

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: P1049457

Luminaire Tested: **GALN-SA9A-950-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049457
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9A-950-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE
90CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (126) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23215.1 lumens
Efficiency: N/A
Efficacy: 94.9 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

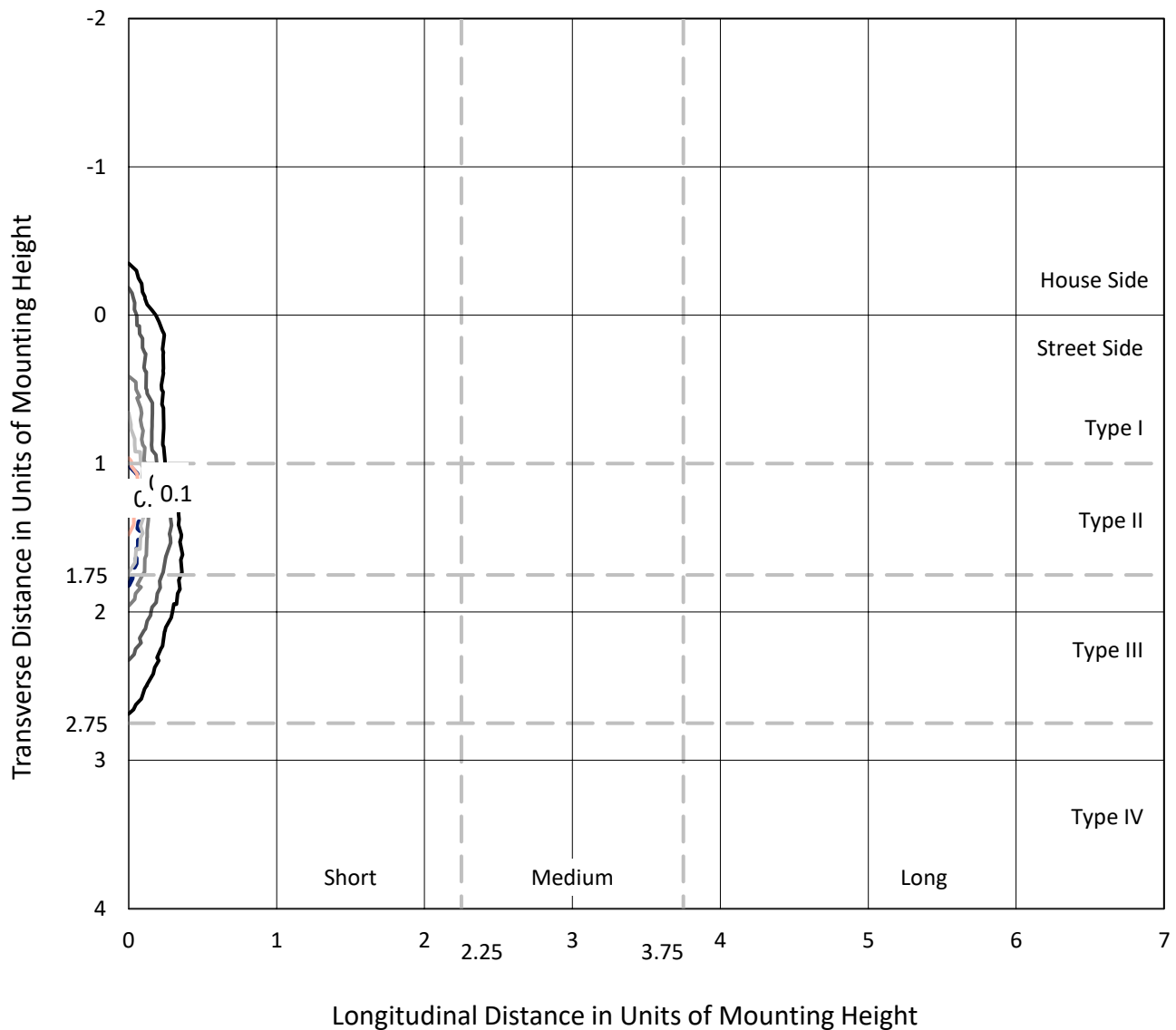
Input Watts (W): 244.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

