

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: P1049450

Luminaire Tested: **GALN-SA7B-950-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049450
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7B-950-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE
90CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (98) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22520.8 lumens
Efficiency: N/A
Efficacy: 90.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 249.5
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

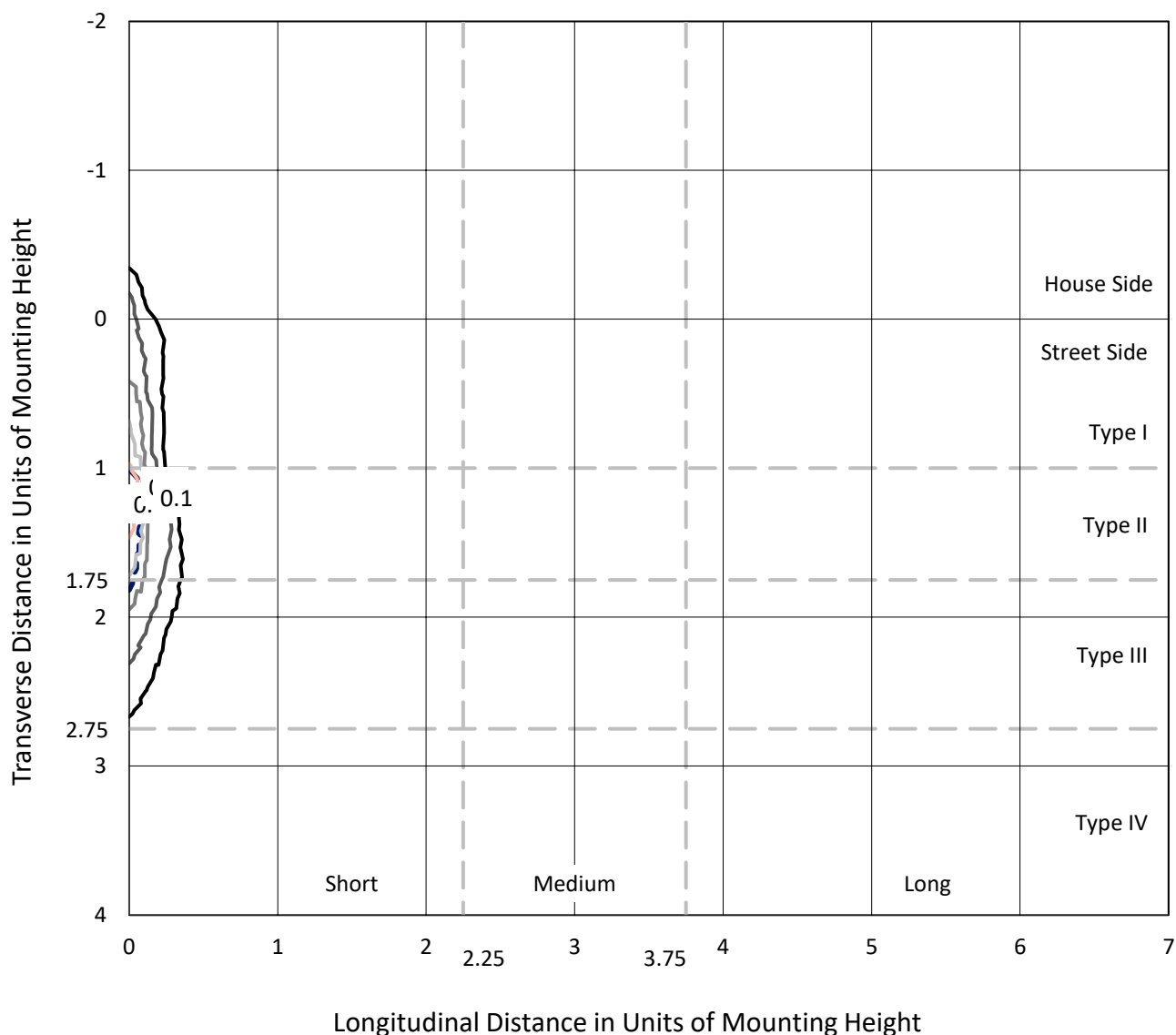
REPORT NUMBER: P1049450

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

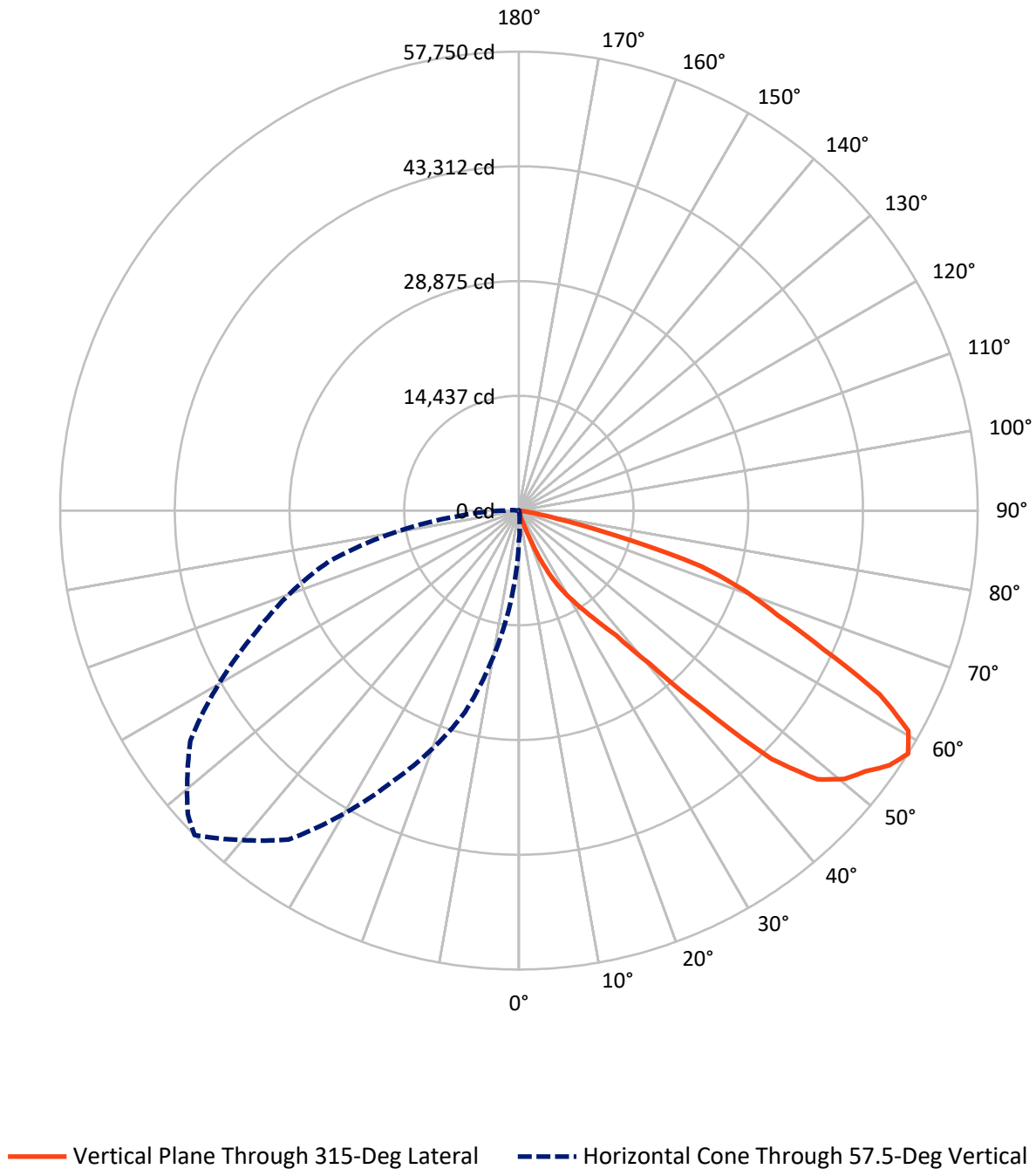


Based on 20 foot mounting height. Maximum calculated value = 3.3 fc

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	112.8	0.0	112.8
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	22408.0	0.0	22408.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	22520.8	0.0	22520.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.8	0.0
10°-20°	49.5	0.2
20°-30°	533.7	2.4
30°-40°	1578.3	7.0
40°-50°	4703.7	20.9
50°-60°	7458.4	33.1
60°-70°	6225.9	27.6
70°-80°	1919.8	8.5
80°-90°	42.7	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°	22520.8	100.0
0°-180°	22520.8	100.0



