

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: P1049063

Luminaire Tested: **GALN-SA9C-750-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049063
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9C-750-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE
70CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (126) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 45187.5 lumens
Efficiency: N/A
Efficacy: 108.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

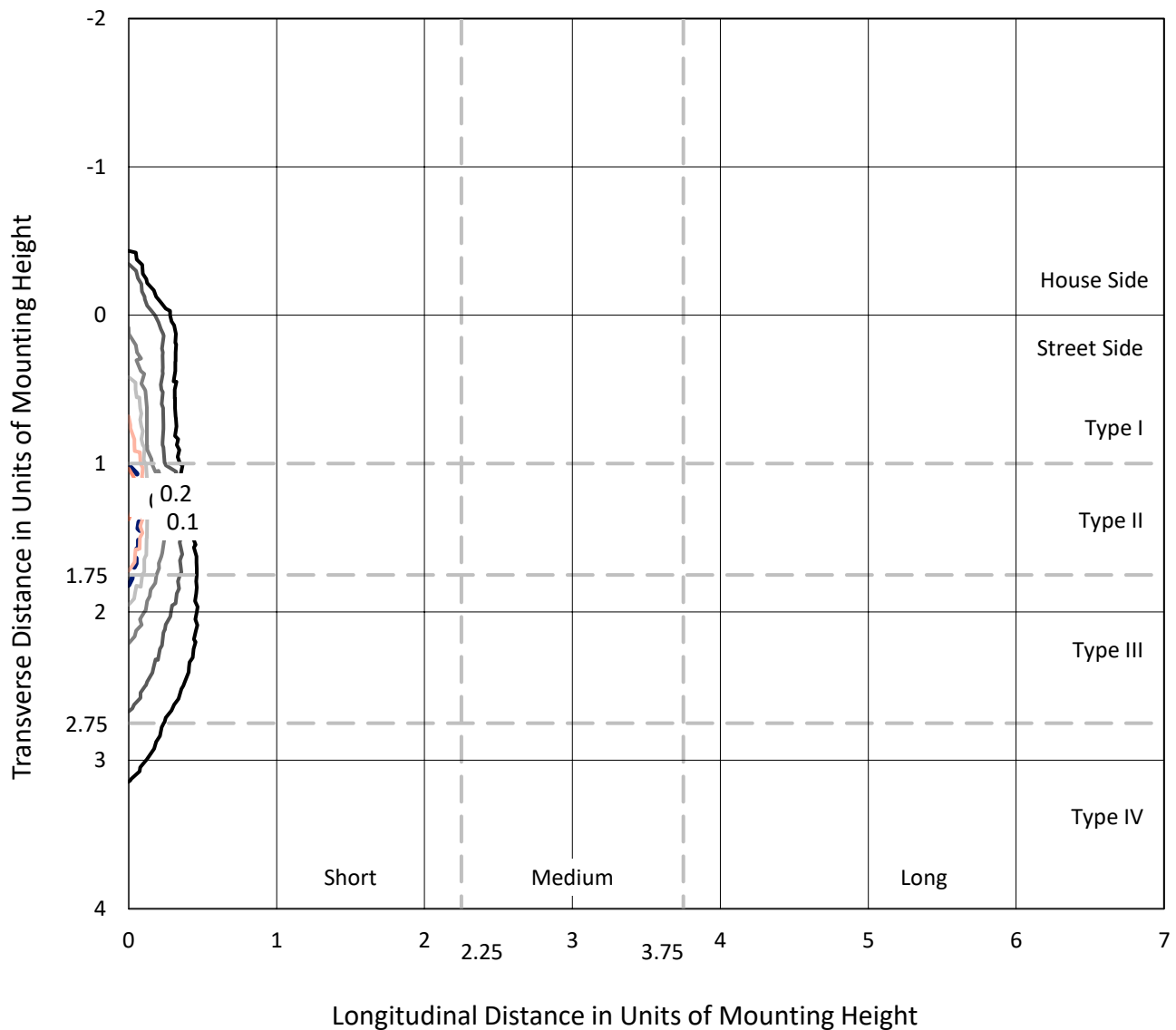
Input Watts (W): 417.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

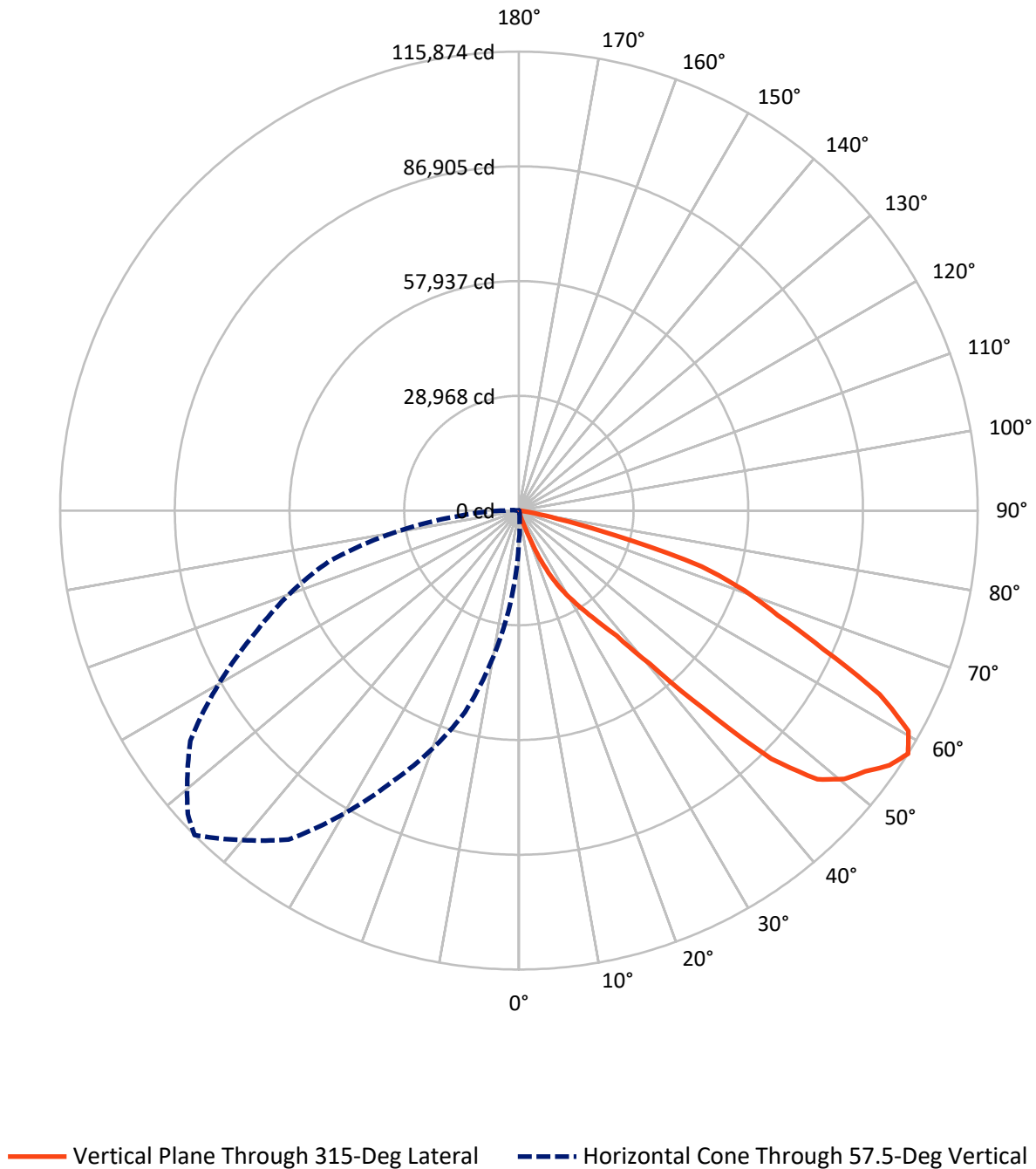
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 6.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	226.3	0.0	226.3
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	44961.2	0.0	44961.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	45187.5	0.0	45187.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.7	0.0
10°-20°	99.3	0.2
20°-30°	1070.9	2.4
30°-40°	3166.8	7.0
40°-50°	9437.9	20.9
50°-60°	14965.0	33.1
60°-70°	12492.2	27.6
70°-80°	3852.1	8.5
80°-90°	85.7	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	45187.5	100.0
0°-180°	45187.5	100.0