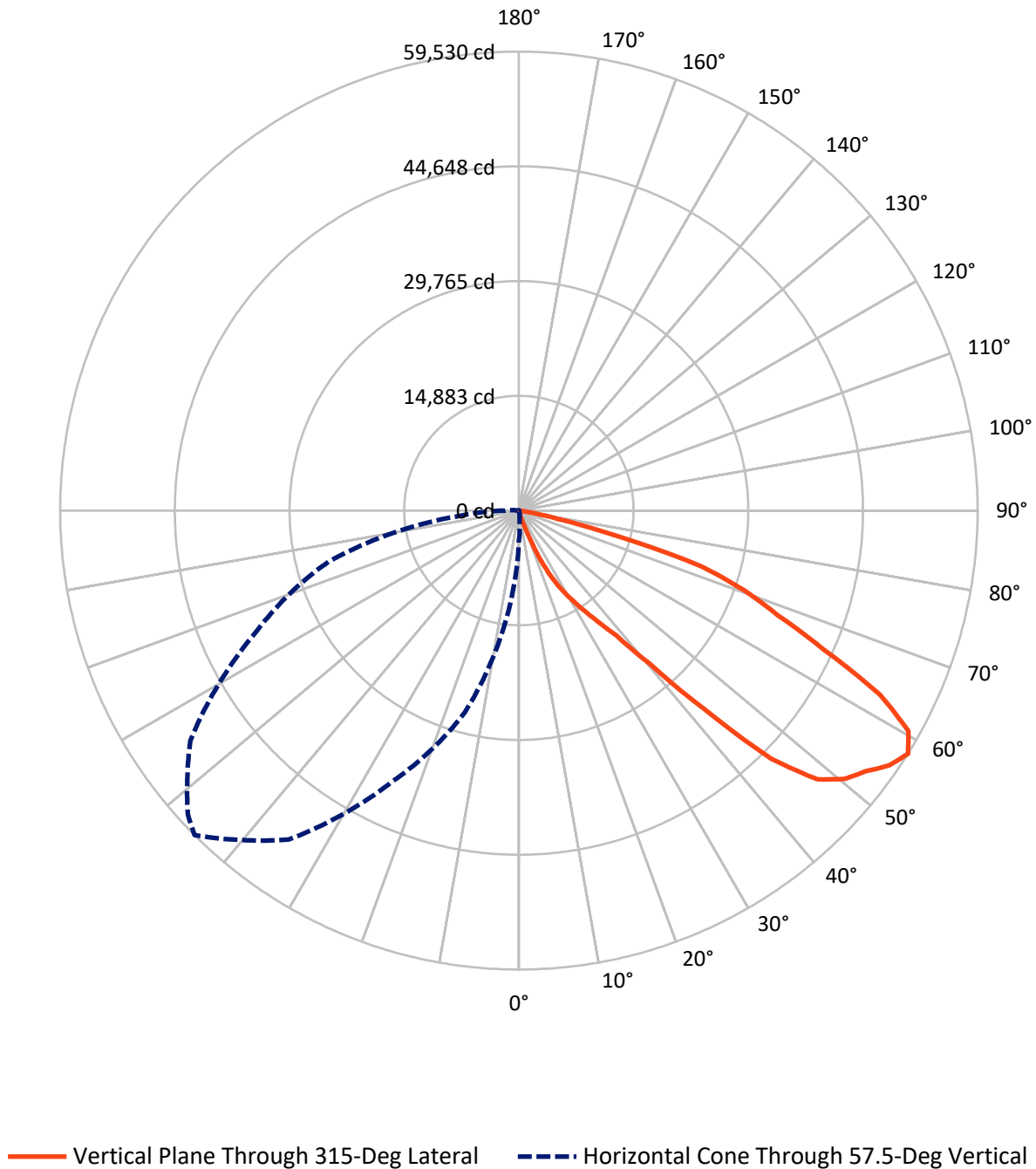
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 3.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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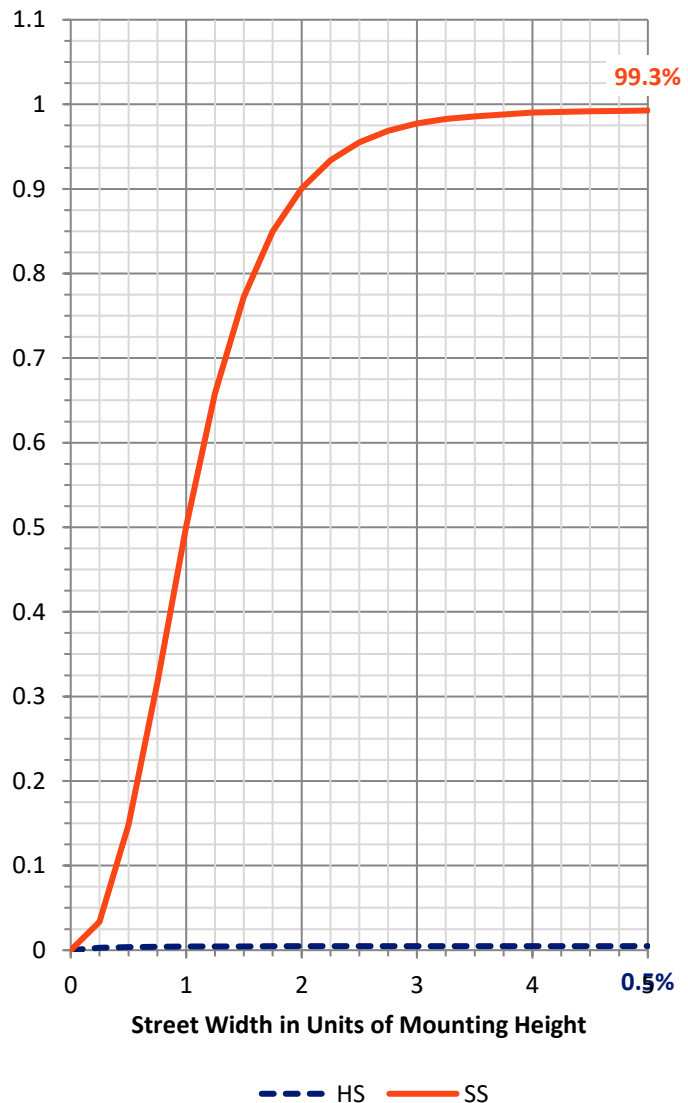
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	116.3	0.0	116.3
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	23098.8	0.0	23098.8
	% Fixture	99.5	0.0	99.5
Total	Lumens	23215.1	0.0	23215.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.1	0.0
10°-20°	51.0	0.2
20°-30°	550.2	2.4
30°-40°	1626.9	7.0
40°-50°	4848.7	20.9
50°-60°	7688.3	33.1
60°-70°	6417.9	27.6
70°-80°	1979.0	8.5
80°-90°	44.0	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°	23215.1	100.0
0°-180°	23215.1	100.0