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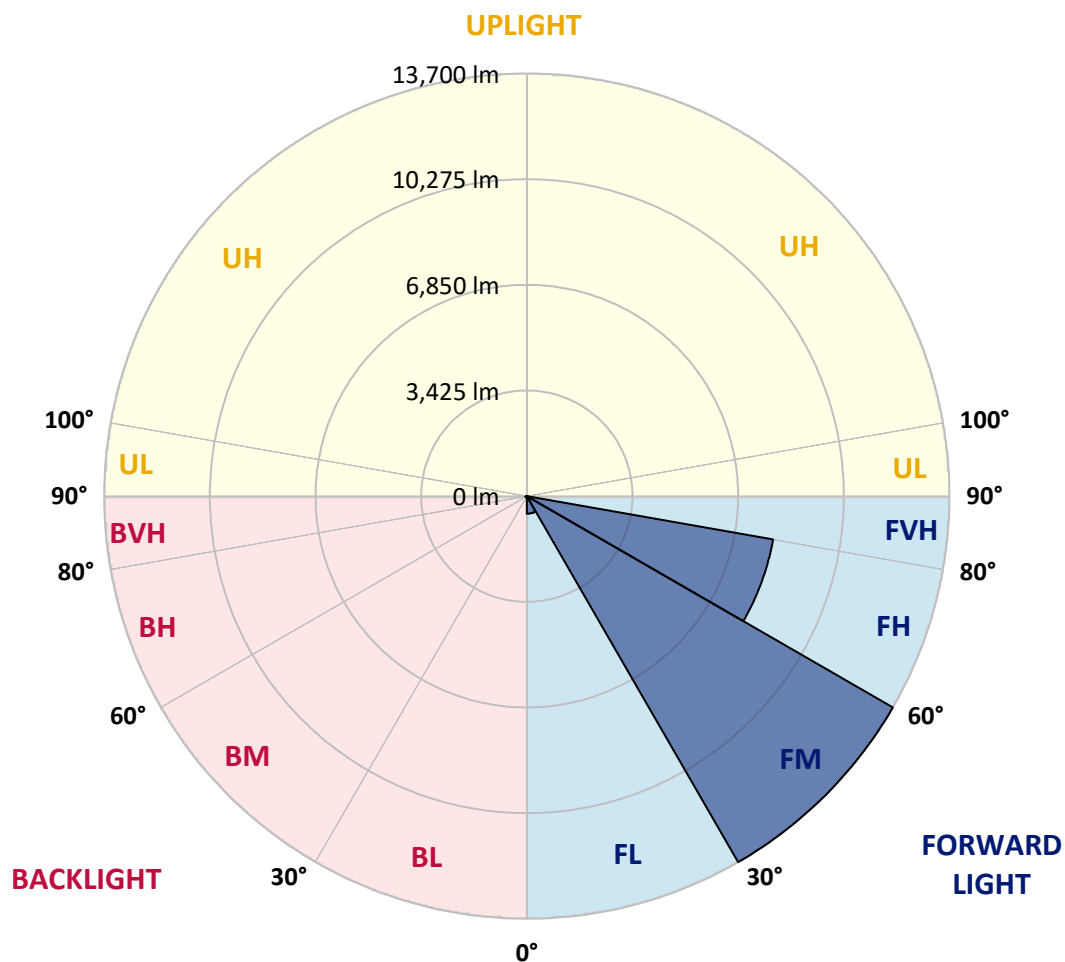
CATALOG NUMBER: GALN-SA7B-950-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	571.3	2.5			
FM	(30°-60°)	13700.0	60.8			
FH	(60°-80°)	8103.7	36.0			G4/12000
FVH	(80°-90°)	33.0	0.1			G1/100
BL	(0°-30°)	20.7	0.1	B0/110		
BM	(30°-60°)	40.3	0.2	B0/220		
BH	(60°-80°)	42.1	0.2	B0/110		G0/110
BVH	(80°-90°)	9.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-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°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
2.5°	90.2	90.2	90.2	90.2	88.5	88.5	86.8	86.8	85.1	85.1
5°	95.3	95.3	93.6	91.9	91.9	90.2	88.5	86.8	86.8	85.1
7.5°	103.8	102.1	100.4	98.7	95.3	93.6	90.2	88.5	86.8	83.4
10°	114.0	110.6	107.2	103.8	100.4	97.0	93.6	91.9	88.5	86.8
12.5°	127.6	122.5	115.7	110.6	107.2	102.1	98.7	95.3	90.2	86.8
15°	139.6	132.7	124.2	117.4	112.3	105.5	100.4	95.3	91.9	86.8
17.5°	156.6	144.7	131.0	122.5	115.7	107.2	98.7	93.6	88.5	81.7
20°	185.5	161.7	136.2	125.9	115.7	105.5	95.3	88.5	83.4	76.6
22.5°	231.5	190.6	149.8	134.4	120.8	105.5	91.9	85.1	78.3	71.5
25°	320.0	246.8	173.6	153.2	132.7	112.3	91.9	83.4	76.6	68.1
27.5°	425.5	316.5	205.9	177.0	149.8	120.8	91.9	81.7	73.2	63.0
30°	532.7	388.0	241.7	204.2	166.8	129.3	91.9	80.0	69.8	57.9
32.5°	634.8	454.4	272.3	228.1	183.8	137.9	93.6	80.0	66.4	52.8
35°	738.6	508.9	277.4	231.5	185.5	137.9	91.9	76.6	63.0	47.7
37.5°	871.4	570.1	267.2	221.2	177.0	131.0	86.8	73.2	59.6	44.2
40°	1072.2	672.2	272.3	224.6	177.0	129.3	81.7	68.1	56.2	42.5
42.5°	1443.2	869.7	294.4	240.0	185.5	129.3	74.9	63.0	52.8	40.8
45°	2495.0	1444.9	394.8	313.1	231.5	149.8	68.1	57.9	49.4	39.1
47.5°	4127.1	2418.4	709.7	548.0	388.0	226.3	66.4	57.9	49.4	39.1
50°	5267.3	3080.4	893.5	687.6	481.6	275.7	69.8	59.6	51.1	40.8
52.5°	5258.8	3128.1	995.6	764.1	534.4	302.9	73.2	63.0	54.5	44.2
55°	4675.1	2845.5	1014.3	779.5	546.3	311.4	78.3	68.1	57.9	47.7
57.5°	3907.5	2416.7	925.8	716.5	508.9	299.5	90.2	78.3	68.1	56.2
60°	3090.6	1906.1	721.6	570.1	420.4	268.9	119.1	103.8	90.2	74.9
62.5°	2134.2	1381.9	629.7	505.5	382.9	258.7	136.2	120.8	107.2	91.9
65°	1509.6	1039.8	568.4	462.9	359.1	253.6	148.1	131.0	115.7	98.7
67.5°	1128.3	827.1	524.2	434.0	343.8	253.6	163.4	143.0	124.2	103.8
70°	864.6	679.0	491.8	418.7	347.2	274.0	200.8	171.9	144.7	115.7
72.5°	704.6	580.3	454.4	401.6	348.9	296.1	243.4	205.9	168.5	129.3
75°	583.7	496.9	410.2	365.9	323.4	279.1	234.9	200.8	168.5	134.4
77.5°	388.0	354.0	318.3	292.7	267.2	240.0	214.4	185.5	158.3	129.3
80°	136.2	131.0	125.9	136.2	146.4	156.6	166.8	146.4	127.6	107.2
82.5°	20.4	18.7	17.0	18.7	20.4	22.1	23.8	25.5	27.2	28.9
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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CATALOG NUMBER: GALN-SA7B-950-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°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	83.4	83.4	81.7	81.7	81.7	80.0	80.0	78.3	78.3	78.3
0.0	5°	81.7	81.7	80.0	78.3	76.6	76.6	74.9	73.2	73.2	71.5
0.0	7.5°	80.0	78.3	76.6	74.9	73.2	71.5	69.8	68.1	68.1	66.4
0.0	10°	81.7	78.3	76.6	73.2	71.5	69.8	66.4	64.7	63.0	63.0
0.0	12.5°	78.3	76.6	73.2	69.8	68.1	64.7	63.0	59.6	57.9	57.9
0.0	15°	78.3	74.9	69.8	66.4	63.0	61.3	57.9	54.5	52.8	51.1
0.0	17.5°	73.2	69.8	64.7	61.3	57.9	54.5	51.1	47.7	46.0	44.2
0.0	20°	66.4	63.0	57.9	52.8	49.4	46.0	42.5	39.1	37.4	35.7
0.0	22.5°	59.6	56.2	51.1	46.0	42.5	39.1	34.0	30.6	28.9	25.5
0.0	25°	56.2	51.1	46.0	40.8	35.7	32.3	27.2	22.1	18.7	15.3
0.0	27.5°	47.7	42.5	37.4	32.3	27.2	22.1	17.0	11.9	8.5	6.8
0.0	30°	40.8	35.7	30.6	25.5	18.7	13.6	8.5	1.7	1.7	1.7
0.0	32.5°	34.0	28.9	22.1	17.0	13.6	8.5	5.1	0.0	0.0	0.0
0.0	35°	27.2	22.1	15.3	10.2	8.5	5.1	3.4	0.0	0.0	0.0
0.0	37.5°	23.8	18.7	11.9	5.1	3.4	3.4	1.7	0.0	0.0	0.0
0.0	40°	22.1	15.3	8.5	1.7	1.7	1.7	0.0	0.0	0.0	0.0
0.0	42.5°	22.1	15.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	22.1	15.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	22.1	15.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	23.8	17.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	27.2	20.4	13.6	6.8	5.1	3.4	1.7	0.0	0.0	0.0
0.0	55°	34.0	30.6	25.5	22.1	17.0	11.9	5.1	0.0	0.0	0.0
0.0	57.5°	44.2	44.2	42.5	40.8	30.6	20.4	10.2	0.0	0.0	0.0
0.0	60°	59.6	59.6	59.6	59.6	44.2	30.6	15.3	0.0	0.0	0.0
0.0	62.5°	73.2	69.8	64.7	61.3	46.0	30.6	15.3	0.0	0.0	0.0
0.0	65°	73.2	66.4	57.9	49.4	37.4	25.5	11.9	0.0	0.0	0.0
0.0	67.5°	68.1	54.5	39.1	25.5	18.7	13.6	6.8	0.0	0.0	0.0
	70°	68.1	47.7	27.2	6.8	5.1	3.4	1.7	0.0	0.0	0.0
	72.5°	68.1	46.0	22.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	74.9	51.1	25.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	74.9	51.1	25.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	66.4	44.2	22.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	22.1	15.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[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°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	76.6	76.6	76.6	74.9	74.9	74.9	74.9	73.2	73.2	73.2
0.0	5°	69.8	69.8	68.1	68.1	66.4	66.4	64.7	64.7	63.0	63.0
0.0	7.5°	64.7	63.0	63.0	61.3	59.6	59.6	57.9	57.9	56.2	54.5
0.0	10°	59.6	57.9	57.9	56.2	54.5	52.8	52.8	51.1	49.4	47.7
0.0	12.5°	54.5	52.8	51.1	49.4	47.7	46.0	46.0	44.2	42.5	40.8
0.0	15°	47.7	46.0	44.2	42.5	40.8	39.1	39.1	37.4	35.7	34.0
0.0	17.5°	40.8	39.1	39.1	37.4	35.7	34.0	32.3	28.9	27.2	25.5
0.0	20°	30.6	28.9	27.2	25.5	23.8	20.4	18.7	15.3	11.9	10.2
0.0	22.5°	20.4	17.0	15.3	11.9	8.5	6.8	5.1	1.7	0.0	0.0
0.0	25°	6.8	5.1	3.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA7B-950-U-RBC