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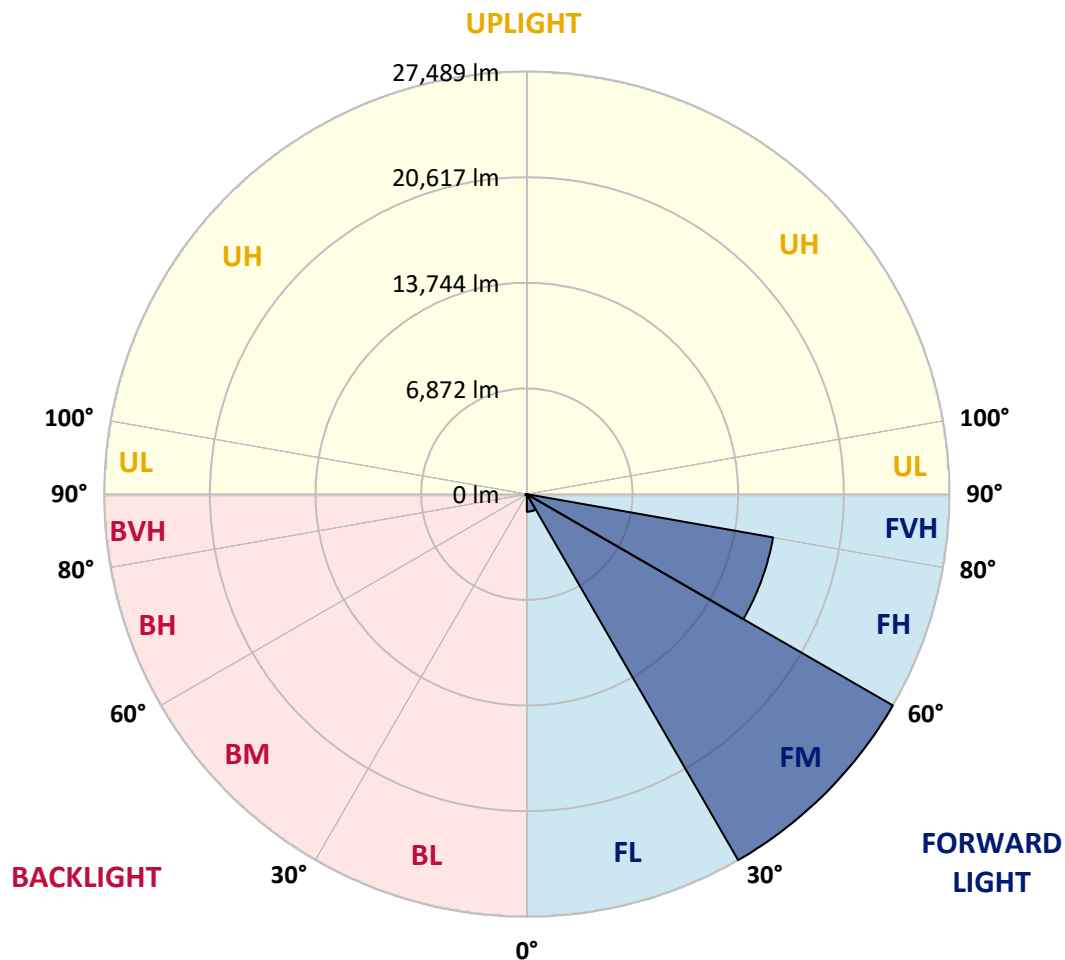
CATALOG NUMBER: GALN-SA9C-750-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1146.3	2.5			
FM	(30°-60°)	27488.8	60.8			
FH	(60°-80°)	16259.9	36.0			G5
FVH	(80°-90°)	66.2	0.1			G1/100
BL	(0°-30°)	41.6	0.1	B0/110		
BM	(30°-60°)	80.9	0.2	B0/220		
BH	(60°-80°)	84.4	0.2	B0/110		G0/110
BVH	(80°-90°)	19.4	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-G5

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°	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1
2.5°	181.0	181.0	181.0	181.0	177.6	177.6	174.2	174.2	170.7	170.7
5°	191.2	191.2	187.8	184.4	184.4	181.0	177.6	174.2	174.2	170.7
7.5°	208.3	204.9	201.5	198.1	191.2	187.8	181.0	177.6	174.2	167.3
10°	228.8	222.0	215.1	208.3	201.5	194.6	187.8	184.4	177.6	174.2
12.5°	256.1	245.9	232.2	222.0	215.1	204.9	198.1	191.2	181.0	174.2
15°	280.0	266.4	249.3	235.6	225.4	211.7	201.5	191.2	184.4	174.2
17.5°	314.2	290.3	262.9	245.9	232.2	215.1	198.1	187.8	177.6	163.9
20°	372.2	324.4	273.2	252.7	232.2	211.7	191.2	177.6	167.3	153.7
22.5°	464.4	382.5	300.5	269.8	242.4	211.7	184.4	170.7	157.1	143.4
25°	642.0	495.1	348.3	307.3	266.4	225.4	184.4	167.3	153.7	136.6
27.5°	853.7	635.1	413.2	355.1	300.5	242.4	184.4	163.9	146.8	126.3
30°	1068.8	778.6	484.9	409.8	334.6	259.5	184.4	160.5	140.0	116.1
32.5°	1273.7	911.7	546.4	457.6	368.8	276.6	187.8	160.5	133.2	105.9
35°	1482.0	1021.0	556.6	464.4	372.2	276.6	184.4	153.7	126.3	95.6
37.5°	1748.4	1144.0	536.1	443.9	355.1	262.9	174.2	146.8	119.5	88.8
40°	2151.3	1348.8	546.4	450.8	355.1	259.5	163.9	136.6	112.7	85.4
42.5°	2895.7	1745.0	590.8	481.5	372.2	259.5	150.3	126.3	105.9	82.0
45°	5006.1	2899.1	792.2	628.3	464.4	300.5	136.6	116.1	99.0	78.5
47.5°	8280.8	4852.4	1424.0	1099.6	778.6	454.2	133.2	116.1	99.0	78.5
50°	10568.7	6180.8	1792.8	1379.6	966.4	553.2	140.0	119.5	102.4	82.0
52.5°	10551.7	6276.4	1997.6	1533.2	1072.2	607.8	146.8	126.3	109.3	88.8
55°	9380.4	5709.5	2035.2	1564.0	1096.1	624.9	157.1	136.6	116.1	95.6
57.5°	7840.3	4849.0	1857.6	1437.6	1021.0	601.0	181.0	157.1	136.6	112.7
60°	6201.2	3824.6	1447.9	1144.0	843.5	539.5	239.0	208.3	181.0	150.3
62.5°	4282.1	2772.8	1263.5	1014.2	768.3	519.0	273.2	242.4	215.1	184.4
65°	3028.9	2086.4	1140.5	928.8	720.5	508.8	297.1	262.9	232.2	198.1
67.5°	2264.0	1659.6	1051.8	870.8	689.8	508.8	327.8	286.8	249.3	208.3
70°	1734.7	1362.5	986.9	840.0	696.6	549.8	402.9	344.9	290.3	232.2
72.5°	1413.7	1164.4	911.7	805.9	700.0	594.2	488.3	413.2	338.1	259.5
75°	1171.3	997.1	823.0	734.2	648.8	560.0	471.2	402.9	338.1	269.8
77.5°	778.6	710.3	638.6	587.3	536.1	481.5	430.3	372.2	317.6	259.5
80°	273.2	262.9	252.7	273.2	293.7	314.2	334.6	293.7	256.1	215.1
82.5°	41.0	37.6	34.1	37.6	41.0	44.4	47.8	51.2	54.6	58.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA9C-750-U-RBC

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°	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1
0.0	2.5°	167.3	167.3	163.9	163.9	163.9	160.5	160.5	157.1	157.1	157.1
0.0	5°	163.9	163.9	160.5	157.1	153.7	153.7	150.3	146.8	146.8	143.4
0.0	7.5°	160.5	157.1	153.7	150.3	146.8	143.4	140.0	136.6	136.6	133.2
0.0	10°	163.9	157.1	153.7	146.8	143.4	140.0	133.2	129.8	126.3	126.3
0.0	12.5°	157.1	153.7	146.8	140.0	136.6	129.8	126.3	119.5	116.1	116.1
0.0	15°	157.1	150.3	140.0	133.2	126.3	122.9	116.1	109.3	105.9	102.4
0.0	17.5°	146.8	140.0	129.8	122.9	116.1	109.3	102.4	95.6	92.2	88.8
0.0	20°	133.2	126.3	116.1	105.9	99.0	92.2	85.4	78.5	75.1	71.7
0.0	22.5°	119.5	112.7	102.4	92.2	85.4	78.5	68.3	61.5	58.1	51.2
0.0	25°	112.7	102.4	92.2	82.0	71.7	64.9	54.6	44.4	37.6	30.7
0.0	27.5°	95.6	85.4	75.1	64.9	54.6	44.4	34.1	23.9	17.1	13.7
0.0	30°	82.0	71.7	61.5	51.2	37.6	27.3	17.1	3.4	3.4	3.4
0.0	32.5°	68.3	58.1	44.4	34.1	27.3	17.1	10.2	0.0	0.0	0.0
0.0	35°	54.6	44.4	30.7	20.5	17.1	10.2	6.8	0.0	0.0	0.0
0.0	37.5°	47.8	37.6	23.9	10.2	6.8	6.8	3.4	0.0	0.0	0.0
0.0	40°	44.4	30.7	17.1	3.4	3.4	3.4	0.0	0.0	0.0	0.0
0.0	42.5°	44.4	30.7	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	44.4	30.7	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	44.4	30.7	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	47.8	34.1	17.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	54.6	41.0	27.3	13.7	10.2	6.8	3.4	0.0	0.0	0.0
0.0	55°	68.3	61.5	51.2	44.4	34.1	23.9	10.2	0.0	0.0	0.0
0.0	57.5°	88.8	88.8	85.4	82.0	61.5	41.0	20.5	0.0	0.0	0.0
0.0	60°	119.5	119.5	119.5	119.5	88.8	61.5	30.7	0.0	0.0	0.0
0.0	62.5°	146.8	140.0	129.8	122.9	92.2	61.5	30.7	0.0	0.0	0.0
0.0	65°	146.8	133.2	116.1	99.0	75.1	51.2	23.9	0.0	0.0	0.0
0.0	67.5°	136.6	109.3	78.5	51.2	37.6	27.3	13.7	0.0	0.0	0.0
	70°	136.6	95.6	54.6	13.7	10.2	6.8	3.4	0.0	0.0	0.0
	72.5°	136.6	92.2	44.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	150.3	102.4	51.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	150.3	102.4	51.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	133.2	88.8	44.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	44.4	30.7	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1
0.0	2.5°	153.7	153.7	153.7	150.3	150.3	150.3	150.3	146.8	146.8	146.8
0.0	5°	140.0	140.0	136.6	136.6	133.2	133.2	129.8	129.8	126.3	126.3
0.0	7.5°	129.8	126.3	126.3	122.9	119.5	119.5	116.1	116.1	112.7	109.3
0.0	10°	119.5	116.1	116.1	112.7	109.3	105.9	105.9	102.4	99.0	95.6
0.0	12.5°	109.3	105.9	102.4	99.0	95.6	92.2	92.2	88.8	85.4	82.0
0.0	15°	95.6	92.2	88.8	85.4	82.0	78.5	78.5	75.1	71.7	68.3
0.0	17.5°	82.0	78.5	78.5	75.1	71.7	68.3	64.9	58.1	54.6	51.2
0.0	20°	61.5	58.1	54.6	51.2	47.8	41.0	37.6	30.7	23.9	20.5
0.0	22.5°	41.0	34.1	30.7	23.9	17.1	13.7	10.2	3.4	0.0	0.0
0.0	25°	13.7	10.2	6.8	3.4	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: P1049063