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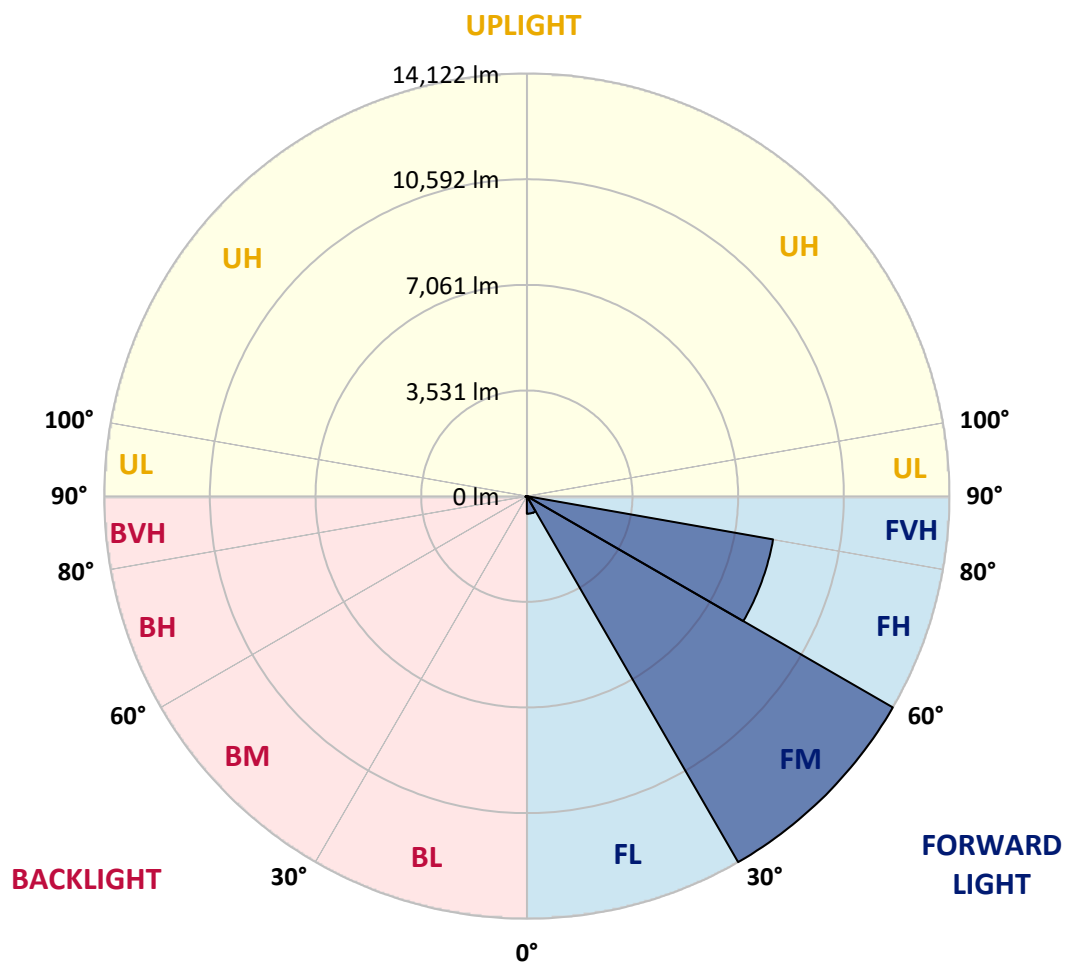
CATALOG NUMBER: GALN-SA9A-950-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	588.9	2.5			
FM	(30°-60°)	14122.4	60.8			
FH	(60°-80°)	8353.5	36.0			G4/12000
FVH	(80°-90°)	34.0	0.1			G1/100
BL	(0°-30°)	21.3	0.1	B0/110		
BM	(30°-60°)	41.6	0.2	B0/220		
BH	(60°-80°)	43.4	0.2	B0/110		G0/110
BVH	(80°-90°)	10.0	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°	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8
2.5°	93.0	93.0	93.0	93.0	91.2	91.2	89.5	89.5	87.7	87.7
5°	98.2	98.2	96.5	94.7	94.7	93.0	91.2	89.5	89.5	87.7
7.5°	107.0	105.3	103.5	101.8	98.2	96.5	93.0	91.2	89.5	86.0
10°	117.5	114.0	110.5	107.0	103.5	100.0	96.5	94.7	91.2	89.5
12.5°	131.6	126.3	119.3	114.0	110.5	105.3	101.8	98.2	93.0	89.5
15°	143.9	136.8	128.1	121.0	115.8	108.8	103.5	98.2	94.7	89.5
17.5°	161.4	149.1	135.1	126.3	119.3	110.5	101.8	96.5	91.2	84.2
20°	191.2	166.7	140.3	129.8	119.3	108.8	98.2	91.2	86.0	78.9
22.5°	238.6	196.5	154.4	138.6	124.6	108.8	94.7	87.7	80.7	73.7
25°	329.8	254.4	178.9	157.9	136.8	115.8	94.7	86.0	78.9	70.2
27.5°	438.6	326.3	212.3	182.5	154.4	124.6	94.7	84.2	75.4	64.9
30°	549.1	400.0	249.1	210.5	171.9	133.3	94.7	82.5	71.9	59.6
32.5°	654.4	468.4	280.7	235.1	189.5	142.1	96.5	82.5	68.4	54.4
35°	761.4	524.5	286.0	238.6	191.2	142.1	94.7	78.9	64.9	49.1
37.5°	898.2	587.7	275.4	228.1	182.5	135.1	89.5	75.4	61.4	45.6
40°	1105.2	693.0	280.7	231.6	182.5	133.3	84.2	70.2	57.9	43.9
42.5°	1487.7	896.5	303.5	247.4	191.2	133.3	77.2	64.9	54.4	42.1
45°	2571.9	1489.4	407.0	322.8	238.6	154.4	70.2	59.6	50.9	40.3
47.5°	4254.3	2492.9	731.6	564.9	400.0	233.3	68.4	59.6	50.9	40.3
50°	5429.7	3175.4	921.0	708.8	496.5	284.2	71.9	61.4	52.6	42.1
52.5°	5420.9	3224.5	1026.3	787.7	550.9	312.3	75.4	64.9	56.1	45.6
55°	4819.2	2933.3	1045.6	803.5	563.1	321.0	80.7	70.2	59.6	49.1
57.5°	4028.0	2491.2	954.4	738.6	524.5	308.8	93.0	80.7	70.2	57.9
60°	3185.9	1964.9	743.8	587.7	433.3	277.2	122.8	107.0	93.0	77.2
62.5°	2199.9	1424.5	649.1	521.0	394.7	266.7	140.3	124.6	110.5	94.7
65°	1556.1	1071.9	586.0	477.2	370.2	261.4	152.6	135.1	119.3	101.8
67.5°	1163.1	852.6	540.3	447.4	354.4	261.4	168.4	147.4	128.1	107.0
70°	891.2	700.0	507.0	431.6	357.9	282.4	207.0	177.2	149.1	119.3
72.5°	726.3	598.2	468.4	414.0	359.6	305.3	250.9	212.3	173.7	133.3
75°	601.7	512.3	422.8	377.2	333.3	287.7	242.1	207.0	173.7	138.6
77.5°	400.0	364.9	328.1	301.7	275.4	247.4	221.0	191.2	163.2	133.3
80°	140.3	135.1	129.8	140.3	150.9	161.4	171.9	150.9	131.6	110.5
82.5°	21.1	19.3	17.5	19.3	21.1	22.8	24.6	26.3	28.1	29.8
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-SA9A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



