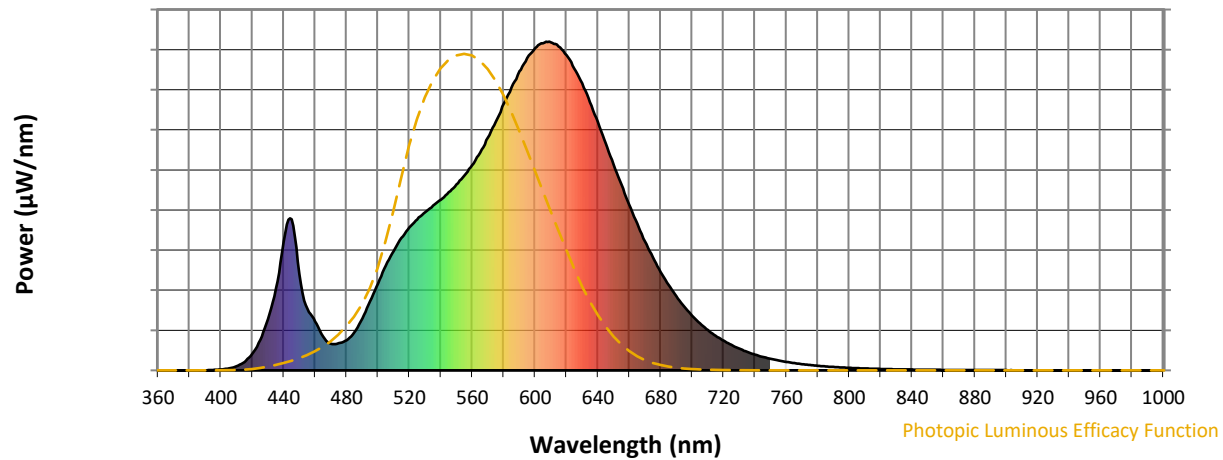
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