CATALOG NUMBER: GALN-SA9C-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049063

CATALOG NUMBER: GALN-SA9C-750-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1
0.0	2.5°	143.4	143.4	143.4	140.0	140.0	140.0	140.0	140.0	140.0	140.0
0.0	5°	122.9	122.9	122.9	119.5	119.5	116.1	116.1	116.1	112.7	112.7
0.0	7.5°	105.9	102.4	102.4	99.0	99.0	95.6	95.6	95.6	92.2	92.2
0.0	10°	88.8	85.4	85.4	82.0	82.0	78.5	78.5	75.1	75.1	71.7
0.0	12.5°	78.5	75.1	71.7	68.3	68.3	64.9	61.5	61.5	58.1	54.6
0.0	15°	61.5	58.1	54.6	51.2	47.8	44.4	41.0	41.0	37.6	34.1
0.0	17.5°	41.0	34.1	30.7	27.3	27.3	23.9	20.5	17.1	13.7	10.2
0.0	20°	10.2	6.8	3.4	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: P1049063

CATALOG NUMBER: GALN-SA9C-750-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°	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1
0.0	2.5°	140.0	136.6	136.6	136.6	140.0	140.0	140.0	140.0	140.0	140.0
0.0	5°	112.7	109.3	109.3	109.3	109.3	109.3	109.3	109.3	109.3	109.3
0.0	7.5°	92.2	88.8	88.8	88.8	88.8	85.4	85.4	85.4	85.4	85.4
0.0	10°	71.7	68.3	68.3	68.3	68.3	64.9	64.9	64.9	64.9	64.9
0.0	12.5°	51.2	51.2	47.8	47.8	47.8	44.4	44.4	44.4	44.4	41.0
0.0	15°	30.7	27.3	23.9	23.9	23.9	20.5	20.5	20.5	20.5	17.1
0.0	17.5°	6.8	6.8	3.4	3.4	3.4	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049063

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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°	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1
0.0	2.5°	143.4	143.4	146.8	146.8	150.3	157.1	160.5	163.9	170.7	177.6
0.0	5°	112.7	116.1	116.1	119.5	122.9	126.3	129.8	133.2	140.0	146.8
0.0	7.5°	88.8	88.8	92.2	92.2	95.6	102.4	105.9	109.3	116.1	126.3
0.0	10°	68.3	68.3	71.7	71.7	75.1	82.0	85.4	88.8	95.6	105.9
0.0	12.5°	44.4	47.8	47.8	51.2	54.6	61.5	64.9	68.3	75.1	82.0
0.0	15°	20.5	23.9	23.9	27.3	30.7	37.6	41.0	44.4	51.2	61.5
0.0	17.5°	3.4	3.4	6.8	6.8	10.2	13.7	17.1	20.5	30.7	37.6
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	13.7
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1
0.0	2.5°	187.8	194.6	201.5	208.3	215.1	222.0	225.4	232.2	235.6	239.0
0.0	5°	160.5	167.3	177.6	184.4	191.2	198.1	204.9	208.3	211.7	215.1
0.0	7.5°	140.0	146.8	157.1	163.9	170.7	177.6	184.4	191.2	194.6	198.1
0.0	10°	119.5	129.8	136.6	146.8	153.7	160.5	167.3	174.2	181.0	184.4
0.0	12.5°	95.6	105.9	116.1	122.9	133.2	143.4	150.3	157.1	163.9	170.7
0.0	15°	75.1	85.4	95.6	102.4	112.7	122.9	133.2	140.0	146.8	153.7
0.0	17.5°	54.6	64.9	75.1	82.0	92.2	102.4	109.3	119.5	126.3	133.2
0.0	20°	27.3	37.6	47.8	58.1	68.3	78.5	85.4	95.6	102.4	109.3
0.0	22.5°	3.4	13.7	23.9	30.7	41.0	51.2	58.1	68.3	75.1	82.0
0.0	25°	0.0	3.4	10.2	13.7	17.1	23.9	30.7	37.6	44.4	51.2
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	3.4	6.8	13.7	20.5	27.3
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8
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	3.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	3.4	6.8
	85°	0.0	0.0	0.0	0.0	0.0	6.8	10.2	17.1	20.5	23.9
	87.5°	0.0	3.4	6.8	10.2	13.7	20.5	27.3	34.1	37.6	41.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049063

CATALOG NUMBER: GALN-SA9C-750-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
198.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
239.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
218.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
201.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.2	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											
3.4											
13.7											
30.7											
44.4											
0.0											
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REPORT NUMBER: P1049063

CATALOG NUMBER: GALN-SA9C-750-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1
0.0	2.5°	242.4	242.4	242.4	242.4	239.0	239.0	239.0	235.6	235.6	232.2
0.0	5°	222.0	225.4	225.4	225.4	225.4	225.4	225.4	225.4	222.0	222.0
0.0	7.5°	204.9	208.3	211.7	211.7	215.1	215.1	215.1	211.7	211.7	208.3
0.0	10°	194.6	198.1	198.1	201.5	201.5	201.5	201.5	201.5	201.5	201.5
0.0	12.5°	181.0	184.4	187.8	187.8	191.2	191.2	191.2	191.2	187.8	187.8
0.0	15°	163.9	170.7	174.2	177.6	177.6	181.0	181.0	181.0	181.0	181.0
0.0	17.5°	150.3	157.1	160.5	163.9	163.9	167.3	167.3	170.7	170.7	170.7
0.0	20°	122.9	129.8	133.2	140.0	143.4	146.8	150.3	153.7	153.7	157.1
0.0	22.5°	95.6	102.4	105.9	112.7	116.1	119.5	122.9	126.3	129.8	133.2
0.0	25°	68.3	75.1	78.5	85.4	88.8	92.2	95.6	99.0	99.0	102.4
0.0	27.5°	37.6	44.4	51.2	54.6	61.5	64.9	68.3	71.7	75.1	78.5
0.0	30°	17.1	20.5	23.9	30.7	34.1	37.6	41.0	47.8	51.2	54.6
0.0	32.5°	0.0	0.0	3.4	10.2	13.7	17.1	20.5	23.9	23.9	27.3
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	3.4	6.8	10.2	13.7
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°	6.8	6.8	6.8	10.2	10.2	10.2	10.2	10.2	10.2	10.2
	82.5°	17.1	20.5	23.9	23.9	27.3	27.3	27.3	27.3	23.9	23.9
	85°	34.1	37.6	41.0	41.0	44.4	44.4	44.4	44.4	44.4	44.4
	87.5°	47.8	51.2	54.6	54.6	58.1	58.1	58.1	58.1	58.1	58.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049063

CATALOG NUMBER: GALN-SA9C-750-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
198.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
232.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
222.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
201.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
187.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
181.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	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											
10.2											
23.9											
44.4											
58.1											
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REPORT NUMBER: P1049063

CATALOG NUMBER: GALN-SA9C-750-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°	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1
0.0	2.5°	228.8	228.8	225.4	225.4	225.4	225.4	225.4	228.8	232.2	232.2
0.0	5°	218.5	218.5	215.1	215.1	215.1	218.5	218.5	222.0	225.4	228.8
0.0	7.5°	208.3	204.9	204.9	208.3	208.3	211.7	211.7	215.1	218.5	222.0
0.0	10°	201.5	198.1	198.1	198.1	201.5	201.5	204.9	208.3	211.7	215.1
0.0	12.5°	187.8	187.8	187.8	187.8	191.2	191.2	194.6	198.1	204.9	208.3
0.0	15°	181.0	177.6	177.6	177.6	177.6	181.0	181.0	187.8	194.6	198.1
0.0	17.5°	167.3	167.3	163.9	163.9	167.3	167.3	170.7	177.6	184.4	187.8
0.0	20°	153.7	150.3	146.8	146.8	150.3	150.3	153.7	160.5	167.3	170.7
0.0	22.5°	133.2	129.8	129.8	129.8	129.8	133.2	133.2	140.0	150.3	157.1
0.0	25°	105.9	109.3	109.3	112.7	112.7	116.1	119.5	126.3	136.6	143.4
0.0	27.5°	82.0	85.4	85.4	92.2	95.6	99.0	102.4	112.7	122.9	129.8
0.0	30°	61.5	64.9	68.3	71.7	78.5	85.4	92.2	102.4	112.7	119.5
0.0	32.5°	37.6	44.4	47.8	54.6	61.5	68.3	75.1	85.4	99.0	109.3
0.0	35°	27.3	30.7	37.6	41.0	47.8	54.6	61.5	75.1	85.4	99.0
0.0	37.5°	13.7	20.5	27.3	34.1	41.0	47.8	54.6	68.3	82.0	92.2
0.0	40°	10.2	17.1	20.5	27.3	37.6	44.4	51.2	64.9	78.5	92.2
0.0	42.5°	6.8	10.2	13.7	23.9	30.7	41.0	51.2	64.9	78.5	92.2
0.0	45°	6.8	6.8	10.2	20.5	30.7	44.4	54.6	68.3	78.5	92.2
0.0	47.5°	6.8	10.2	13.7	27.3	34.1	44.4	54.6	64.9	78.5	88.8
0.0	50°	10.2	13.7	17.1	30.7	37.6	47.8	54.6	68.3	78.5	92.2
0.0	52.5°	6.8	10.2	13.7	27.3	37.6	51.2	61.5	75.1	88.8	99.0
0.0	55°	3.4	3.4	3.4	20.5	41.0	58.1	78.5	88.8	102.4	112.7
0.0	57.5°	0.0	0.0	0.0	13.7	41.0	64.9	88.8	102.4	116.1	126.3
0.0	60°	0.0	0.0	0.0	13.7	41.0	64.9	88.8	105.9	122.9	140.0
0.0	62.5°	0.0	0.0	0.0	13.7	34.1	54.6	75.1	102.4	133.2	160.5
0.0	65°	0.0	0.0	0.0	10.2	27.3	44.4	61.5	102.4	143.4	181.0
0.0	67.5°	0.0	0.0	0.0	10.2	27.3	41.0	58.1	102.4	143.4	187.8
	70°	0.0	0.0	0.0	10.2	27.3	44.4	61.5	102.4	143.4	184.4
	72.5°	0.0	0.0	0.0	10.2	30.7	47.8	68.3	102.4	136.6	170.7
	75°	0.0	0.0	0.0	13.7	30.7	51.2	71.7	102.4	133.2	160.5
	77.5°	0.0	0.0	0.0	10.2	30.7	47.8	68.3	99.0	129.8	157.1
	80°	10.2	6.8	6.8	17.1	30.7	44.4	58.1	88.8	122.9	153.7
	82.5°	20.5	20.5	17.1	23.9	30.7	41.0	51.2	78.5	109.3	136.6
	85°	41.0	41.0	37.6	41.0	41.0	44.4	47.8	61.5	75.1	88.8
	87.5°	54.6	54.6	51.2	51.2	51.2	47.8	47.8	47.8	47.8	44.4
	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):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
198.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
235.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
232.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
225.4	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
211.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
204.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
194.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
187.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
222.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
228.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
225.4											
204.9											
191.2											
187.8											
184.4											
163.9											
102.4											
44.4											
0.0											
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REPORT NUMBER: P1049063