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CATALOG NUMBER: GALN-SA9A-950-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8
0.0	2.5°	86.0	86.0	84.2	84.2	84.2	82.5	82.5	80.7	80.7	80.7
0.0	5°	84.2	84.2	82.5	80.7	78.9	78.9	77.2	75.4	75.4	73.7
0.0	7.5°	82.5	80.7	78.9	77.2	75.4	73.7	71.9	70.2	70.2	68.4
0.0	10°	84.2	80.7	78.9	75.4	73.7	71.9	68.4	66.7	64.9	64.9
0.0	12.5°	80.7	78.9	75.4	71.9	70.2	66.7	64.9	61.4	59.6	59.6
0.0	15°	80.7	77.2	71.9	68.4	64.9	63.2	59.6	56.1	54.4	52.6
0.0	17.5°	75.4	71.9	66.7	63.2	59.6	56.1	52.6	49.1	47.4	45.6
0.0	20°	68.4	64.9	59.6	54.4	50.9	47.4	43.9	40.3	38.6	36.8
0.0	22.5°	61.4	57.9	52.6	47.4	43.9	40.3	35.1	31.6	29.8	26.3
0.0	25°	57.9	52.6	47.4	42.1	36.8	33.3	28.1	22.8	19.3	15.8
0.0	27.5°	49.1	43.9	38.6	33.3	28.1	22.8	17.5	12.3	8.8	7.0
0.0	30°	42.1	36.8	31.6	26.3	19.3	14.0	8.8	1.8	1.8	1.8
0.0	32.5°	35.1	29.8	22.8	17.5	14.0	8.8	5.3	0.0	0.0	0.0
0.0	35°	28.1	22.8	15.8	10.5	8.8	5.3	3.5	0.0	0.0	0.0
0.0	37.5°	24.6	19.3	12.3	5.3	3.5	3.5	1.8	0.0	0.0	0.0
0.0	40°	22.8	15.8	8.8	1.8	1.8	1.8	0.0	0.0	0.0	0.0
0.0	42.5°	22.8	15.8	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	22.8	15.8	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	22.8	15.8	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	24.6	17.5	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	28.1	21.1	14.0	7.0	5.3	3.5	1.8	0.0	0.0	0.0
0.0	55°	35.1	31.6	26.3	22.8	17.5	12.3	5.3	0.0	0.0	0.0
0.0	57.5°	45.6	45.6	43.9	42.1	31.6	21.1	10.5	0.0	0.0	0.0
0.0	60°	61.4	61.4	61.4	61.4	45.6	31.6	15.8	0.0	0.0	0.0
0.0	62.5°	75.4	71.9	66.7	63.2	47.4	31.6	15.8	0.0	0.0	0.0
0.0	65°	75.4	68.4	59.6	50.9	38.6	26.3	12.3	0.0	0.0	0.0
0.0	67.5°	70.2	56.1	40.3	26.3	19.3	14.0	7.0	0.0	0.0	0.0
	70°	70.2	49.1	28.1	7.0	5.3	3.5	1.8	0.0	0.0	0.0
	72.5°	70.2	47.4	22.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	77.2	52.6	26.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	77.2	52.6	26.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	68.4	45.6	22.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	22.8	15.8	7.0	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):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8
0.0	2.5°	78.9	78.9	78.9	77.2	77.2	77.2	77.2	75.4	75.4	75.4
0.0	5°	71.9	71.9	70.2	70.2	68.4	68.4	66.7	66.7	64.9	64.9
0.0	7.5°	66.7	64.9	64.9	63.2	61.4	61.4	59.6	59.6	57.9	56.1
0.0	10°	61.4	59.6	59.6	57.9	56.1	54.4	54.4	52.6	50.9	49.1
0.0	12.5°	56.1	54.4	52.6	50.9	49.1	47.4	47.4	45.6	43.9	42.1
0.0	15°	49.1	47.4	45.6	43.9	42.1	40.3	40.3	38.6	36.8	35.1
0.0	17.5°	42.1	40.3	40.3	38.6	36.8	35.1	33.3	29.8	28.1	26.3
0.0	20°	31.6	29.8	28.1	26.3	24.6	21.1	19.3	15.8	12.3	10.5
0.0	22.5°	21.1	17.5	15.8	12.3	8.8	7.0	5.3	1.8	0.0	0.0
0.0	25°	7.0	5.3	3.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA9A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049457