[illegible]

REPORT NUMBER: P1049450

CATALOG NUMBER: GALN-SA7B-950-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	71.5	71.5	71.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8
0.0	5°	61.3	61.3	61.3	59.6	59.6	57.9	57.9	57.9	56.2	56.2
0.0	7.5°	52.8	51.1	51.1	49.4	49.4	47.7	47.7	47.7	46.0	46.0
0.0	10°	44.2	42.5	42.5	40.8	40.8	39.1	39.1	37.4	37.4	35.7
0.0	12.5°	39.1	37.4	35.7	34.0	34.0	32.3	30.6	30.6	28.9	27.2
0.0	15°	30.6	28.9	27.2	25.5	23.8	22.1	20.4	20.4	18.7	17.0
0.0	17.5°	20.4	17.0	15.3	13.6	13.6	11.9	10.2	8.5	6.8	5.1
0.0	20°	5.1	3.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049450

CATALOG NUMBER: GALN-SA7B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049450

CATALOG NUMBER: GALN-SA7B-950-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°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	69.8	68.1	68.1	68.1	69.8	69.8	69.8	69.8	69.8	69.8
0.0	5°	56.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
0.0	7.5°	46.0	44.2	44.2	44.2	44.2	42.5	42.5	42.5	42.5	42.5
0.0	10°	35.7	34.0	34.0	34.0	34.0	32.3	32.3	32.3	32.3	32.3
0.0	12.5°	25.5	25.5	23.8	23.8	23.8	22.1	22.1	22.1	22.1	20.4
0.0	15°	15.3	13.6	11.9	11.9	11.9	10.2	10.2	10.2	10.2	8.5
0.0	17.5°	3.4	3.4	1.7	1.7	1.7	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049450

CATALOG NUMBER: GALN-SA7B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049450

CATALOG NUMBER: GALN-SA7B-950-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	71.5	71.5	73.2	73.2	74.9	78.3	80.0	81.7	85.1	88.5
0.0	5°	56.2	57.9	57.9	59.6	61.3	63.0	64.7	66.4	69.8	73.2
0.0	7.5°	44.2	44.2	46.0	46.0	47.7	51.1	52.8	54.5	57.9	63.0
0.0	10°	34.0	34.0	35.7	35.7	37.4	40.8	42.5	44.2	47.7	52.8
0.0	12.5°	22.1	23.8	23.8	25.5	27.2	30.6	32.3	34.0	37.4	40.8
0.0	15°	10.2	11.9	11.9	13.6	15.3	18.7	20.4	22.1	25.5	30.6
0.0	17.5°	1.7	1.7	3.4	3.4	5.1	6.8	8.5	10.2	15.3	18.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	6.8
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA7B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049450

CATALOG NUMBER: GALN-SA7B-950-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°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	93.6	97.0	100.4	103.8	107.2	110.6	112.3	115.7	117.4	119.1
0.0	5°	80.0	83.4	88.5	91.9	95.3	98.7	102.1	103.8	105.5	107.2
0.0	7.5°	69.8	73.2	78.3	81.7	85.1	88.5	91.9	95.3	97.0	98.7
0.0	10°	59.6	64.7	68.1	73.2	76.6	80.0	83.4	86.8	90.2	91.9
0.0	12.5°	47.7	52.8	57.9	61.3	66.4	71.5	74.9	78.3	81.7	85.1
0.0	15°	37.4	42.5	47.7	51.1	56.2	61.3	66.4	69.8	73.2	76.6
0.0	17.5°	27.2	32.3	37.4	40.8	46.0	51.1	54.5	59.6	63.0	66.4
0.0	20°	13.6	18.7	23.8	28.9	34.0	39.1	42.5	47.7	51.1	54.5
0.0	22.5°	1.7	6.8	11.9	15.3	20.4	25.5	28.9	34.0	37.4	40.8
0.0	25°	0.0	1.7	5.1	6.8	8.5	11.9	15.3	18.7	22.1	25.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.7	3.4	6.8	10.2	13.6
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7	3.4
	85°	0.0	0.0	0.0	0.0	0.0	3.4	5.1	8.5	10.2	11.9
	87.5°	0.0	1.7	3.4	5.1	6.8	10.2	13.6	17.0	18.7	20.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049450

CATALOG NUMBER: GALN-SA7B-950-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
98.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.7											
6.8											
15.3											
22.1											
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REPORT NUMBER: P1049450

CATALOG NUMBER: GALN-SA7B-950-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	120.8	120.8	120.8	120.8	119.1	119.1	119.1	117.4	117.4	115.7
0.0	5°	110.6	112.3	112.3	112.3	112.3	112.3	112.3	112.3	110.6	110.6
0.0	7.5°	102.1	103.8	105.5	105.5	107.2	107.2	107.2	105.5	105.5	103.8
0.0	10°	97.0	98.7	98.7	100.4	100.4	100.4	100.4	100.4	100.4	100.4
0.0	12.5°	90.2	91.9	93.6	93.6	95.3	95.3	95.3	95.3	93.6	93.6
0.0	15°	81.7	85.1	86.8	88.5	88.5	90.2	90.2	90.2	90.2	90.2
0.0	17.5°	74.9	78.3	80.0	81.7	81.7	83.4	83.4	85.1	85.1	85.1
0.0	20°	61.3	64.7	66.4	69.8	71.5	73.2	74.9	76.6	76.6	78.3
0.0	22.5°	47.7	51.1	52.8	56.2	57.9	59.6	61.3	63.0	64.7	66.4
0.0	25°	34.0	37.4	39.1	42.5	44.2	46.0	47.7	49.4	49.4	51.1
0.0	27.5°	18.7	22.1	25.5	27.2	30.6	32.3	34.0	35.7	37.4	39.1
0.0	30°	8.5	10.2	11.9	15.3	17.0	18.7	20.4	23.8	25.5	27.2
0.0	32.5°	0.0	0.0	1.7	5.1	6.8	8.5	10.2	11.9	11.9	13.6
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.4	5.1	6.8
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	3.4	3.4	3.4	5.1	5.1	5.1	5.1	5.1	5.1	5.1
	82.5°	8.5	10.2	11.9	11.9	13.6	13.6	13.6	13.6	11.9	11.9
	85°	17.0	18.7	20.4	20.4	22.1	22.1	22.1	22.1	22.1	22.1
	87.5°	23.8	25.5	27.2	27.2	28.9	28.9	28.9	28.9	28.9	28.9
	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: P1049450

CATALOG NUMBER: GALN-SA7B-950-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
98.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	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											
5.1											
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REPORT NUMBER: P1049450

CATALOG NUMBER: GALN-SA7B-950-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°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	114.0	114.0	112.3	112.3	112.3	112.3	112.3	114.0	115.7	115.7
0.0	5°	108.9	108.9	107.2	107.2	107.2	108.9	108.9	110.6	112.3	114.0
0.0	7.5°	103.8	102.1	102.1	103.8	103.8	105.5	105.5	107.2	108.9	110.6
0.0	10°	100.4	98.7	98.7	98.7	100.4	100.4	102.1	103.8	105.5	107.2
0.0	12.5°	93.6	93.6	93.6	93.6	95.3	95.3	97.0	98.7	102.1	103.8
0.0	15°	90.2	88.5	88.5	88.5	88.5	90.2	90.2	93.6	97.0	98.7
0.0	17.5°	83.4	83.4	81.7	81.7	83.4	83.4	85.1	88.5	91.9	93.6
0.0	20°	76.6	74.9	73.2	73.2	74.9	74.9	76.6	80.0	83.4	85.1
0.0	22.5°	66.4	64.7	64.7	64.7	64.7	66.4	66.4	69.8	74.9	78.3
0.0	25°	52.8	54.5	54.5	56.2	56.2	57.9	59.6	63.0	68.1	71.5
0.0	27.5°	40.8	42.5	42.5	46.0	47.7	49.4	51.1	56.2	61.3	64.7
0.0	30°	30.6	32.3	34.0	35.7	39.1	42.5	46.0	51.1	56.2	59.6
0.0	32.5°	18.7	22.1	23.8	27.2	30.6	34.0	37.4	42.5	49.4	54.5
0.0	35°	13.6	15.3	18.7	20.4	23.8	27.2	30.6	37.4	42.5	49.4
0.0	37.5°	6.8	10.2	13.6	17.0	20.4	23.8	27.2	34.0	40.8	46.0
0.0	40°	5.1	8.5	10.2	13.6	18.7	22.1	25.5	32.3	39.1	46.0
0.0	42.5°	3.4	5.1	6.8	11.9	15.3	20.4	25.5	32.3	39.1	46.0
0.0	45°	3.4	3.4	5.1	10.2	15.3	22.1	27.2	34.0	39.1	46.0
0.0	47.5°	3.4	5.1	6.8	13.6	17.0	22.1	27.2	32.3	39.1	44.2
0.0	50°	5.1	6.8	8.5	15.3	18.7	23.8	27.2	34.0	39.1	46.0
0.0	52.5°	3.4	5.1	6.8	13.6	18.7	25.5	30.6	37.4	44.2	49.4
0.0	55°	1.7	1.7	1.7	10.2	20.4	28.9	39.1	44.2	51.1	56.2
0.0	57.5°	0.0	0.0	0.0	6.8	20.4	32.3	44.2	51.1	57.9	63.0
0.0	60°	0.0	0.0	0.0	6.8	20.4	32.3	44.2	52.8	61.3	69.8
0.0	62.5°	0.0	0.0	0.0	6.8	17.0	27.2	37.4	51.1	66.4	80.0
0.0	65°	0.0	0.0	0.0	5.1	13.6	22.1	30.6	51.1	71.5	90.2
0.0	67.5°	0.0	0.0	0.0	5.1	13.6	20.4	28.9	51.1	71.5	93.6
	70°	0.0	0.0	0.0	5.1	13.6	22.1	30.6	51.1	71.5	91.9
	72.5°	0.0	0.0	0.0	5.1	15.3	23.8	34.0	51.1	68.1	85.1
	75°	0.0	0.0	0.0	6.8	15.3	25.5	35.7	51.1	66.4	80.0
	77.5°	0.0	0.0	0.0	5.1	15.3	23.8	34.0	49.4	64.7	78.3
	80°	5.1	3.4	3.4	8.5	15.3	22.1	28.9	44.2	61.3	76.6
	82.5°	10.2	10.2	8.5	11.9	15.3	20.4	25.5	39.1	54.5	68.1
	85°	20.4	20.4	18.7	20.4	20.4	22.1	23.8	30.6	37.4	44.2
	87.5°	27.2	27.2	25.5	25.5	25.5	23.8	23.8	23.8	23.8	22.1
	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: P1049450