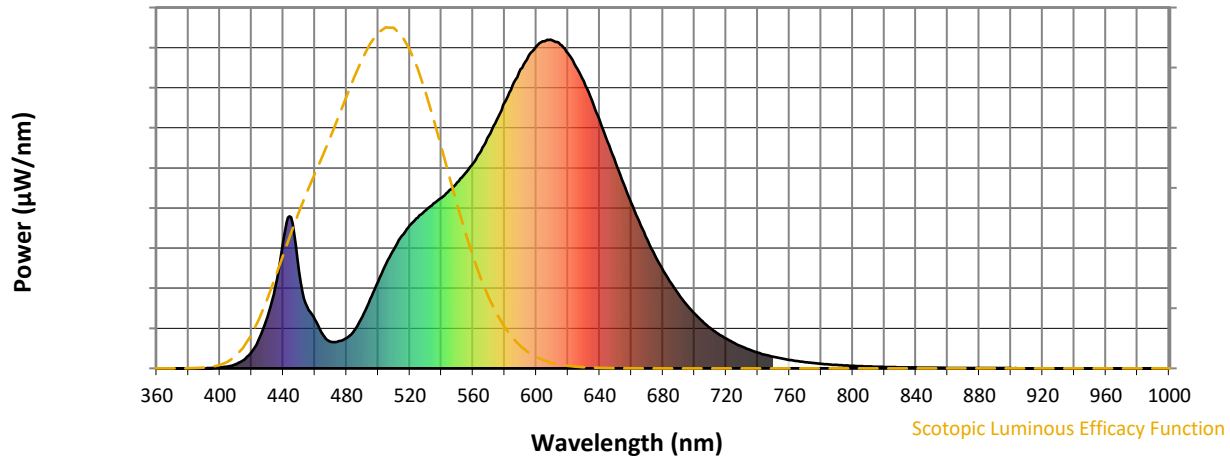


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength



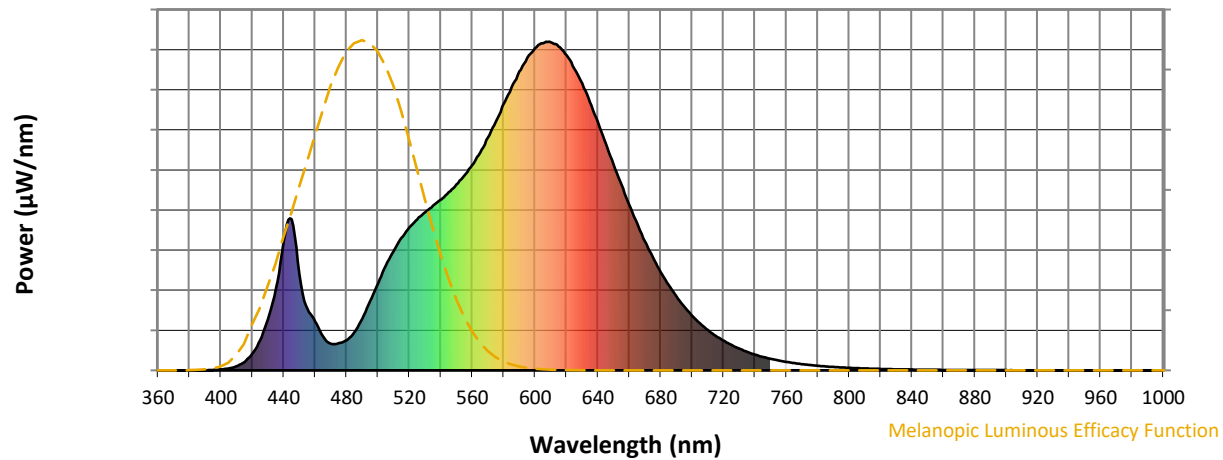
Scotopic Lumens: NR

S/P: 1.2

λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.16

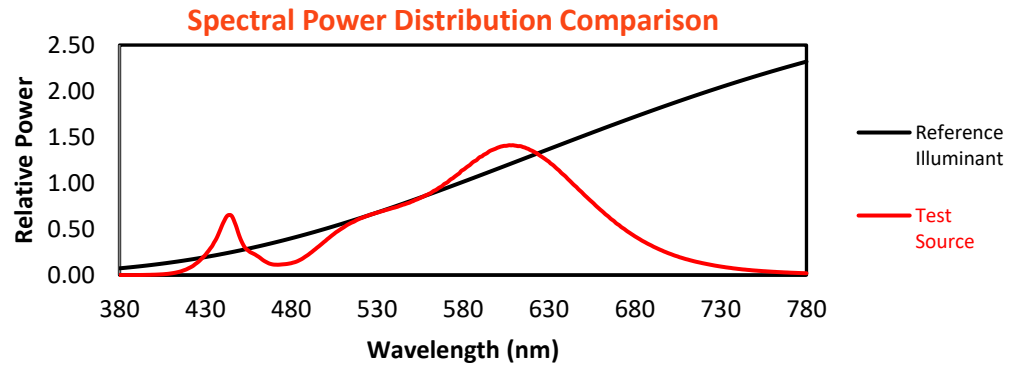
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