CATALOG NUMBER: GALN-SA9A-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°	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8
0.0	2.5°	73.7	73.7	73.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9
0.0	5°	63.2	63.2	63.2	61.4	61.4	59.6	59.6	59.6	57.9	57.9
0.0	7.5°	54.4	52.6	52.6	50.9	50.9	49.1	49.1	49.1	47.4	47.4
0.0	10°	45.6	43.9	43.9	42.1	42.1	40.3	40.3	38.6	38.6	36.8
0.0	12.5°	40.3	38.6	36.8	35.1	35.1	33.3	31.6	31.6	29.8	28.1
0.0	15°	31.6	29.8	28.1	26.3	24.6	22.8	21.1	21.1	19.3	17.5
0.0	17.5°	21.1	17.5	15.8	14.0	14.0	12.3	10.5	8.8	7.0	5.3
0.0	20°	5.3	3.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049457

CATALOG NUMBER: GALN-SA9A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049457

CATALOG NUMBER: GALN-SA9A-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°	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8
0.0	2.5°	71.9	70.2	70.2	70.2	71.9	71.9	71.9	71.9	71.9	71.9
0.0	5°	57.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
0.0	7.5°	47.4	45.6	45.6	45.6	45.6	43.9	43.9	43.9	43.9	43.9
0.0	10°	36.8	35.1	35.1	35.1	35.1	33.3	33.3	33.3	33.3	33.3
0.0	12.5°	26.3	26.3	24.6	24.6	24.6	22.8	22.8	22.8	22.8	21.1
0.0	15°	15.8	14.0	12.3	12.3	12.3	10.5	10.5	10.5	10.5	8.8
0.0	17.5°	3.5	3.5	1.8	1.8	1.8	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P1049457

CATALOG NUMBER: GALN-SA9A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049457

CATALOG NUMBER: GALN-SA9A-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°	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8
0.0	2.5°	73.7	73.7	75.4	75.4	77.2	80.7	82.5	84.2	87.7	91.2
0.0	5°	57.9	59.6	59.6	61.4	63.2	64.9	66.7	68.4	71.9	75.4
0.0	7.5°	45.6	45.6	47.4	47.4	49.1	52.6	54.4	56.1	59.6	64.9
0.0	10°	35.1	35.1	36.8	36.8	38.6	42.1	43.9	45.6	49.1	54.4
0.0	12.5°	22.8	24.6	24.6	26.3	28.1	31.6	33.3	35.1	38.6	42.1
0.0	15°	10.5	12.3	12.3	14.0	15.8	19.3	21.1	22.8	26.3	31.6
0.0	17.5°	1.8	1.8	3.5	3.5	5.3	7.0	8.8	10.5	15.8	19.3
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	7.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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-SA9A-950-U-RBC

[illegible]