CATALOG NUMBER: GALN-SA7B-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
98.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.3											
102.1											
95.3											
93.6											
91.9											
81.7											
51.1											
22.1											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049450

CATALOG NUMBER: GALN-SA7B-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	119.1	120.8	120.8	122.5	124.2	125.9	125.9	127.6	127.6	127.6
0.0	5°	117.4	120.8	122.5	124.2	125.9	127.6	129.3	131.0	132.7	132.7
0.0	7.5°	115.7	117.4	120.8	122.5	125.9	127.6	131.0	132.7	134.4	136.2
0.0	10°	112.3	115.7	119.1	122.5	125.9	129.3	132.7	136.2	139.6	141.3
0.0	12.5°	108.9	114.0	117.4	120.8	125.9	131.0	134.4	139.6	143.0	146.4
0.0	15°	107.2	110.6	115.7	119.1	125.9	132.7	137.9	144.7	151.5	156.6
0.0	17.5°	102.1	108.9	114.0	119.1	125.9	134.4	141.3	148.1	158.3	168.5
0.0	20°	95.3	100.4	107.2	112.3	122.5	131.0	141.3	149.8	165.1	180.4
0.0	22.5°	88.5	95.3	100.4	107.2	119.1	129.3	141.3	151.5	177.0	200.8
0.0	25°	81.7	90.2	97.0	103.8	117.4	131.0	144.7	158.3	200.8	243.4
0.0	27.5°	78.3	85.1	93.6	100.4	117.4	136.2	153.2	170.2	238.3	304.6
0.0	30°	73.2	81.7	88.5	97.0	119.1	141.3	163.4	185.5	289.3	393.1
0.0	32.5°	68.1	76.6	85.1	93.6	122.5	151.5	178.7	207.6	343.8	478.2
0.0	35°	63.0	73.2	81.7	90.2	127.6	166.8	204.2	241.7	393.1	542.9
0.0	37.5°	61.3	71.5	80.0	88.5	129.3	168.5	209.3	248.5	398.2	548.0
0.0	40°	63.0	71.5	81.7	90.2	124.2	158.3	190.6	224.6	381.2	536.1
0.0	42.5°	63.0	73.2	83.4	93.6	120.8	148.1	175.3	202.5	376.1	549.7
0.0	45°	61.3	71.5	81.7	91.9	117.4	141.3	166.8	190.6	406.7	621.2
0.0	47.5°	59.6	69.8	80.0	90.2	115.7	141.3	166.8	192.3	525.9	857.7
0.0	50°	59.6	69.8	78.3	86.8	117.4	149.8	180.4	211.0	765.8	1319.0
0.0	52.5°	63.0	71.5	78.3	85.1	120.8	158.3	194.0	229.8	973.5	1715.5
0.0	55°	68.1	73.2	80.0	85.1	129.3	171.9	216.1	258.7	1036.4	1814.2
0.0	57.5°	74.9	80.0	85.1	90.2	144.7	199.1	251.9	306.3	1041.5	1775.1
0.0	60°	83.4	90.2	95.3	100.4	158.3	217.8	275.7	333.6	942.8	1550.4
0.0	62.5°	102.1	110.6	117.4	125.9	182.1	236.6	292.7	347.2	782.9	1218.5
0.0	65°	117.4	124.2	131.0	137.9	192.3	248.5	302.9	357.4	663.7	970.1
0.0	67.5°	120.8	127.6	132.7	139.6	195.7	251.9	306.3	362.5	568.4	772.7
	70°	122.5	131.0	141.3	149.8	207.6	265.5	321.7	379.5	503.8	628.0
	72.5°	117.4	134.4	149.8	165.1	219.5	272.3	326.8	379.5	468.0	556.5
	75°	117.4	141.3	163.4	185.5	226.3	265.5	306.3	345.5	413.6	481.6
	77.5°	124.2	154.9	185.5	216.1	240.0	262.1	285.9	308.0	352.3	396.5
	80°	124.2	156.6	187.2	219.5	229.8	241.7	251.9	262.1	267.2	272.3
	82.5°	107.2	132.7	158.3	183.8	171.9	160.0	148.1	136.2	127.6	117.4
	85°	54.5	59.6	63.0	66.4	61.3	56.2	51.1	46.0	42.5	37.4
	87.5°	22.1	22.1	20.4	20.4	20.4	20.4	18.7	18.7	18.7	18.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049450

CATALOG NUMBER: GALN-SA7B-950-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
98.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
209.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
267.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
362.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
503.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
682.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
852.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
968.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1055.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1142.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1312.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1652.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2518.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3858.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4857.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4967.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4482.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3832.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2995.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2263.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1671.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1182.8											
879.9											
639.9											
481.6											
270.6											
122.5											
35.7											
17.0											
0.0											
0.0											
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REPORT NUMBER: P1049450