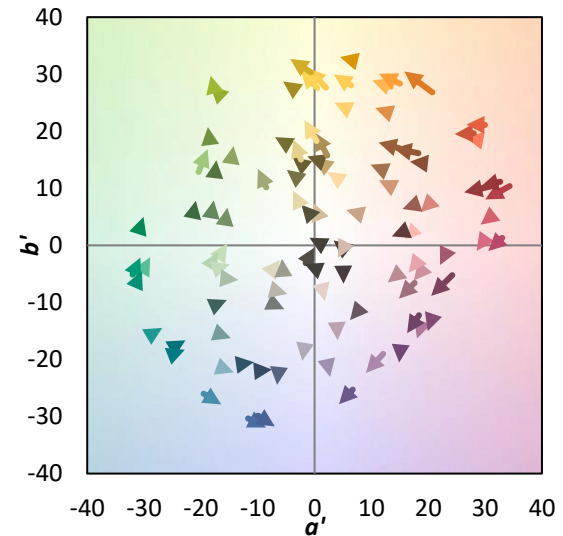
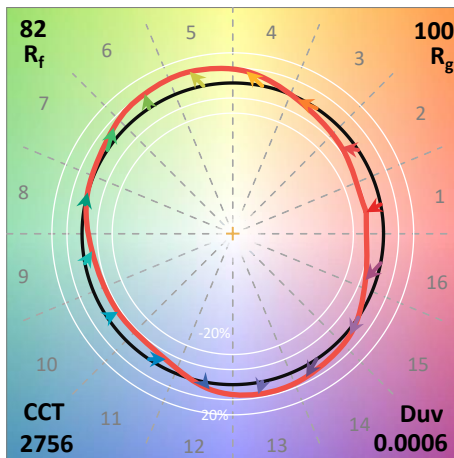
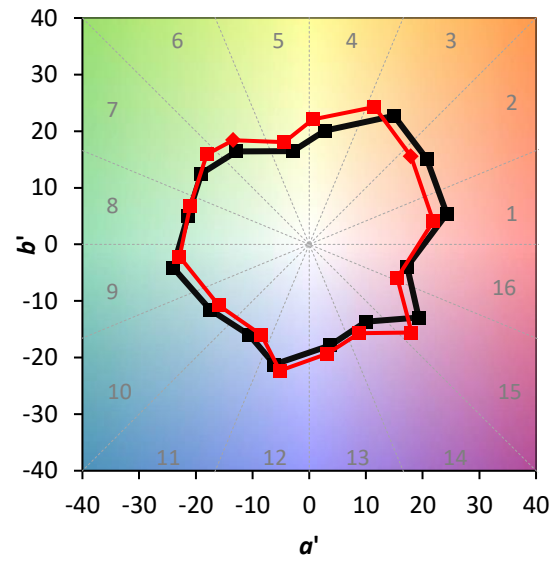
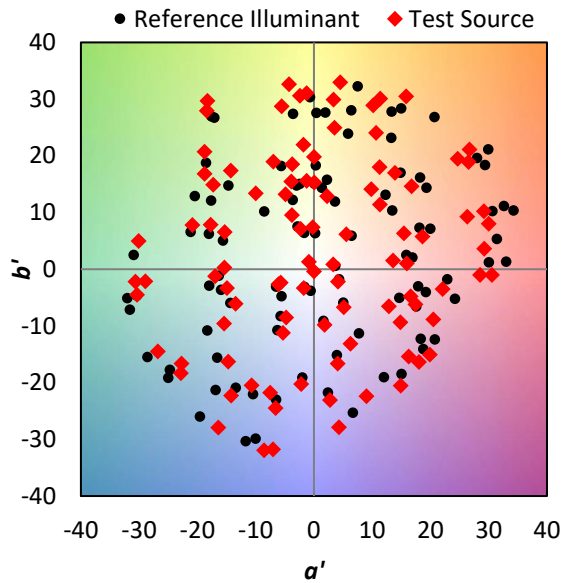
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$