REPORT NUMBER: P1049457

CATALOG NUMBER: GALN-SA9A-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°	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8
0.0	2.5°	96.5	100.0	103.5	107.0	110.5	114.0	115.8	119.3	121.0	122.8
0.0	5°	82.5	86.0	91.2	94.7	98.2	101.8	105.3	107.0	108.8	110.5
0.0	7.5°	71.9	75.4	80.7	84.2	87.7	91.2	94.7	98.2	100.0	101.8
0.0	10°	61.4	66.7	70.2	75.4	78.9	82.5	86.0	89.5	93.0	94.7
0.0	12.5°	49.1	54.4	59.6	63.2	68.4	73.7	77.2	80.7	84.2	87.7
0.0	15°	38.6	43.9	49.1	52.6	57.9	63.2	68.4	71.9	75.4	78.9
0.0	17.5°	28.1	33.3	38.6	42.1	47.4	52.6	56.1	61.4	64.9	68.4
0.0	20°	14.0	19.3	24.6	29.8	35.1	40.3	43.9	49.1	52.6	56.1
0.0	22.5°	1.8	7.0	12.3	15.8	21.1	26.3	29.8	35.1	38.6	42.1
0.0	25°	0.0	1.8	5.3	7.0	8.8	12.3	15.8	19.3	22.8	26.3
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.8	3.5	7.0	10.5	14.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
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	1.8
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.8	3.5
	85°	0.0	0.0	0.0	0.0	0.0	3.5	5.3	8.8	10.5	12.3
	87.5°	0.0	1.8	3.5	5.3	7.0	10.5	14.0	17.5	19.3	21.1
	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: P1049457

CATALOG NUMBER: GALN-SA9A-950-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
101.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.3	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											
1.8											
7.0											
15.8											
22.8											
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REPORT NUMBER: P1049457

CATALOG NUMBER: GALN-SA9A-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°	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8
0.0	2.5°	124.6	124.6	124.6	124.6	122.8	122.8	122.8	121.0	121.0	119.3
0.0	5°	114.0	115.8	115.8	115.8	115.8	115.8	115.8	115.8	114.0	114.0
0.0	7.5°	105.3	107.0	108.8	108.8	110.5	110.5	110.5	108.8	108.8	107.0
0.0	10°	100.0	101.8	101.8	103.5	103.5	103.5	103.5	103.5	103.5	103.5
0.0	12.5°	93.0	94.7	96.5	96.5	98.2	98.2	98.2	98.2	96.5	96.5
0.0	15°	84.2	87.7	89.5	91.2	91.2	93.0	93.0	93.0	93.0	93.0
0.0	17.5°	77.2	80.7	82.5	84.2	84.2	86.0	86.0	87.7	87.7	87.7
0.0	20°	63.2	66.7	68.4	71.9	73.7	75.4	77.2	78.9	78.9	80.7
0.0	22.5°	49.1	52.6	54.4	57.9	59.6	61.4	63.2	64.9	66.7	68.4
0.0	25°	35.1	38.6	40.3	43.9	45.6	47.4	49.1	50.9	50.9	52.6
0.0	27.5°	19.3	22.8	26.3	28.1	31.6	33.3	35.1	36.8	38.6	40.3
0.0	30°	8.8	10.5	12.3	15.8	17.5	19.3	21.1	24.6	26.3	28.1
0.0	32.5°	0.0	0.0	1.8	5.3	7.0	8.8	10.5	12.3	12.3	14.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.8	3.5	5.3	7.0
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°	3.5	3.5	3.5	5.3	5.3	5.3	5.3	5.3	5.3	5.3
	82.5°	8.8	10.5	12.3	12.3	14.0	14.0	14.0	14.0	12.3	12.3
	85°	17.5	19.3	21.1	21.1	22.8	22.8	22.8	22.8	22.8	22.8
	87.5°	24.6	26.3	28.1	28.1	29.8	29.8	29.8	29.8	29.8	29.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049457

CATALOG NUMBER: GALN-SA9A-950-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
101.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
5.3											
12.3											
22.8											
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REPORT NUMBER: P1049457