CATALOG NUMBER: GALN-SA9C-750-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1
0.0	2.5°	239.0	242.4	242.4	245.9	249.3	252.7	252.7	256.1	256.1	256.1
0.0	5°	235.6	242.4	245.9	249.3	252.7	256.1	259.5	262.9	266.4	266.4
0.0	7.5°	232.2	235.6	242.4	245.9	252.7	256.1	262.9	266.4	269.8	273.2
0.0	10°	225.4	232.2	239.0	245.9	252.7	259.5	266.4	273.2	280.0	283.4
0.0	12.5°	218.5	228.8	235.6	242.4	252.7	262.9	269.8	280.0	286.8	293.7
0.0	15°	215.1	222.0	232.2	239.0	252.7	266.4	276.6	290.3	303.9	314.2
0.0	17.5°	204.9	218.5	228.8	239.0	252.7	269.8	283.4	297.1	317.6	338.1
0.0	20°	191.2	201.5	215.1	225.4	245.9	262.9	283.4	300.5	331.2	362.0
0.0	22.5°	177.6	191.2	201.5	215.1	239.0	259.5	283.4	303.9	355.1	402.9
0.0	25°	163.9	181.0	194.6	208.3	235.6	262.9	290.3	317.6	402.9	488.3
0.0	27.5°	157.1	170.7	187.8	201.5	235.6	273.2	307.3	341.5	478.1	611.2
0.0	30°	146.8	163.9	177.6	194.6	239.0	283.4	327.8	372.2	580.5	788.8
0.0	32.5°	136.6	153.7	170.7	187.8	245.9	303.9	358.6	416.6	689.8	959.6
0.0	35°	126.3	146.8	163.9	181.0	256.1	334.6	409.8	484.9	788.8	1089.3
0.0	37.5°	122.9	143.4	160.5	177.6	259.5	338.1	420.0	498.6	799.1	1099.6
0.0	40°	126.3	143.4	163.9	181.0	249.3	317.6	382.5	450.8	764.9	1075.7
0.0	42.5°	126.3	146.8	167.3	187.8	242.4	297.1	351.7	406.4	754.7	1103.0
0.0	45°	122.9	143.4	163.9	184.4	235.6	283.4	334.6	382.5	816.1	1246.4
0.0	47.5°	119.5	140.0	160.5	181.0	232.2	283.4	334.6	385.9	1055.2	1721.0
0.0	50°	119.5	140.0	157.1	174.2	235.6	300.5	362.0	423.4	1536.7	2646.5
0.0	52.5°	126.3	143.4	157.1	170.7	242.4	317.6	389.3	461.0	1953.3	3442.1
0.0	55°	136.6	146.8	160.5	170.7	259.5	344.9	433.7	519.0	2079.6	3640.2
0.0	57.5°	150.3	160.5	170.7	181.0	290.3	399.5	505.4	614.7	2089.8	3561.6
0.0	60°	167.3	181.0	191.2	201.5	317.6	437.1	553.2	669.3	1891.8	3110.9
0.0	62.5°	204.9	222.0	235.6	252.7	365.4	474.7	587.3	696.6	1570.8	2445.0
0.0	65°	235.6	249.3	262.9	276.6	385.9	498.6	607.8	717.1	1331.8	1946.4
0.0	67.5°	242.4	256.1	266.4	280.0	392.7	505.4	614.7	727.3	1140.5	1550.3
	70°	245.9	262.9	283.4	300.5	416.6	532.7	645.4	761.5	1010.8	1260.1
	72.5°	235.6	269.8	300.5	331.2	440.5	546.4	655.6	761.5	939.1	1116.6
	75°	235.6	283.4	327.8	372.2	454.2	532.7	614.7	693.2	829.8	966.4
	77.5°	249.3	310.7	372.2	433.7	481.5	525.9	573.7	618.1	706.9	795.6
	80°	249.3	314.2	375.6	440.5	461.0	484.9	505.4	525.9	536.1	546.4
	82.5°	215.1	266.4	317.6	368.8	344.9	321.0	297.1	273.2	256.1	235.6
	85°	109.3	119.5	126.3	133.2	122.9	112.7	102.4	92.2	85.4	75.1
	87.5°	44.4	44.4	41.0	41.0	41.0	41.0	37.6	37.6	37.6	37.6
	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: P1049063

CATALOG NUMBER: GALN-SA9C-750-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
198.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
256.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
266.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
276.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
303.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
331.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
365.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
420.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
536.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
727.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1010.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1369.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1710.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2117.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2291.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2632.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3315.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5053.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7741.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9745.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9967.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8994.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7690.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6010.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4541.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3353.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2373.3											
1765.4											
1284.0											
966.4											
542.9											
245.9											
71.7											
34.1											
0.0											
0.0											
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REPORT NUMBER: P1049063

CATALOG NUMBER: GALN-SA9C-750-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°	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1
0.0	2.5°	256.1	252.7	252.7	249.3	245.9	242.4	239.0	235.6	232.2	228.8
0.0	5°	266.4	266.4	266.4	262.9	262.9	259.5	259.5	256.1	252.7	249.3
0.0	7.5°	276.6	280.0	280.0	283.4	283.4	283.4	283.4	280.0	280.0	280.0
0.0	10°	293.7	297.1	300.5	303.9	307.3	310.7	310.7	314.2	314.2	314.2
0.0	12.5°	314.2	324.4	331.2	341.5	348.3	358.6	365.4	375.6	382.5	389.3
0.0	15°	344.9	362.0	382.5	399.5	416.6	440.5	467.8	491.7	515.6	553.2
0.0	17.5°	389.3	443.9	498.6	549.8	604.4	723.9	843.5	959.6	1079.1	1253.2
0.0	20°	474.7	638.6	799.1	963.0	1123.5	1543.5	1960.1	2380.1	2796.7	3244.0
0.0	22.5°	665.9	1068.8	1471.8	1874.7	2277.7	3155.3	4029.4	4907.0	5781.2	6809.1
0.0	25°	966.4	1707.4	2448.4	3186.0	3927.0	5299.7	6675.9	8048.6	9421.4	10756.6
0.0	27.5°	1406.9	2540.6	3674.3	4804.6	5938.3	7799.4	9663.8	11524.9	13385.9	14895.3
0.0	30°	1949.8	3486.5	5023.1	6559.8	8096.4	10213.6	12330.8	14444.5	16561.7	18211.0
0.0	32.5°	2462.1	4343.6	6225.1	8103.3	9984.8	12395.7	14809.9	17220.7	19631.6	21434.6
0.0	35°	2796.7	5070.9	7348.6	9622.8	11897.1	14506.0	17114.9	19720.4	22329.2	24388.4
0.0	37.5°	3131.4	5757.3	8379.9	11005.8	13628.4	16493.4	19358.4	22223.4	25088.4	27632.4
0.0	40°	3507.0	6587.1	9663.8	12744.0	15820.7	19215.0	22605.8	26000.1	29391.0	32979.9
0.0	42.5°	4159.2	7963.3	11770.7	15574.8	19378.9	23869.3	28359.7	32846.8	37337.2	42459.4
0.0	45°	5385.1	10746.3	16110.9	21472.1	26833.3	32781.9	38733.8	44682.4	50630.9	57446.8
0.0	47.5°	8386.7	15762.6	23135.1	30511.1	37883.6	44306.8	50726.6	57149.8	63569.5	70358.1
0.0	50°	12832.7	21417.5	30002.3	38583.6	47168.4	52980.3	58788.8	64600.8	70409.3	76866.7
0.0	52.5°	16049.5	24992.8	33939.5	42882.8	51826.1	57071.2	62319.7	67564.8	72809.9	78843.8
0.0	55°	16291.9	25184.0	34079.5	42971.6	51863.7	57132.7	62401.7	67670.7	72939.7	79335.6
0.0	57.5°	14424.0	23244.4	32061.4	40881.7	49698.7	55698.5	61694.8	67694.6	73690.9	80605.9
0.0	60°	12269.3	21093.1	29913.5	38737.3	47557.6	54469.2	61384.1	68295.6	75207.1	81684.9
0.0	62.5°	9571.6	18648.1	27728.0	36804.5	45881.0	52898.4	59915.7	66929.7	73947.1	78806.3
0.0	65°	7133.5	15947.0	24760.6	33570.7	42384.2	48005.0	53625.7	59243.0	64863.7	67872.2
0.0	67.5°	5156.3	12757.6	20355.5	27956.8	35554.7	39577.3	43599.9	47619.1	51641.7	53943.3
	70°	3486.5	8752.1	14014.3	19279.8	24542.0	27847.5	31156.4	34462.0	37767.5	40874.9
	72.5°	2414.2	5371.4	8332.1	11289.3	14246.5	17572.5	20895.0	24221.0	27543.6	30832.0
	75°	1601.5	2947.0	4295.8	5641.2	6986.6	9448.7	11914.2	14376.2	16838.3	18798.4
	77.5°	1137.1	1540.1	1946.4	2349.4	2752.3	3213.3	3677.7	4138.7	4599.7	5299.7
	80°	539.5	590.8	642.0	689.8	741.0	908.3	1075.7	1243.0	1410.3	1587.9
	82.5°	256.1	276.6	297.1	314.2	334.6	351.7	368.8	385.9	402.9	385.9
	85°	68.3	68.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	68.3
	87.5°	30.7	30.7	30.7	30.7	30.7	30.7	30.7	27.3	27.3	23.9
	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: P1049063