CATALOG NUMBER: GALN-SA7B-950-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°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	127.6	125.9	125.9	124.2	122.5	120.8	119.1	117.4	115.7	114.0
0.0	5°	132.7	132.7	132.7	131.0	131.0	129.3	129.3	127.6	125.9	124.2
0.0	7.5°	137.9	139.6	139.6	141.3	141.3	141.3	141.3	139.6	139.6	139.6
0.0	10°	146.4	148.1	149.8	151.5	153.2	154.9	154.9	156.6	156.6	156.6
0.0	12.5°	156.6	161.7	165.1	170.2	173.6	178.7	182.1	187.2	190.6	194.0
0.0	15°	171.9	180.4	190.6	199.1	207.6	219.5	233.2	245.1	257.0	275.7
0.0	17.5°	194.0	221.2	248.5	274.0	301.2	360.8	420.4	478.2	537.8	624.6
0.0	20°	236.6	318.3	398.2	479.9	559.9	769.2	976.9	1186.2	1393.8	1616.8
0.0	22.5°	331.9	532.7	733.5	934.3	1135.2	1572.5	2008.2	2445.6	2881.3	3393.5
0.0	25°	481.6	850.9	1220.2	1587.9	1957.2	2641.3	3327.2	4011.3	4695.5	5360.9
0.0	27.5°	701.2	1266.2	1831.2	2394.5	2959.6	3887.1	4816.3	5743.8	6671.4	7423.6
0.0	30°	971.8	1737.6	2503.5	3269.3	4035.2	5090.3	6145.5	7198.9	8254.1	9076.1
0.0	32.5°	1227.1	2164.8	3102.5	4038.6	4976.3	6177.8	7381.0	8582.6	9784.1	10682.7
0.0	35°	1393.8	2527.3	3662.4	4795.9	5929.3	7229.6	8529.8	9828.3	11128.6	12154.8
0.0	37.5°	1560.6	2869.4	4176.4	5485.2	6792.2	8220.1	9647.9	11075.8	12503.7	13771.6
0.0	40°	1747.8	3282.9	4816.3	6351.4	7884.8	9576.5	11266.4	12958.1	14648.1	16436.7
0.0	42.5°	2072.9	3968.8	5866.4	7762.3	9658.2	11896.1	14134.1	16370.4	18608.3	21161.2
0.0	45°	2683.9	5355.8	8029.5	10701.4	13373.4	16338.0	19304.4	22269.1	25233.8	28630.7
0.0	47.5°	4179.8	7855.9	11530.2	15206.3	18880.6	22081.9	25281.4	28482.6	31682.2	35065.5
0.0	50°	6395.7	10674.2	14952.7	19229.5	23508.0	26404.6	29299.5	32196.1	35091.0	38309.3
0.0	52.5°	7998.8	12456.0	16915.0	21372.2	25829.4	28443.5	31059.3	33673.4	36287.5	39294.7
0.0	55°	8119.7	12551.4	16984.7	21416.4	25848.1	28474.1	31100.1	33726.1	36352.1	39539.7
0.0	57.5°	7188.7	11584.7	15978.9	20374.9	24769.1	27759.3	30747.8	33738.0	36726.5	40172.8
0.0	60°	6114.8	10512.5	14908.5	19306.1	23702.1	27146.7	30593.0	34037.6	37482.2	40710.6
0.0	62.5°	4770.4	9294.0	13819.3	18342.8	22866.4	26363.8	29861.2	33356.8	36854.2	39275.9
0.0	65°	3555.2	7947.8	12340.3	16731.2	21123.7	23925.0	26726.3	29525.9	32327.2	33826.5
0.0	67.5°	2569.8	6358.2	10144.9	13933.3	17720.0	19724.8	21729.6	23732.7	25737.5	26884.6
	70°	1737.6	4361.9	6984.5	9608.8	12231.4	13878.8	15527.9	17175.4	18822.8	20371.5
	72.5°	1203.2	2677.1	4152.6	5626.4	7100.2	8757.9	10413.8	12071.4	13727.4	15366.3
	75°	798.2	1468.7	2141.0	2811.5	3482.0	4709.1	5937.9	7164.9	8392.0	9368.8
	77.5°	566.7	767.5	970.1	1170.9	1371.7	1601.5	1832.9	2062.7	2292.4	2641.3
	80°	268.9	294.4	320.0	343.8	369.3	452.7	536.1	619.5	702.9	791.4
	82.5°	127.6	137.9	148.1	156.6	166.8	175.3	183.8	192.3	200.8	192.3
	85°	34.0	34.0	35.7	35.7	35.7	35.7	35.7	35.7	35.7	34.0
	87.5°	15.3	15.3	15.3	15.3	15.3	15.3	15.3	13.6	13.6	11.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
98.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
195.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
296.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
709.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1841.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3905.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6026.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8175.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9899.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11583.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13181.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15041.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18225.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23714.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32027.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38448.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41527.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42301.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42729.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43619.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43937.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41699.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35327.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28033.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21918.5											
17005.2											
10345.7											
2990.2											
879.9											
182.1											
32.3											
11.9											
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°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	110.6	108.9	107.2	105.5	103.8	100.4	100.4	98.7	98.7
0.0	5°	120.8	119.1	117.4	115.7	115.7	114.0	112.3	112.3	110.6
0.0	7.5°	137.9	136.2	134.4	132.7	132.7	131.0	131.0	129.3	129.3
0.0	10°	158.3	158.3	158.3	158.3	158.3	156.6	156.6	156.6	154.9
0.0	12.5°	199.1	200.8	204.2	207.6	212.7	212.7	212.7	211.0	211.0
0.0	15°	314.8	333.6	347.2	360.8	372.7	399.9	396.5	391.4	388.0
0.0	17.5°	796.5	881.6	927.5	971.8	1017.7	1143.7	1123.2	1102.8	1084.1
0.0	20°	2064.4	2287.3	2435.4	2583.5	2733.2	2969.8	2911.9	2854.1	2796.2
0.0	22.5°	4416.4	4928.6	5151.6	5374.5	5595.8	5881.7	5696.2	5510.7	5326.9
0.0	25°	6690.1	7355.5	7731.6	8107.7	8482.2	8645.5	8403.9	8160.5	7918.8
0.0	27.5°	8928.1	9680.3	10012.2	10342.3	10674.2	11016.3	10716.7	10415.5	10116.0
0.0	30°	10721.8	11543.8	11902.9	12260.3	12619.4	12857.7	12547.9	12236.5	11926.8
0.0	32.5°	12481.6	13380.2	13773.3	14166.4	14557.9	14899.9	14518.7	14135.8	13754.6
0.0	35°	14205.6	15231.8	15773.0	16314.2	16855.4	17173.7	16721.0	16266.6	15813.9
0.0	37.5°	16309.1	17577.0	18182.9	18788.7	19394.6	19974.9	19476.3	18975.9	18477.3
0.0	40°	20014.1	21802.8	22732.0	23662.9	24592.1	25341.0	24711.3	24081.6	23451.9
0.0	42.5°	26266.8	28819.6	30155.6	31489.9	32825.8	33995.0	33333.0	32671.0	32008.9
0.0	45°	35424.6	38821.5	40450.2	42077.2	43705.9	44560.3	43607.2	42652.5	41699.4
0.0	47.5°	41830.5	45213.8	46663.8	48113.8	49563.8	50539.0	49373.2	48207.4	47043.3
0.0	50°	44744.1	47962.3	49417.4	50870.8	52326.0	53100.3	51754.1	50406.2	49060.0
0.0	52.5°	45307.4	48314.6	50050.5	51788.2	53524.1	54558.8	52969.3	51378.0	49788.5
0.0	55°	45916.7	49104.3	51117.6	53132.6	55146.0	56578.9	54781.8	52982.9	51185.7
0.0	57.5°	47063.7	50510.0	52518.3	54524.8	56533.0	57749.8	55947.5	54143.6	52341.3
0.0	60°	47165.9	50392.6	52118.3	53845.7	55571.4	56337.3	54613.3	52887.6	51163.6
0.0	62.5°	44121.2	46543.0	47741.1	48939.2	50137.3	50969.6	49170.7	47370.1	45571.2
0.0	65°	36826.9	38326.3	39281.1	40235.8	41190.6	42182.8	40535.3	38887.9	37240.5
0.0	67.5°	29180.4	30327.5	31585.2	32842.8	34100.5	35160.8	33841.9	32521.2	31202.2
	70°	23467.2	25014.2	26428.5	27842.7	29257.0	30124.9	28800.9	27475.1	26151.1
	72.5°	18644.1	20283.0	21464.1	22643.5	23824.6	24037.3	23063.9	22090.4	21118.6
	75°	11320.9	12297.8	12321.6	12343.7	12367.6	12570.1	11763.4	10956.7	10151.7
	77.5°	3339.1	3688.0	3975.6	4261.5	4549.1	4896.3	4600.2	4302.3	4006.2
	80°	966.7	1055.2	1130.0	1203.2	1278.1	1233.9	1164.1	1094.3	1024.5
	82.5°	173.6	163.4	161.7	160.0	160.0	151.5	137.9	124.2	110.6
	85°	30.6	28.9	27.2	25.5	23.8	22.1	18.7	17.0	13.6
	87.5°	10.2	8.5	6.8	5.1	5.1	1.7	1.7	1.7	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]

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CATALOG NUMBER: GALN-SA7B-950-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°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	0.0	2.5°	97.0	95.3	95.3	95.3	95.3	93.6	93.6	93.6	93.6
0.0	0.0	5°	107.2	107.2	105.5	105.5	103.8	103.8	102.1	102.1	100.4
0.0	0.0	7.5°	125.9	124.2	122.5	120.8	119.1	115.7	114.0	112.3	112.3
0.0	0.0	10°	151.5	148.1	146.4	143.0	141.3	137.9	134.4	131.0	127.6
0.0	0.0	12.5°	199.1	192.3	187.2	180.4	173.6	168.5	161.7	156.6	149.8
0.0	0.0	15°	345.5	328.5	309.7	287.6	263.8	241.7	217.8	204.2	188.9
0.0	0.0	17.5°	883.3	794.8	704.6	631.4	558.2	486.7	413.6	360.8	308.0
0.0	0.0	20°	2248.2	2003.1	1758.0	1516.4	1273.0	1031.3	788.0	665.4	542.9
0.0	0.0	22.5°	4230.9	3776.5	3320.4	2879.6	2437.1	1996.3	1555.5	1278.1	1002.4
0.0	0.0	25°	6530.1	5958.3	5386.4	4661.4	3934.7	3209.7	2484.7	2033.7	1582.7
0.0	0.0	27.5°	8497.5	7838.9	7180.2	6298.7	5417.1	4535.5	3653.9	2981.7	2311.2
0.0	0.0	30°	10201.1	9493.1	8785.1	7758.9	6732.6	5706.4	4680.2	3839.4	2998.7
0.0	0.0	32.5°	11678.3	10830.8	9983.2	8924.7	7866.1	6807.5	5748.9	4717.6	3686.3
0.0	0.0	35°	13381.9	12393.1	11402.6	10228.3	9052.3	7878.0	6703.7	5539.6	4373.8
0.0	0.0	37.5°	15546.7	14333.2	13118.1	11809.3	10500.6	9193.5	7884.8	6553.9	5223.1
0.0	0.0	40°	19690.7	18125.0	16559.3	14896.5	13232.1	11569.4	9906.6	8272.8	6639.0
0.0	0.0	42.5°	27116.0	25000.6	22885.2	20672.7	18458.6	16246.1	14032.0	11727.6	9421.6
0.0	0.0	45°	35496.1	32871.8	30245.8	27762.7	25278.0	22795.0	20311.9	17149.8	13987.7
0.0	0.0	47.5°	40208.6	37375.0	34541.3	32191.0	29840.7	27490.4	25140.1	21731.3	18322.4
0.0	0.0	50°	41942.8	39058.1	36173.4	34010.3	31845.5	29682.5	27517.7	24103.7	20688.0
0.0	0.0	52.5°	42312.1	39369.6	36427.0	34250.3	32073.6	29898.6	27721.9	24330.1	20938.2
0.0	0.0	55°	43071.1	39914.2	36755.5	34274.1	31792.8	29311.5	26830.1	23383.8	19937.5
0.0	0.0	57.5°	44063.3	40826.4	37589.4	34762.6	31935.7	29110.6	26283.8	22515.9	18747.9
0.0	0.0	60°	43802.9	40986.3	38168.0	35140.4	32111.0	29083.4	26054.1	21910.0	17764.2
0.0	0.0	62.5°	39282.8	37039.7	34794.9	32305.1	29813.5	27323.7	24833.8	20567.2	16300.6
0.0	0.0	65°	32317.0	30679.8	29042.6	27039.4	25034.6	23031.5	21028.4	17202.6	13378.5
0.0	0.0	67.5°	26191.9	24347.1	22500.5	20904.2	19306.1	17709.7	16111.7	13101.1	10090.4
		70°	20808.9	18802.4	16794.1	15235.2	13674.6	12115.7	10556.8	8555.3	6555.6
		72.5°	16525.2	14716.1	12907.0	11244.3	9579.9	7917.1	6252.7	5069.9	3887.1
		75°	7898.4	7175.1	6451.8	5582.2	4712.5	3842.8	2973.2	2457.5	1943.5
		77.5°	2927.2	2537.5	2146.1	1792.1	1438.1	1085.8	731.8	670.5	609.3
		80°	757.3	660.3	561.6	491.8	420.4	350.6	280.8	253.6	228.1
		82.5°	86.8	80.0	74.9	71.5	66.4	63.0	57.9	52.8	47.7
		85°	5.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049450

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	98.7	98.7
0.0	0.0	2.5°	91.9	90.2
0.0	0.0	5°	97.0	95.3
0.0	0.0	7.5°	107.2	103.8
0.0	0.0	10°	117.4	114.0
0.0	0.0	12.5°	132.7	127.6
0.0	0.0	15°	149.8	139.6
0.0	0.0	17.5°	178.7	156.6
0.0	0.0	20°	241.7	185.5
0.0	0.0	22.5°	340.4	231.5
0.0	0.0	25°	500.4	320.0
0.0	0.0	27.5°	696.1	425.5
0.0	0.0	30°	925.8	532.7
0.0	0.0	32.5°	1128.3	634.8
0.0	0.0	35°	1392.1	738.6
0.0	0.0	37.5°	1717.2	871.4
0.0	0.0	40°	2221.0	1072.2
0.0	0.0	42.5°	3128.1	1443.2
0.0	0.0	45°	5080.1	2495.0
0.0	0.0	47.5°	7816.7	4127.1
0.0	0.0	50°	9562.9	5267.3
0.0	0.0	52.5°	9705.8	5258.8
0.0	0.0	55°	8860.0	4675.1
0.0	0.0	57.5°	7559.7	3907.5
0.0	0.0	60°	6283.3	3090.6
0.0	0.0	62.5°	4950.8	2134.2
0.0	0.0	65°	3618.2	1509.6
0.0	0.0	67.5°	2598.8	1128.3
		70°	1708.7	864.6
		72.5°	1113.0	704.6
		75°	748.8	583.7
		77.5°	437.4	388.0
		80°	154.9	136.2
		82.5°	28.9	20.4
		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: P1049450