CATALOG NUMBER: GALN-SA9A-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°	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8
0.0	2.5°	117.5	117.5	115.8	115.8	115.8	115.8	115.8	117.5	119.3	119.3
0.0	5°	112.3	112.3	110.5	110.5	110.5	112.3	112.3	114.0	115.8	117.5
0.0	7.5°	107.0	105.3	105.3	107.0	107.0	108.8	108.8	110.5	112.3	114.0
0.0	10°	103.5	101.8	101.8	101.8	103.5	103.5	105.3	107.0	108.8	110.5
0.0	12.5°	96.5	96.5	96.5	96.5	98.2	98.2	100.0	101.8	105.3	107.0
0.0	15°	93.0	91.2	91.2	91.2	91.2	93.0	93.0	96.5	100.0	101.8
0.0	17.5°	86.0	86.0	84.2	84.2	86.0	86.0	87.7	91.2	94.7	96.5
0.0	20°	78.9	77.2	75.4	75.4	77.2	77.2	78.9	82.5	86.0	87.7
0.0	22.5°	68.4	66.7	66.7	66.7	66.7	68.4	68.4	71.9	77.2	80.7
0.0	25°	54.4	56.1	56.1	57.9	57.9	59.6	61.4	64.9	70.2	73.7
0.0	27.5°	42.1	43.9	43.9	47.4	49.1	50.9	52.6	57.9	63.2	66.7
0.0	30°	31.6	33.3	35.1	36.8	40.3	43.9	47.4	52.6	57.9	61.4
0.0	32.5°	19.3	22.8	24.6	28.1	31.6	35.1	38.6	43.9	50.9	56.1
0.0	35°	14.0	15.8	19.3	21.1	24.6	28.1	31.6	38.6	43.9	50.9
0.0	37.5°	7.0	10.5	14.0	17.5	21.1	24.6	28.1	35.1	42.1	47.4
0.0	40°	5.3	8.8	10.5	14.0	19.3	22.8	26.3	33.3	40.3	47.4
0.0	42.5°	3.5	5.3	7.0	12.3	15.8	21.1	26.3	33.3	40.3	47.4
0.0	45°	3.5	3.5	5.3	10.5	15.8	22.8	28.1	35.1	40.3	47.4
0.0	47.5°	3.5	5.3	7.0	14.0	17.5	22.8	28.1	33.3	40.3	45.6
0.0	50°	5.3	7.0	8.8	15.8	19.3	24.6	28.1	35.1	40.3	47.4
0.0	52.5°	3.5	5.3	7.0	14.0	19.3	26.3	31.6	38.6	45.6	50.9
0.0	55°	1.8	1.8	1.8	10.5	21.1	29.8	40.3	45.6	52.6	57.9
0.0	57.5°	0.0	0.0	0.0	7.0	21.1	33.3	45.6	52.6	59.6	64.9
0.0	60°	0.0	0.0	0.0	7.0	21.1	33.3	45.6	54.4	63.2	71.9
0.0	62.5°	0.0	0.0	0.0	7.0	17.5	28.1	38.6	52.6	68.4	82.5
0.0	65°	0.0	0.0	0.0	5.3	14.0	22.8	31.6	52.6	73.7	93.0
0.0	67.5°	0.0	0.0	0.0	5.3	14.0	21.1	29.8	52.6	73.7	96.5
	70°	0.0	0.0	0.0	5.3	14.0	22.8	31.6	52.6	73.7	94.7
	72.5°	0.0	0.0	0.0	5.3	15.8	24.6	35.1	52.6	70.2	87.7
	75°	0.0	0.0	0.0	7.0	15.8	26.3	36.8	52.6	68.4	82.5
	77.5°	0.0	0.0	0.0	5.3	15.8	24.6	35.1	50.9	66.7	80.7
	80°	5.3	3.5	3.5	8.8	15.8	22.8	29.8	45.6	63.2	78.9
	82.5°	10.5	10.5	8.8	12.3	15.8	21.1	26.3	40.3	56.1	70.2
	85°	21.1	21.1	19.3	21.1	21.1	22.8	24.6	31.6	38.6	45.6
	87.5°	28.1	28.1	26.3	26.3	26.3	24.6	24.6	24.6	24.6	22.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049457

CATALOG NUMBER: GALN-SA9A-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
101.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.8											
105.3											
98.2											
96.5											
94.7											
84.2											
52.6											
22.8											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049457

CATALOG NUMBER: GALN-SA9A-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°	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8
0.0	2.5°	122.8	124.6	124.6	126.3	128.1	129.8	129.8	131.6	131.6	131.6
0.0	5°	121.0	124.6	126.3	128.1	129.8	131.6	133.3	135.1	136.8	136.8
0.0	7.5°	119.3	121.0	124.6	126.3	129.8	131.6	135.1	136.8	138.6	140.3
0.0	10°	115.8	119.3	122.8	126.3	129.8	133.3	136.8	140.3	143.9	145.6
0.0	12.5°	112.3	117.5	121.0	124.6	129.8	135.1	138.6	143.9	147.4	150.9
0.0	15°	110.5	114.0	119.3	122.8	129.8	136.8	142.1	149.1	156.1	161.4
0.0	17.5°	105.3	112.3	117.5	122.8	129.8	138.6	145.6	152.6	163.2	173.7
0.0	20°	98.2	103.5	110.5	115.8	126.3	135.1	145.6	154.4	170.2	186.0
0.0	22.5°	91.2	98.2	103.5	110.5	122.8	133.3	145.6	156.1	182.5	207.0
0.0	25°	84.2	93.0	100.0	107.0	121.0	135.1	149.1	163.2	207.0	250.9
0.0	27.5°	80.7	87.7	96.5	103.5	121.0	140.3	157.9	175.4	245.6	314.0
0.0	30°	75.4	84.2	91.2	100.0	122.8	145.6	168.4	191.2	298.2	405.3
0.0	32.5°	70.2	78.9	87.7	96.5	126.3	156.1	184.2	214.0	354.4	493.0
0.0	35°	64.9	75.4	84.2	93.0	131.6	171.9	210.5	249.1	405.3	559.6
0.0	37.5°	63.2	73.7	82.5	91.2	133.3	173.7	215.8	256.1	410.5	564.9
0.0	40°	64.9	73.7	84.2	93.0	128.1	163.2	196.5	231.6	393.0	552.6
0.0	42.5°	64.9	75.4	86.0	96.5	124.6	152.6	180.7	208.8	387.7	566.7
0.0	45°	63.2	73.7	84.2	94.7	121.0	145.6	171.9	196.5	419.3	640.3
0.0	47.5°	61.4	71.9	82.5	93.0	119.3	145.6	171.9	198.2	542.1	884.2
0.0	50°	61.4	71.9	80.7	89.5	121.0	154.4	186.0	217.5	789.5	1359.6
0.0	52.5°	64.9	73.7	80.7	87.7	124.6	163.2	200.0	236.8	1003.5	1768.4
0.0	55°	70.2	75.4	82.5	87.7	133.3	177.2	222.8	266.7	1068.4	1870.1
0.0	57.5°	77.2	82.5	87.7	93.0	149.1	205.3	259.6	315.8	1073.7	1829.8
0.0	60°	86.0	93.0	98.2	103.5	163.2	224.6	284.2	343.9	971.9	1598.2
0.0	62.5°	105.3	114.0	121.0	129.8	187.7	243.9	301.7	357.9	807.0	1256.1
0.0	65°	121.0	128.1	135.1	142.1	198.2	256.1	312.3	368.4	684.2	1000.0
0.0	67.5°	124.6	131.6	136.8	143.9	201.7	259.6	315.8	373.7	586.0	796.5
	70°	126.3	135.1	145.6	154.4	214.0	273.7	331.6	391.2	519.3	647.4
	72.5°	121.0	138.6	154.4	170.2	226.3	280.7	336.8	391.2	482.4	573.7
	75°	121.0	145.6	168.4	191.2	233.3	273.7	315.8	356.1	426.3	496.5
	77.5°	128.1	159.6	191.2	222.8	247.4	270.2	294.7	317.5	363.1	408.8
	80°	128.1	161.4	193.0	226.3	236.8	249.1	259.6	270.2	275.4	280.7
	82.5°	110.5	136.8	163.2	189.5	177.2	164.9	152.6	140.3	131.6	121.0
	85°	56.1	61.4	64.9	68.4	63.2	57.9	52.6	47.4	43.9	38.6
	87.5°	22.8	22.8	21.1	21.1	21.1	21.1	19.3	19.3	19.3	19.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049457