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
198.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
225.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
245.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
276.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
317.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
392.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
594.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1424.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3694.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7836.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12091.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16404.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19863.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23241.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26447.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30179.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36568.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47581.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64262.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77146.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83324.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84877.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85734.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87520.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88159.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83668.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70884.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56248.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43978.9											
34120.5											
20758.4											
5999.8											
1765.4											
365.4											
64.9											
23.9											
0.0											
0.0											
0.0											
0.0											
0.0											
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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°	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1
0.0	2.5°	222.0	218.5	215.1	211.7	208.3	201.5	201.5	198.1	198.1
0.0	5°	242.4	239.0	235.6	232.2	232.2	228.8	225.4	225.4	222.0
0.0	7.5°	276.6	273.2	269.8	266.4	266.4	262.9	262.9	259.5	259.5
0.0	10°	317.6	317.6	317.6	317.6	317.6	314.2	314.2	314.2	310.7
0.0	12.5°	399.5	402.9	409.8	416.6	426.8	426.8	426.8	423.4	423.4
0.0	15°	631.7	669.3	696.6	723.9	747.8	802.5	795.6	785.4	778.6
0.0	17.5°	1598.1	1768.9	1861.1	1949.8	2042.0	2294.7	2253.8	2212.8	2175.2
0.0	20°	4142.1	4589.5	4886.5	5183.6	5484.1	5958.8	5842.7	5726.6	5610.5
0.0	22.5°	8861.4	9889.2	10336.5	10783.9	11227.8	11801.5	11429.3	11057.1	10688.3
0.0	25°	13423.5	14758.7	15513.3	16268.0	17019.3	17347.1	16862.2	16373.9	15889.0
0.0	27.5°	17913.9	19423.3	20089.1	20751.6	21417.5	22103.9	21502.9	20898.5	20297.5
0.0	30°	21513.1	23162.5	23883.0	24600.1	25320.6	25798.7	25177.2	24552.3	23930.8
0.0	32.5°	25044.0	26847.0	27635.8	28424.6	29210.0	29896.4	29131.5	28363.2	27598.2
0.0	35°	28503.2	30562.3	31648.2	32734.1	33820.0	34458.5	33550.2	32638.5	31730.1
0.0	37.5°	32723.8	35267.8	36483.5	37699.2	38914.8	40079.3	39078.7	38074.8	37074.3
0.0	40°	40157.8	43746.7	45611.2	47479.1	49343.6	50846.1	49582.6	48319.1	47055.7
0.0	42.5°	52703.7	57825.9	60506.5	63183.7	65864.3	68210.2	66881.9	65553.5	64225.2
0.0	45°	71078.6	77894.5	81162.5	84427.0	87695.0	89409.2	87496.9	85581.2	83668.9
0.0	47.5°	83931.9	90720.5	93629.8	96539.2	99448.6	101405.3	99066.2	96727.0	94391.3
0.0	50°	89778.0	96235.3	99155.0	102071.2	104990.8	106544.5	103843.4	101138.9	98437.9
0.0	52.5°	90908.3	96942.2	100425.3	103911.7	107394.8	109471.0	106281.6	103088.8	99899.4
0.0	55°	92130.8	98526.6	102566.3	106609.4	110649.1	113524.3	109918.3	106308.9	102702.9
0.0	57.5°	94432.3	101347.2	105376.7	109402.7	113432.2	115873.7	112257.5	108637.8	105021.5
0.0	60°	94637.2	101111.6	104574.2	108040.2	111502.8	113039.5	109580.3	106117.7	102658.5
0.0	62.5°	88528.2	93387.4	95791.4	98195.4	100599.4	102269.2	98659.8	95047.0	91437.6
0.0	65°	73892.4	76900.8	78816.5	80732.2	82647.9	84638.7	81333.2	78027.7	74722.2
0.0	67.5°	58549.8	60851.4	63374.9	65898.4	68421.9	70549.3	67902.9	65253.0	62606.6
	70°	47086.4	50190.4	53028.1	55865.8	58703.5	60445.0	57788.3	55128.2	52471.5
	72.5°	37408.9	40697.3	43067.2	45433.6	47803.5	48230.3	46277.1	44323.8	42374.0
	75°	22715.1	24675.2	24723.0	24767.4	24815.2	25221.6	23603.0	21984.4	20369.2
	77.5°	6699.8	7399.8	7976.9	8550.6	9127.7	9824.3	9230.1	8632.6	8038.4
	80°	1939.6	2117.2	2267.4	2414.2	2564.5	2475.7	2335.7	2195.7	2055.7
	82.5°	348.3	327.8	324.4	321.0	321.0	303.9	276.6	249.3	222.0
	85°	61.5	58.1	54.6	51.2	47.8	44.4	37.6	34.1	27.3
	87.5°	20.5	17.1	13.7	10.2	10.2	3.4	3.4	3.4	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA9C-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049063

CATALOG NUMBER: GALN-SA9C-750-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°	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1	198.1
0.0	0.0	2.5°	194.6	191.2	191.2	191.2	191.2	187.8	187.8	187.8	187.8
0.0	0.0	5°	215.1	215.1	211.7	211.7	208.3	208.3	204.9	204.9	201.5
0.0	0.0	7.5°	252.7	249.3	245.9	242.4	239.0	232.2	228.8	225.4	225.4
0.0	0.0	10°	303.9	297.1	293.7	286.8	283.4	276.6	269.8	262.9	256.1
0.0	0.0	12.5°	399.5	385.9	375.6	362.0	348.3	338.1	324.4	314.2	300.5
0.0	0.0	15°	693.2	659.1	621.5	577.1	529.3	484.9	437.1	409.8	379.0
0.0	0.0	17.5°	1772.3	1594.7	1413.7	1266.9	1120.0	976.6	829.8	723.9	618.1
0.0	0.0	20°	4510.9	4019.2	3527.5	3042.6	2554.3	2069.4	1581.0	1335.2	1089.3
0.0	0.0	22.5°	8489.1	7577.4	6662.2	5777.8	4890.0	4005.5	3121.1	2564.5	2011.3
0.0	0.0	25°	13102.5	11955.1	10807.8	9353.1	7895.0	6440.3	4985.6	4080.7	3175.7
0.0	0.0	27.5°	17050.0	15728.5	14407.0	12638.1	10869.2	9100.4	7331.5	5982.7	4637.3
0.0	0.0	30°	20468.2	19047.6	17627.1	15568.0	13508.9	11449.8	9390.6	7703.7	6016.8
0.0	0.0	32.5°	23432.2	21731.7	20031.1	17907.1	15783.1	13659.1	11535.1	9465.8	7396.4
0.0	0.0	35°	26850.4	24866.4	22879.0	20522.8	18163.2	15807.0	13450.8	11115.1	8776.0
0.0	0.0	37.5°	31194.0	28759.3	26321.1	23695.2	21069.2	18446.6	15820.7	13150.3	10480.0
0.0	0.0	40°	39509.0	36367.4	33225.8	29889.6	26549.9	23213.7	19877.4	16599.2	13321.1
0.0	0.0	42.5°	54407.7	50163.1	45918.5	41479.3	37036.7	32597.5	28154.9	23531.2	18904.2
0.0	0.0	45°	71222.1	65956.5	60687.5	55705.3	50719.7	45737.6	40755.4	34410.7	28066.1
0.0	0.0	47.5°	80677.6	74992.0	69306.4	64590.6	59874.7	55158.9	50443.1	43603.3	36763.5
0.0	0.0	50°	84157.2	78369.2	72581.1	68241.0	63897.4	59557.2	55213.6	48363.5	41510.1
0.0	0.0	52.5°	84898.3	78994.1	73089.9	68722.4	64354.9	59990.8	55623.3	48817.7	42012.0
0.0	0.0	55°	86421.2	80086.8	73749.0	68770.2	63791.5	58812.7	53834.0	46919.1	40004.1
0.0	0.0	57.5°	88412.1	81917.1	75422.2	69750.3	64078.3	58409.8	52737.9	45177.5	37617.2
0.0	0.0	60°	87889.6	82238.1	76583.3	70508.4	64430.1	58355.2	52276.9	43961.9	35643.5
0.0	0.0	62.5°	78819.9	74319.3	69815.2	64819.3	59820.1	54824.3	49828.5	41267.6	32706.8
0.0	0.0	65°	64843.3	61558.2	58273.2	54254.0	50231.4	46212.2	42193.0	34516.6	26843.6
0.0	0.0	67.5°	52553.5	48851.8	45146.8	41943.7	38737.3	35534.2	32327.7	26287.0	20246.2
		70°	41752.5	37726.5	33697.0	30569.1	27437.8	24309.8	21181.9	17166.1	13153.7
		72.5°	33157.5	29527.6	25897.7	22561.4	19221.8	15885.6	12545.9	10172.6	7799.4
		75°	15848.0	14396.7	12945.4	11200.5	9455.5	7710.6	5965.6	4930.9	3899.7
		77.5°	5873.4	5091.4	4306.0	3595.8	2885.5	2178.6	1468.4	1345.4	1222.5
		80°	1519.6	1324.9	1126.9	986.9	843.5	703.4	563.4	508.8	457.6
		82.5°	174.2	160.5	150.3	143.4	133.2	126.3	116.1	105.9	95.6
		85°	10.2	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA9C-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049063