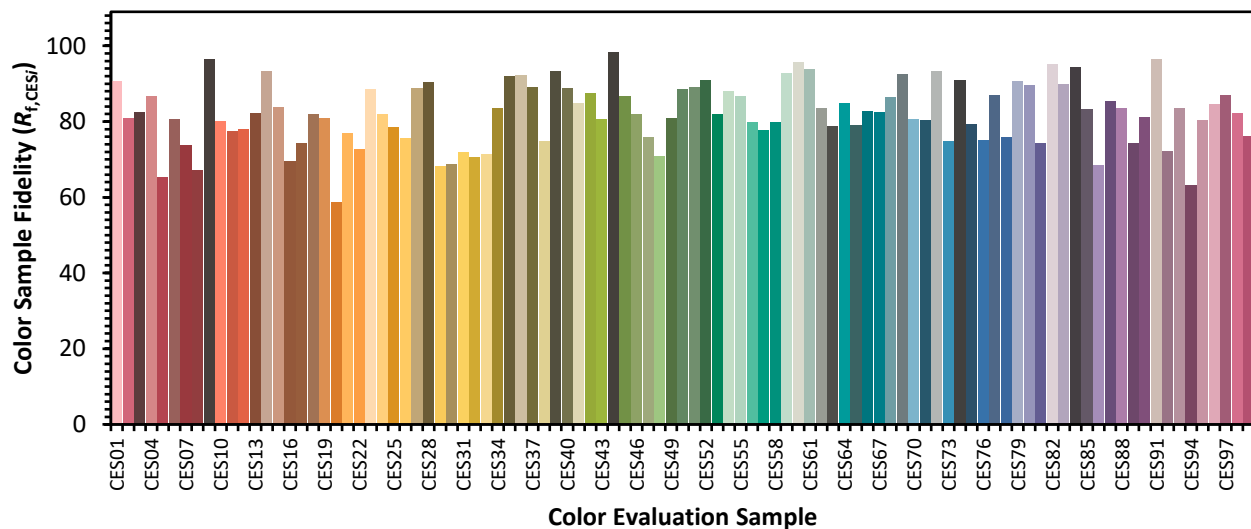


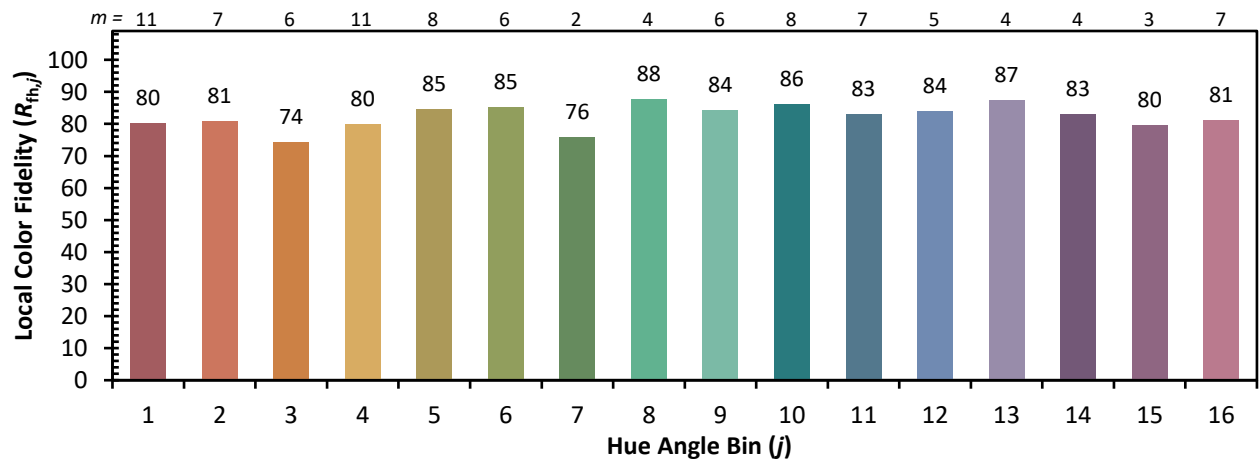
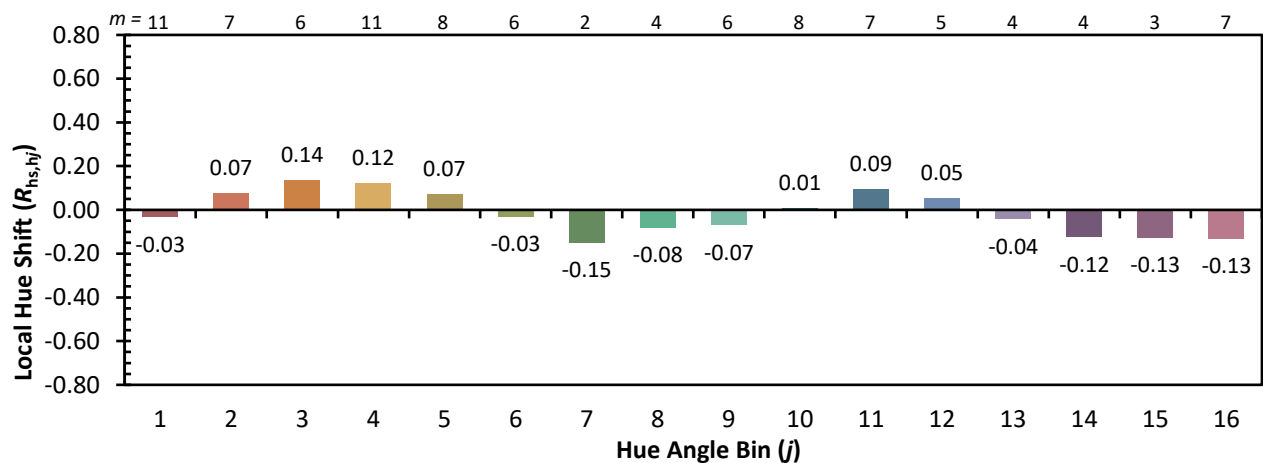
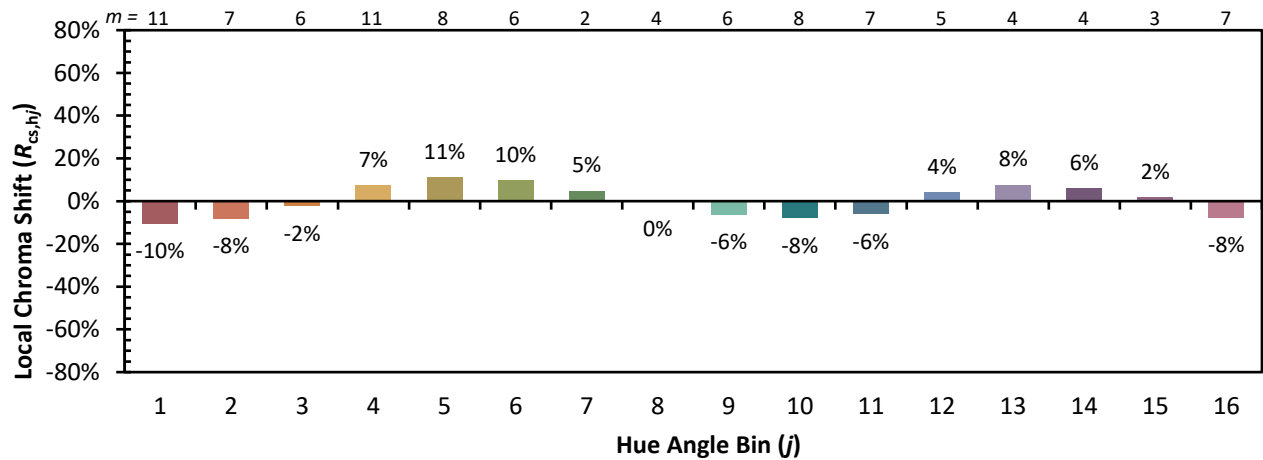
Color Vector Graphics