CATALOG NUMBER: GALN-SA7B-950-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: SP1-2407-184-17

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-950-U-5WQ

Data in this report applies to families of products including GSS-SB1A-950-U-5WQ

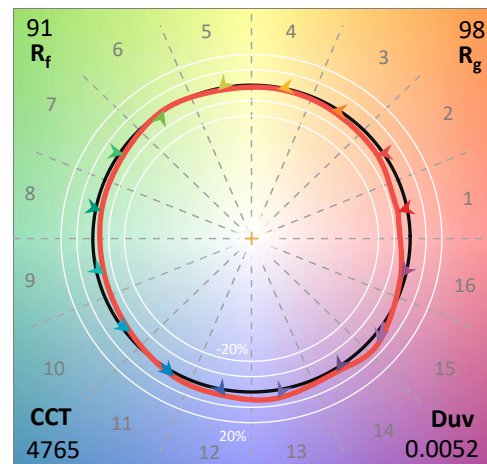
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-17
 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-950-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4765
 CIE u' : 0.2105
 CIE v' : 0.4941
 Duv: 0.0052
 CIE x: 0.3536
 CIE y: 0.3689
 CIE z: 0.2775
 Peak Wavelength (nm): 449
 Dominant Wavelength (nm): 571
 Purity: 16.80041
 R_f: 90.7
 R_g: 98

CRI (Ra): 90.8
 R1: 89.8
 R2: 93.1
 R3: 95.3
 R4: 90.3
 R5: 89.0
 R6: 89.7
 R7: 94.9
 R8: 84.0
 R9: 54.9
 R10: 83.0
 R11: 89.6
 R12: 68.0
 R13: 90.6
 R14: 97.3
 R15: 86.2



Test Conditions

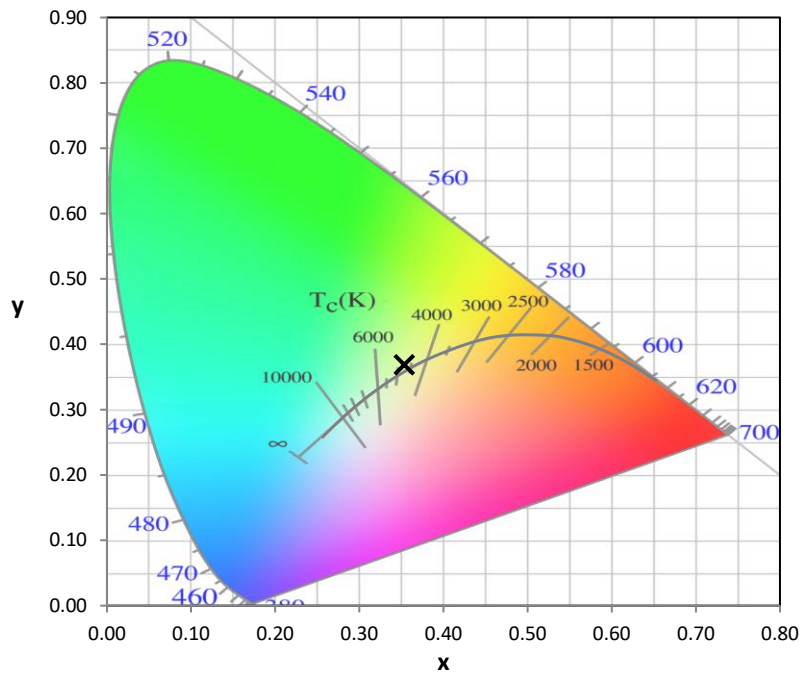
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-17

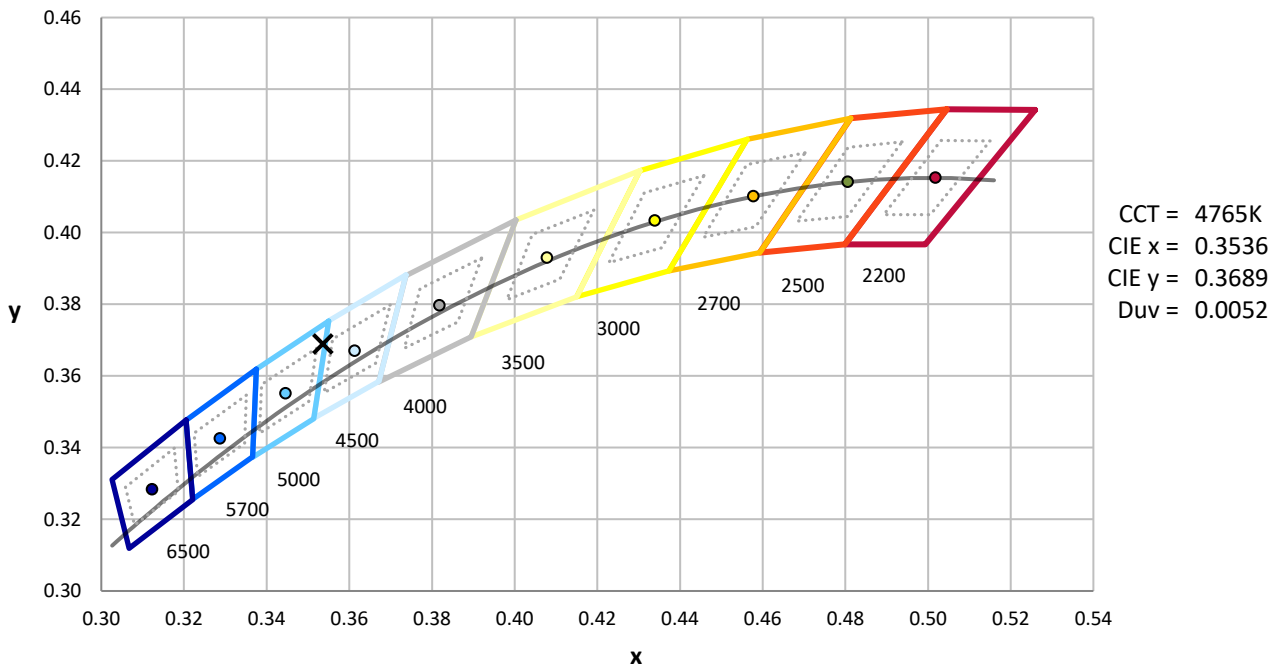
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-17

CIE 1931 Chromaticity Diagram



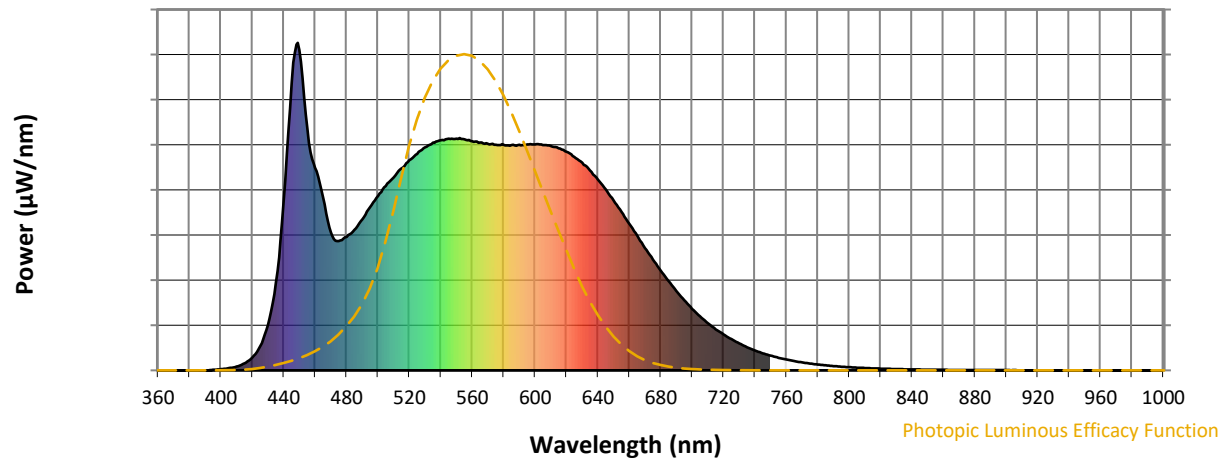
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-17