CATALOG NUMBER: GALN-SA9C-750-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	198.1	198.1
0.0	0.0	2.5°	184.4	181.0
0.0	0.0	5°	194.6	191.2
0.0	0.0	7.5°	215.1	208.3
0.0	0.0	10°	235.6	228.8
0.0	0.0	12.5°	266.4	256.1
0.0	0.0	15°	300.5	280.0
0.0	0.0	17.5°	358.6	314.2
0.0	0.0	20°	484.9	372.2
0.0	0.0	22.5°	683.0	464.4
0.0	0.0	25°	1003.9	642.0
0.0	0.0	27.5°	1396.6	853.7
0.0	0.0	30°	1857.6	1068.8
0.0	0.0	32.5°	2264.0	1273.7
0.0	0.0	35°	2793.3	1482.0
0.0	0.0	37.5°	3445.5	1748.4
0.0	0.0	40°	4456.3	2151.3
0.0	0.0	42.5°	6276.4	2895.7
0.0	0.0	45°	10193.1	5006.1
0.0	0.0	47.5°	15684.1	8280.8
0.0	0.0	50°	19187.6	10568.7
0.0	0.0	52.5°	19474.5	10551.7
0.0	0.0	55°	17777.3	9380.4
0.0	0.0	57.5°	15168.5	7840.3
0.0	0.0	60°	12607.4	6201.2
0.0	0.0	62.5°	9933.6	4282.1
0.0	0.0	65°	7259.8	3028.9
0.0	0.0	67.5°	5214.4	2264.0
		70°	3428.4	1734.7
		72.5°	2233.3	1413.7
		75°	1502.5	1171.3
		77.5°	877.6	778.6
		80°	310.7	273.2
		82.5°	58.1	41.0
		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: P1049063
CATALOG NUMBER: GALN-SA9C-750-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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

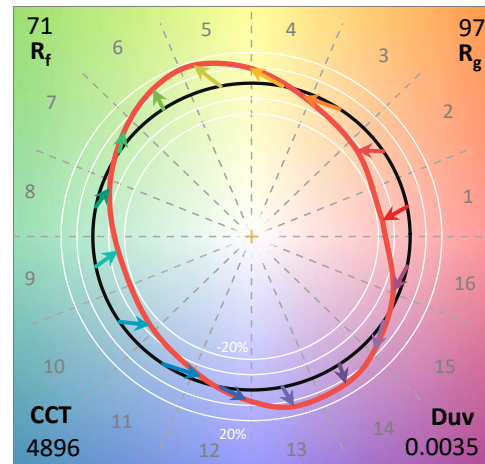
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-6
 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-750-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896	CRI (Ra):	70.2		
CIE u':	0.2101	R1:	68.1	R9:	-35.1
CIE v':	0.4901	R2:	73.9	R10:	39.3
Duv:	0.0035	R3:	79.4	R11:	71.1
CIE x:	0.3489	R4:	72.1	R12:	43.8
CIE y:	0.3618	R5:	69.2	R13:	68.1
CIE z:	0.2893	R6:	65.7	R14:	88.4
Peak Wavelength (nm):	443	R7:	78.1	R15:	59.7
Dominant Wavelength (nm):	570	R8:	55.3		
Purity:	13.25435				
Rf:	70.7				
Rg:	96.8				



Test Conditions

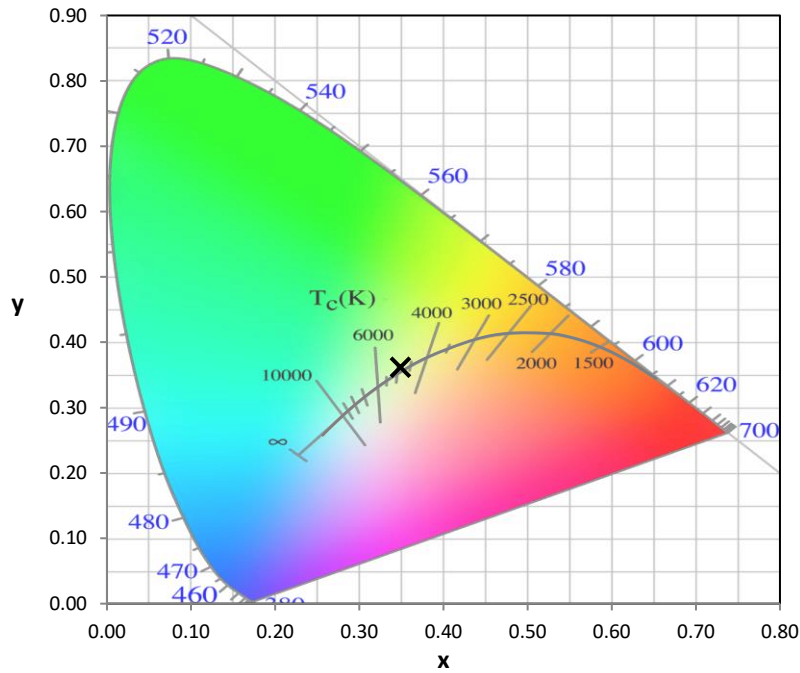
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-6

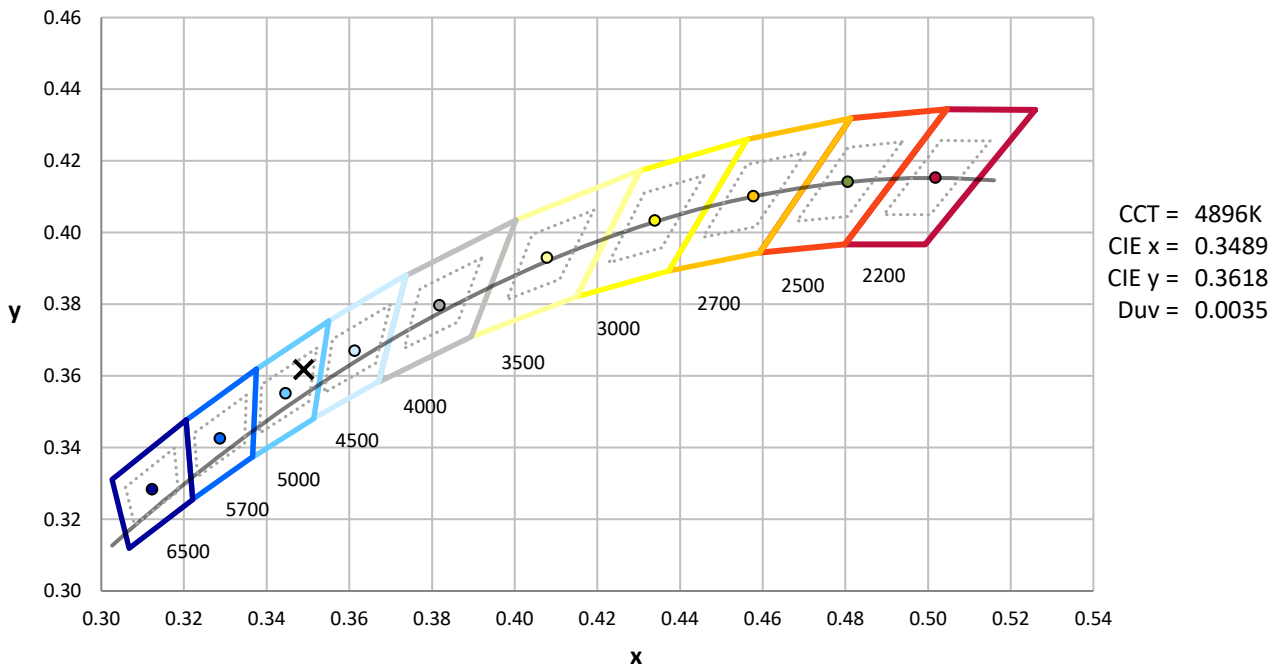
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



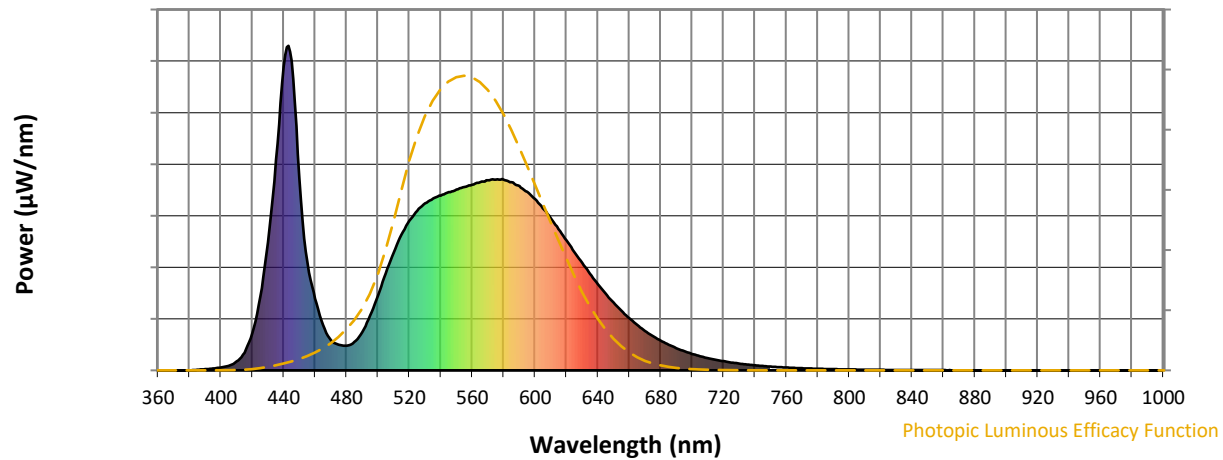
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-6