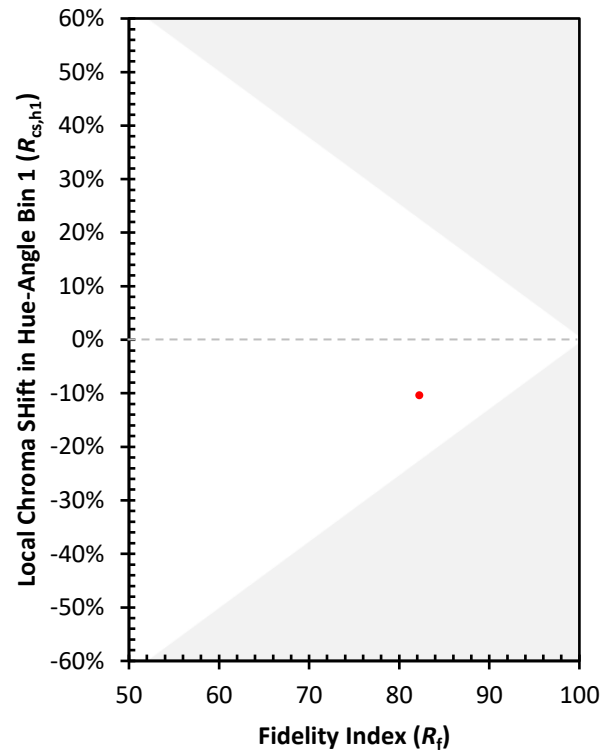
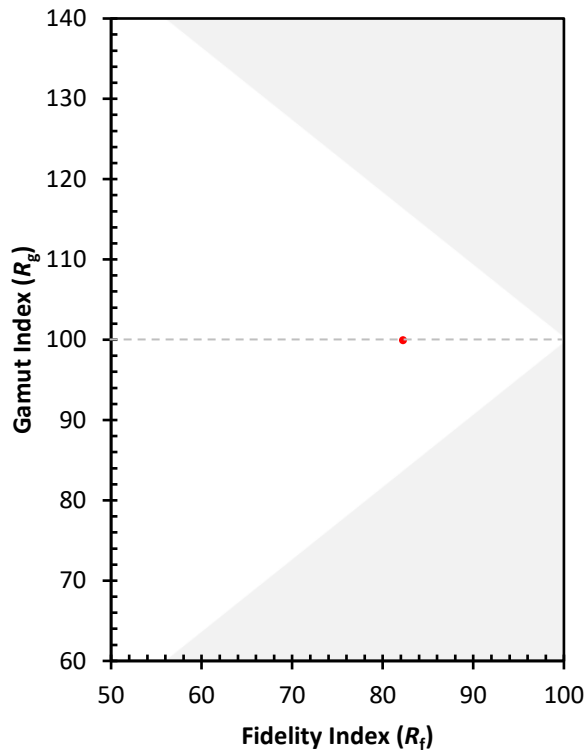
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)