Photopic Flux vs. Wavelength

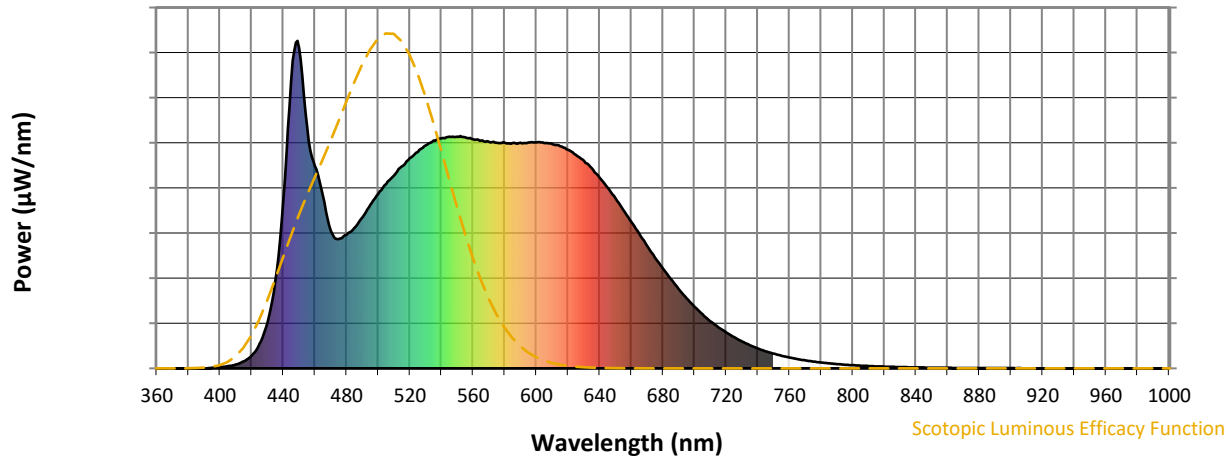


Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-17

Scotopic Flux vs. Wavelength



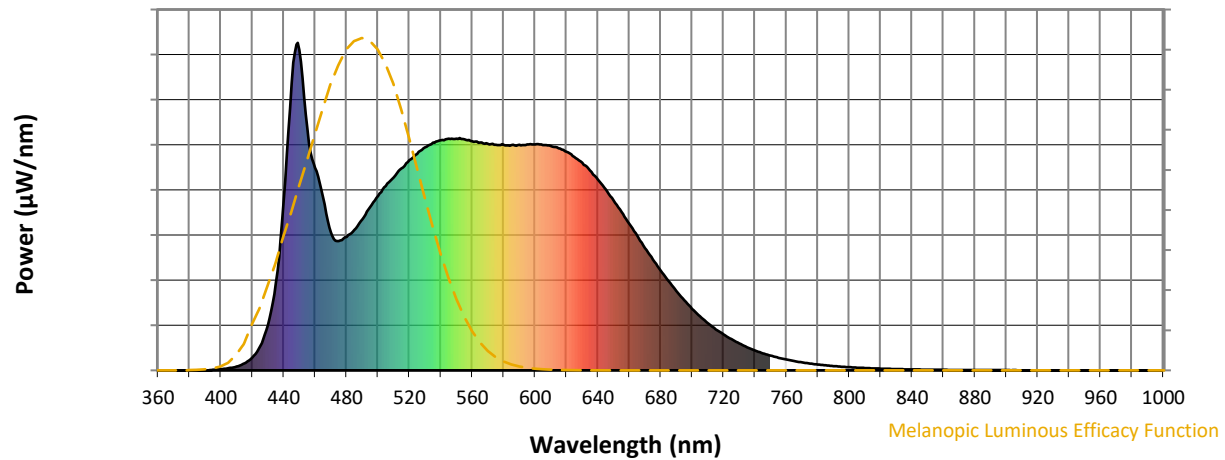
Scotopic Lumens: NR

S/P: 1.99

λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 4.22

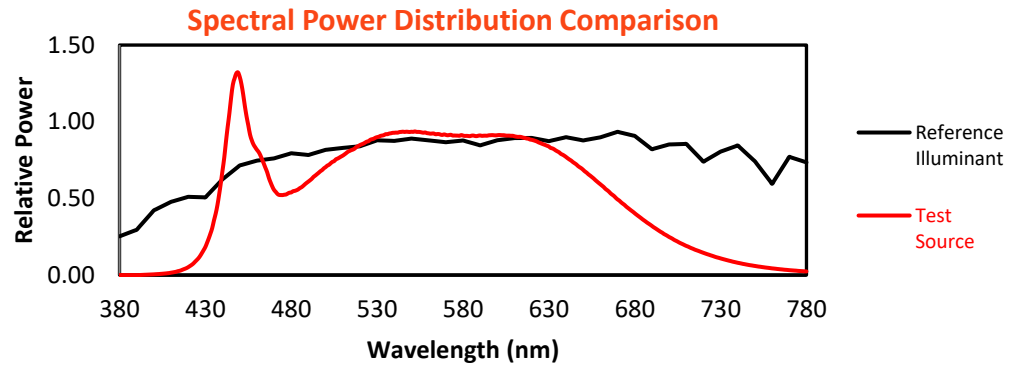
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-17

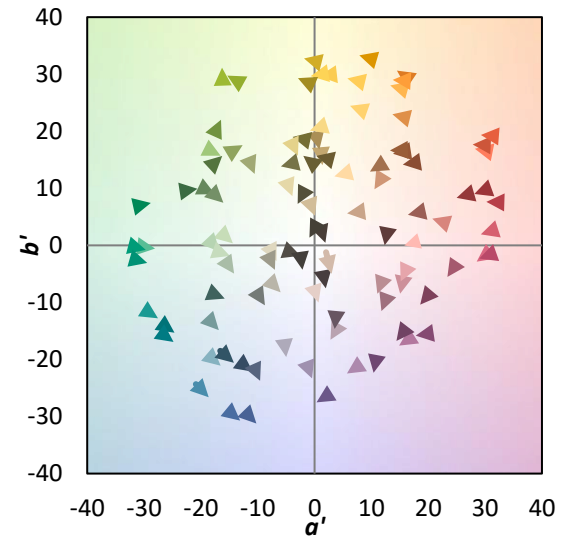
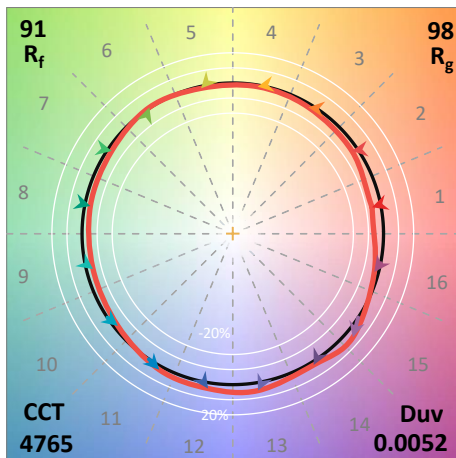
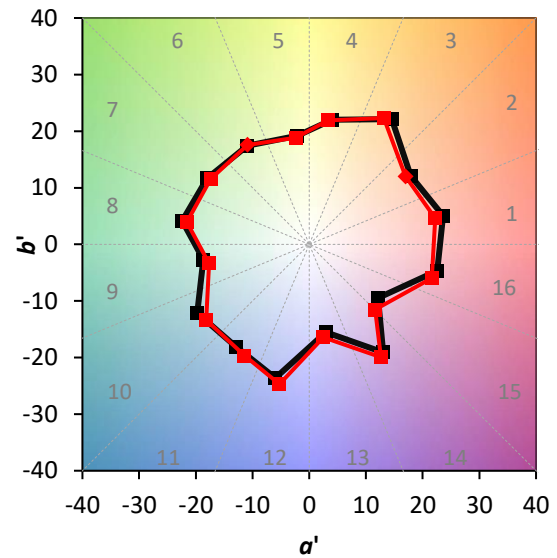
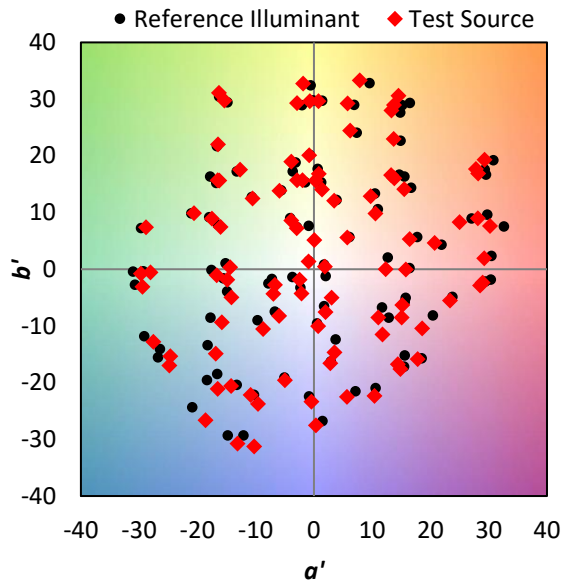
TM-30-18