Photopic Flux vs. Wavelength

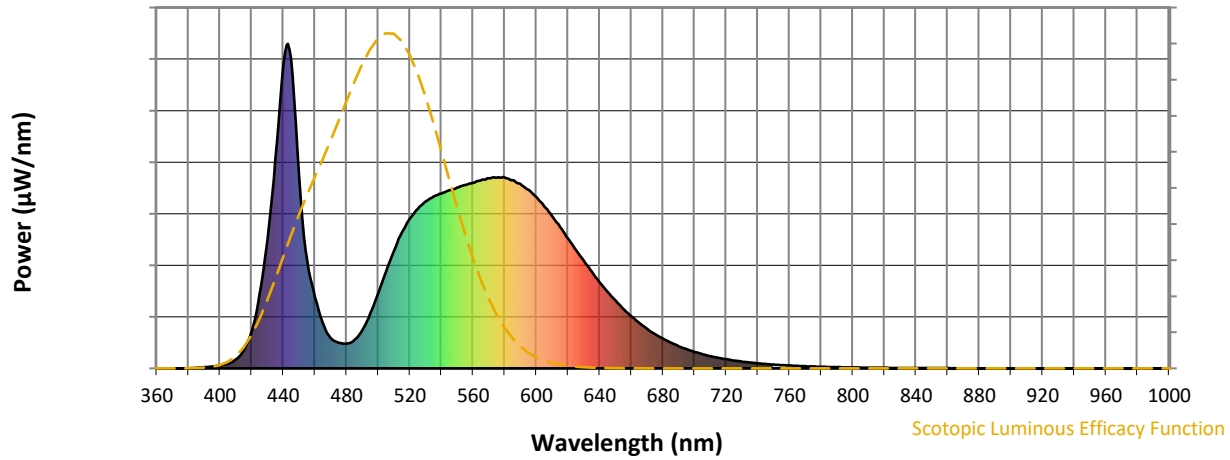


Photopic Lumens: NR

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

Scotopic Flux vs. Wavelength



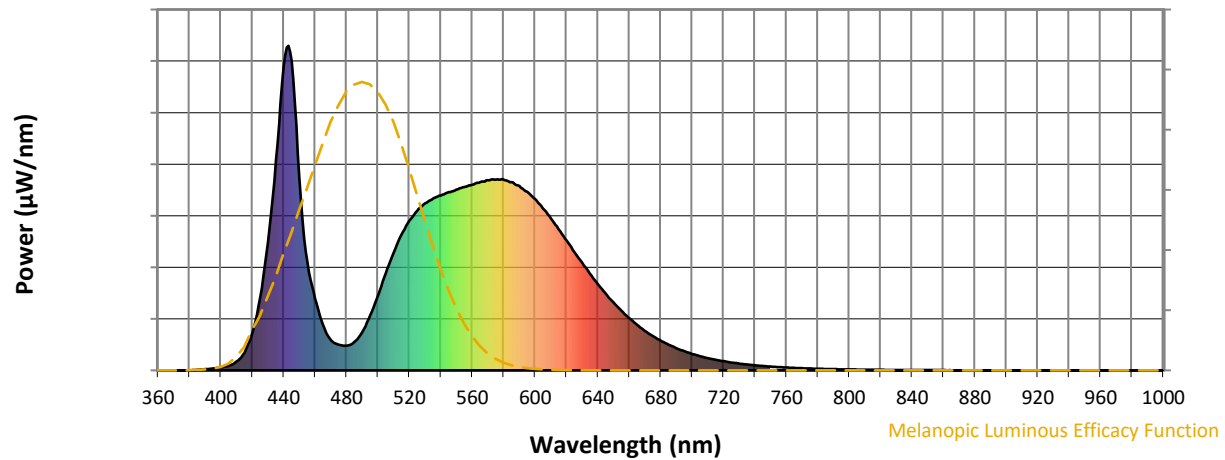
Scotopic Lumens: NR

S/P: 1.7

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

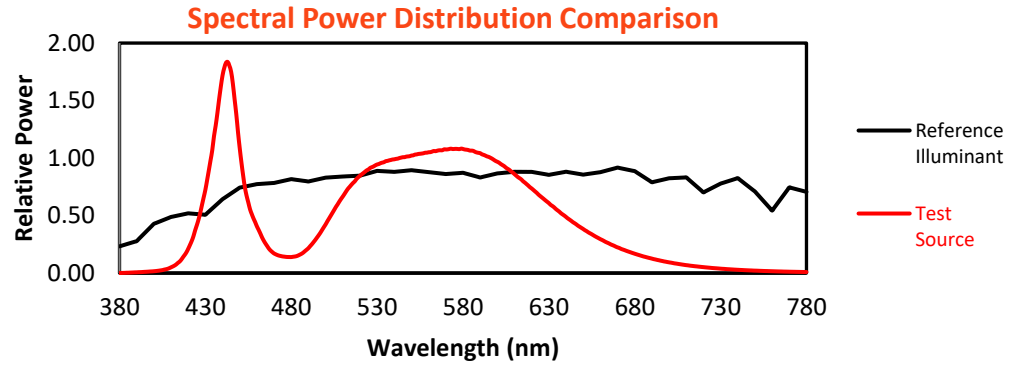
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

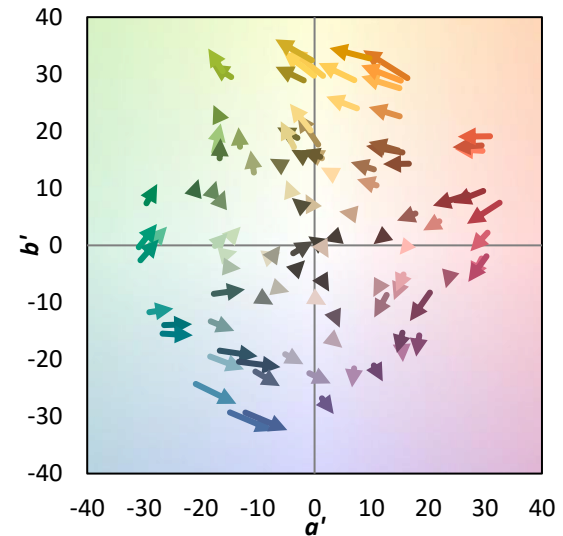
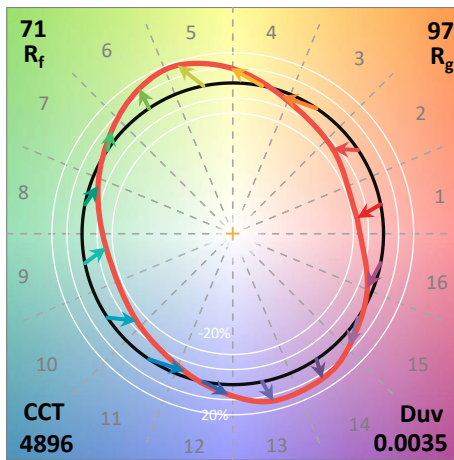
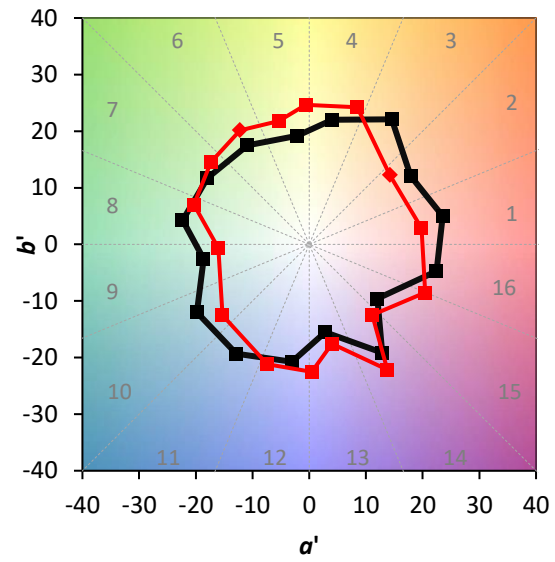
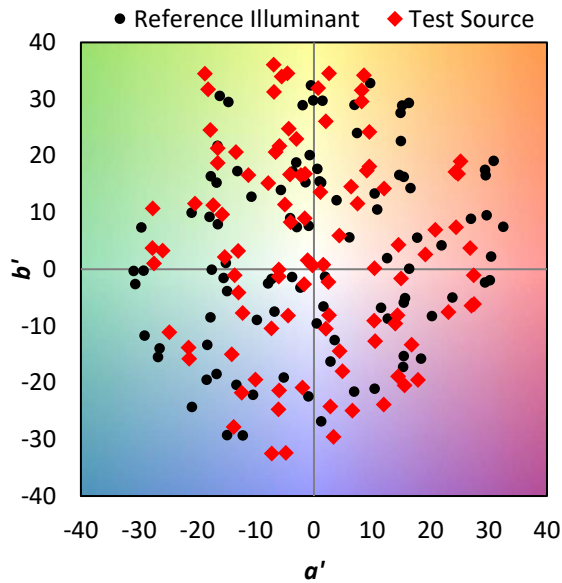
TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 CIE $R_a = 70.2$
 $R_g = -35.1$

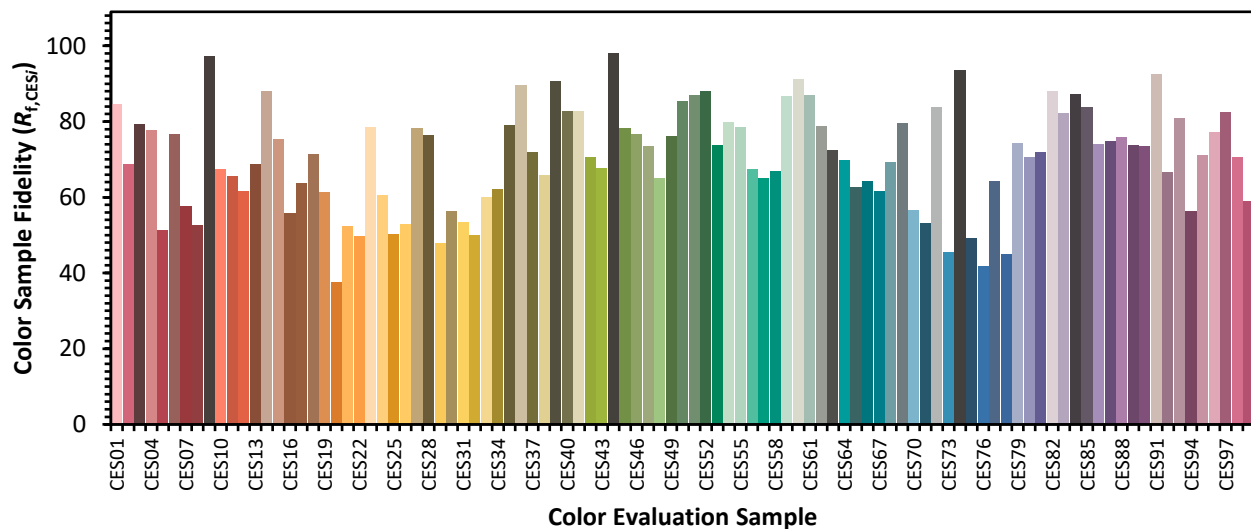


Color Vector Graphics

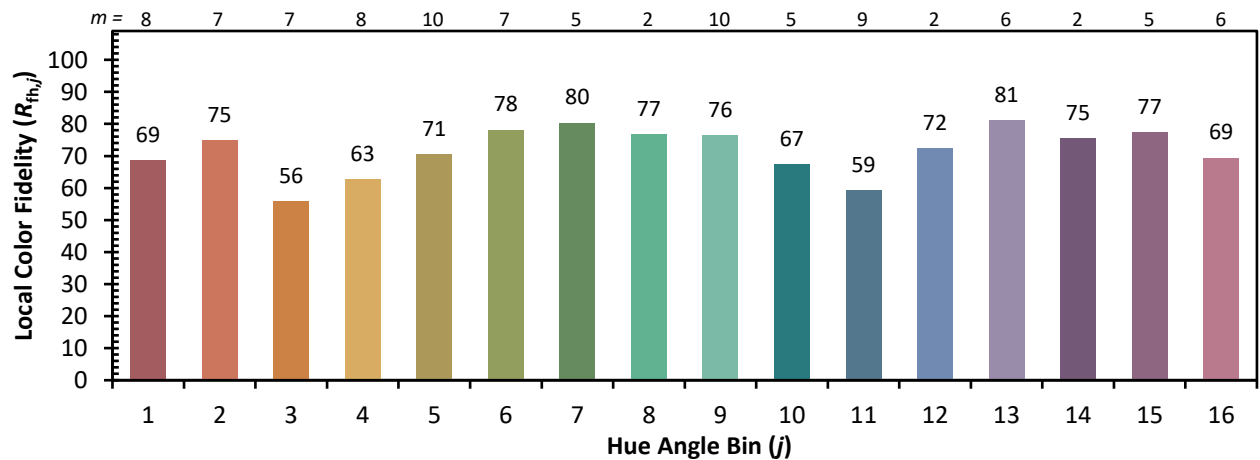
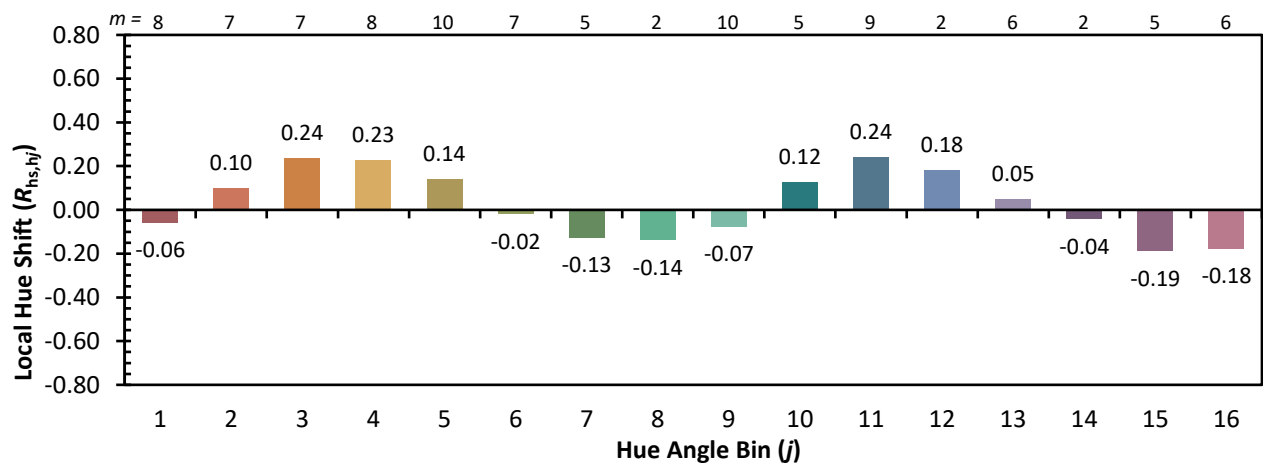
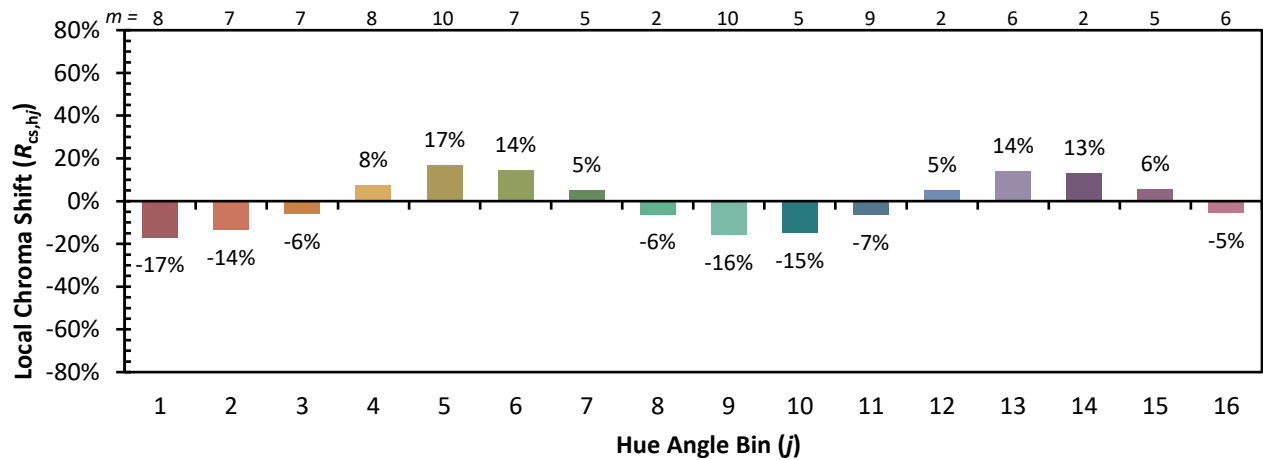


Individual Sample Fidelity Index ($R_{f,i}$)

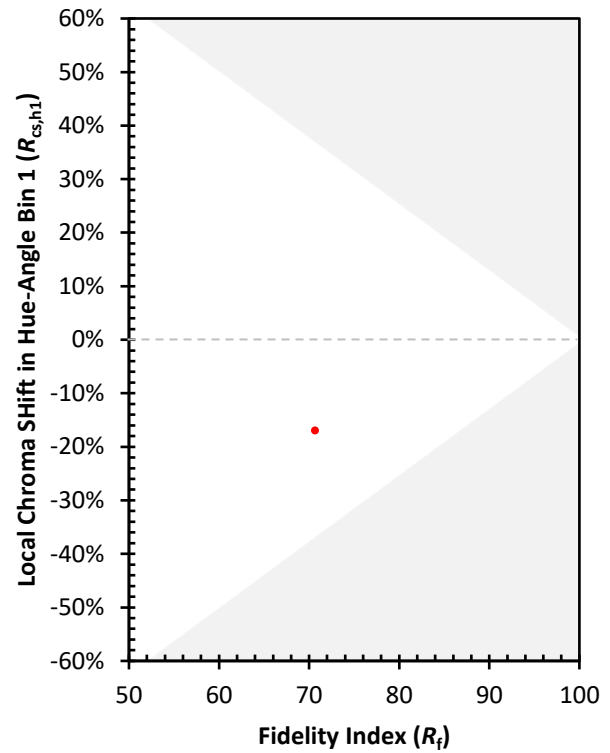
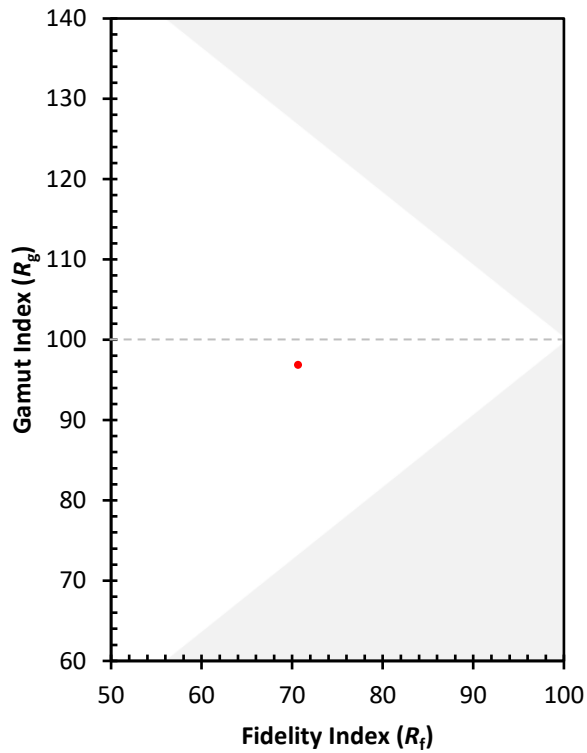
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)