Summary

$R_f = 90.7$
 $R_g = 98$
 $CIE R_a = 90.8$
 $R_9 = 54.9$

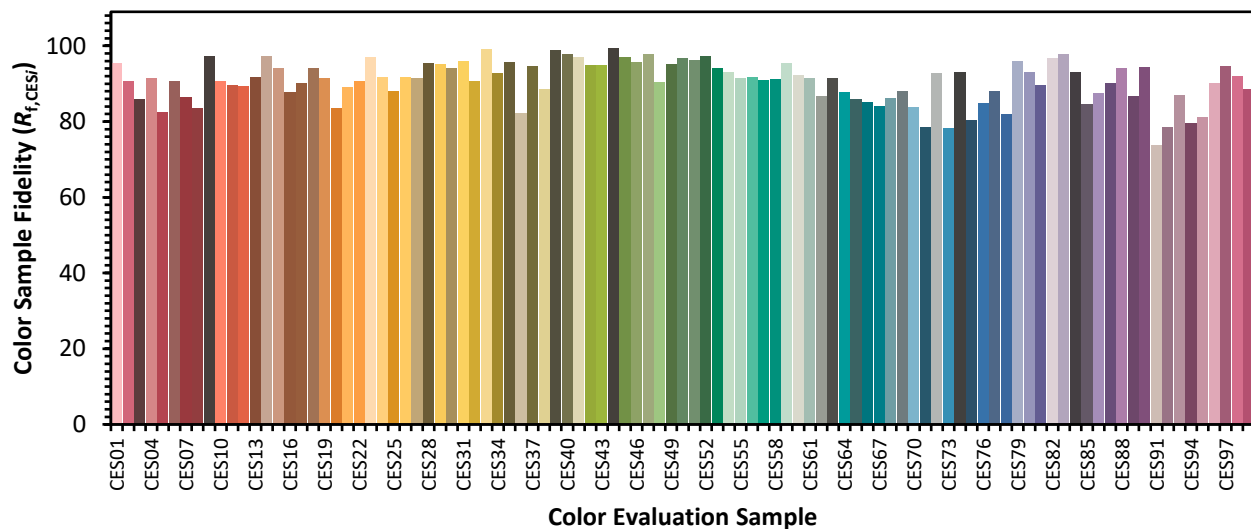


Color Vector Graphics

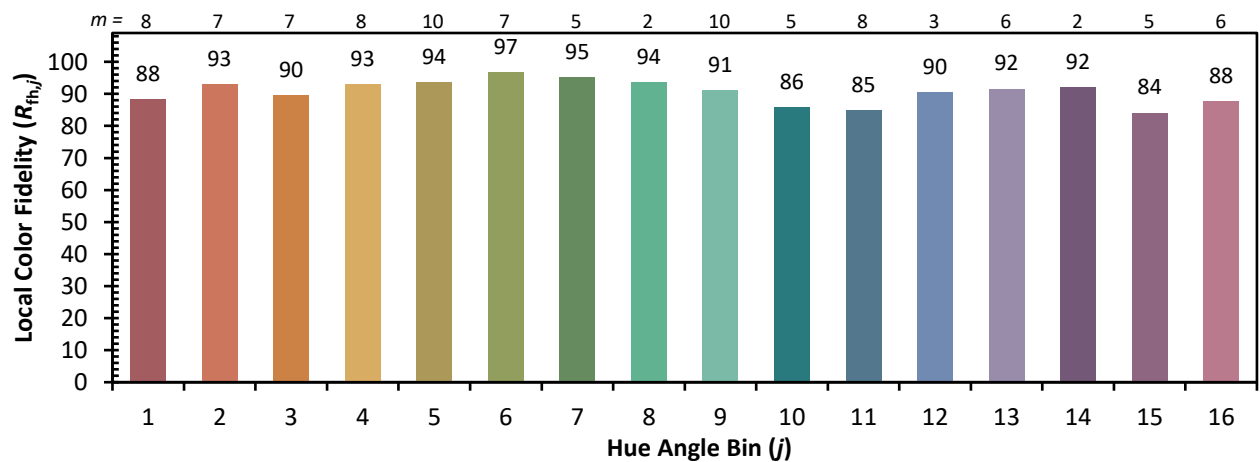
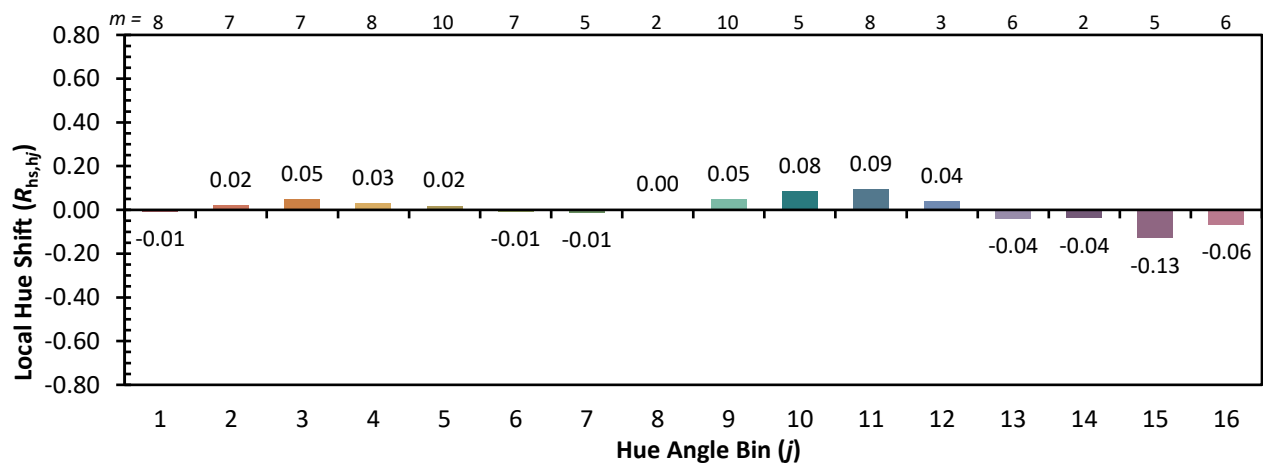
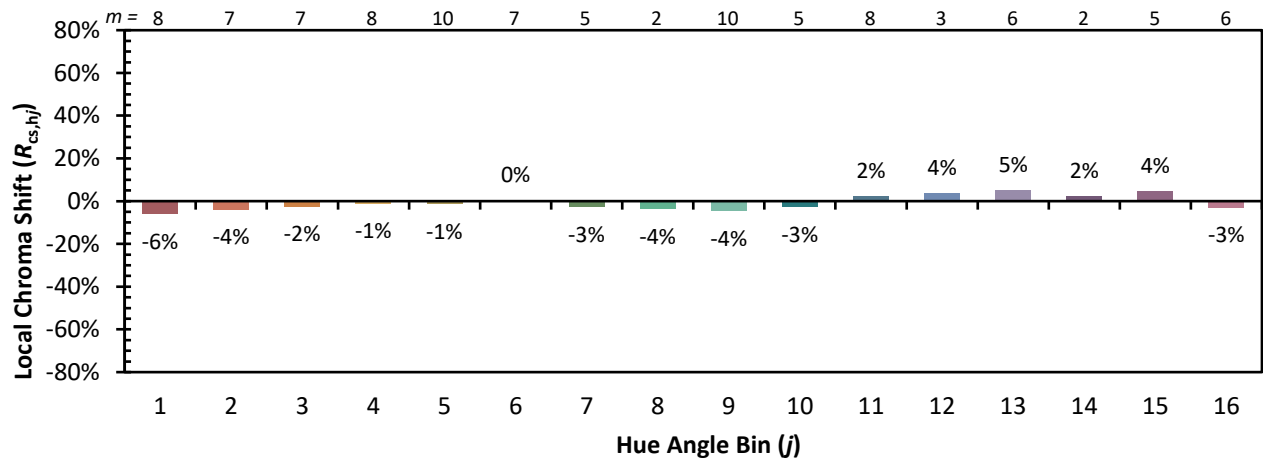


Individual Sample Fidelity Index ($R_{f,i}$)

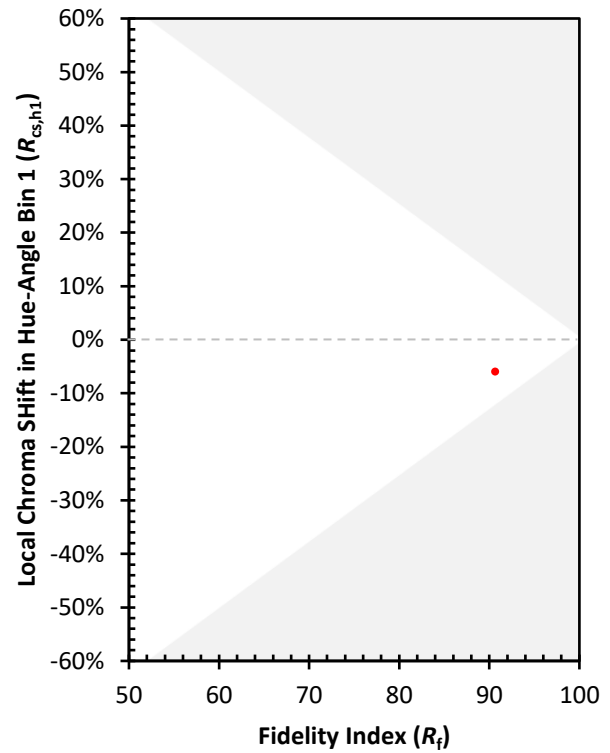
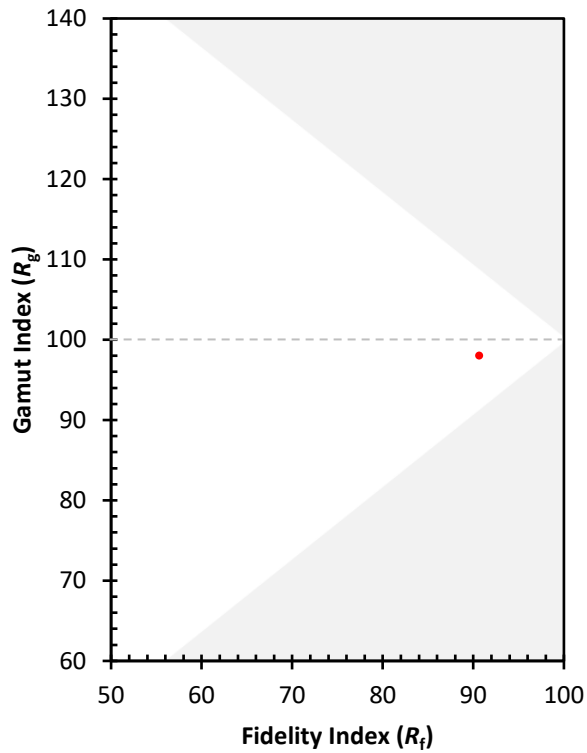
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 97
CES08 = 40	CES33 = 99	CES58 = 91	CES83 = 98
CES09 = 29	CES34 = 93	CES59 = 95	CES84 = 93
CES10 = 73	CES35 = 96	CES60 = 92	CES85 = 85
CES11 = 56	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 62	CES37 = 95	CES62 = 87	CES87 = 90
CES13 = 42	CES38 = 89	CES63 = 91	CES88 = 94
CES14 = 74	CES39 = 99	CES64 = 88	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 86	CES90 = 94
CES16 = 46	CES41 = 97	CES66 = 85	CES91 = 74
CES17 = 48	CES42 = 95	CES67 = 84	CES92 = 78
CES18 = 56	CES43 = 95	CES68 = 86	CES93 = 87
CES19 = 70	CES44 = 100	CES69 = 88	CES94 = 80
CES20 = 65	CES45 = 97	CES70 = 84	CES95 = 81
CES21 = 85	CES46 = 96	CES71 = 79	CES96 = 90
CES22 = 77	CES47 = 98	CES72 = 93	CES97 = 95
CES23 = 91	CES48 = 90	CES73 = 78	CES98 = 92
CES24 = 90	CES49 = 95	CES74 = 93	CES99 = 88
CES25 = 70	CES50 = 97	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)