CATALOG NUMBER: GALN-SA9A-950-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
101.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
187.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
215.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
275.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
373.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
519.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
703.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
878.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
998.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1087.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1177.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1352.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1703.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2596.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3977.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5006.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5120.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4620.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3950.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3087.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2333.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1722.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1219.3											
907.0											
659.6											
496.5											
278.9											
126.3											
36.8											
17.5											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1049457

CATALOG NUMBER: GALN-SA9A-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°	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8
0.0	2.5°	131.6	129.8	129.8	128.1	126.3	124.6	122.8	121.0	119.3	117.5
0.0	5°	136.8	136.8	136.8	135.1	135.1	133.3	133.3	131.6	129.8	128.1
0.0	7.5°	142.1	143.9	143.9	145.6	145.6	145.6	145.6	143.9	143.9	143.9
0.0	10°	150.9	152.6	154.4	156.1	157.9	159.6	159.6	161.4	161.4	161.4
0.0	12.5°	161.4	166.7	170.2	175.4	178.9	184.2	187.7	193.0	196.5	200.0
0.0	15°	177.2	186.0	196.5	205.3	214.0	226.3	240.3	252.6	264.9	284.2
0.0	17.5°	200.0	228.1	256.1	282.4	310.5	371.9	433.3	493.0	554.4	643.8
0.0	20°	243.9	328.1	410.5	494.7	577.2	793.0	1007.0	1222.8	1436.8	1666.6
0.0	22.5°	342.1	549.1	756.1	963.1	1170.1	1621.0	2070.1	2521.0	2970.1	3498.2
0.0	25°	496.5	877.2	1257.9	1636.8	2017.5	2722.7	3429.7	4135.0	4840.2	5526.2
0.0	27.5°	722.8	1305.2	1887.7	2468.4	3050.8	4006.9	4964.8	5920.9	6877.0	7652.4
0.0	30°	1001.7	1791.2	2580.6	3370.1	4159.5	5247.2	6334.9	7420.9	8508.6	9355.9
0.0	32.5°	1264.9	2231.5	3198.2	4163.1	5129.7	6368.3	7608.6	8847.2	10085.7	11012.0
0.0	35°	1436.8	2605.2	3775.3	4943.7	6112.1	7452.5	8792.8	10131.3	11471.7	12529.5
0.0	37.5°	1608.7	2957.8	4305.2	5654.3	7001.6	8473.5	9945.4	11417.3	12889.2	14196.2
0.0	40°	1801.7	3384.1	4964.8	6547.2	8127.9	9871.7	11613.8	13357.6	15099.6	16943.5
0.0	42.5°	2136.8	4091.1	6047.2	8001.6	9955.9	12262.9	14569.8	16875.0	19182.0	21813.5
0.0	45°	2766.6	5520.9	8277.0	11031.3	13785.6	16841.7	19899.5	22955.6	26011.7	29513.3
0.0	47.5°	4308.7	8098.1	11885.7	15675.1	19462.7	22762.6	26060.8	29360.7	32658.9	36146.5
0.0	50°	6592.8	11003.2	15413.7	19822.3	24232.8	27218.6	30202.8	33188.7	36172.8	39490.3
0.0	52.5°	8245.4	12840.0	17436.4	22031.1	26625.7	29320.3	32016.8	34711.4	37406.1	40506.0
0.0	55°	8370.0	12938.3	17508.4	22076.7	26645.0	29351.9	32058.9	34765.8	37472.8	40758.7
0.0	57.5°	7410.3	11941.8	16471.5	21003.0	25532.7	28615.1	31695.7	34778.1	37858.7	41411.3
0.0	60°	6303.4	10836.6	15368.1	19901.3	24432.7	27983.5	31536.1	35086.9	38637.7	41965.7
0.0	62.5°	4917.4	9580.5	14245.3	18908.3	23571.4	27176.5	30781.7	34385.1	37990.3	40486.7
0.0	65°	3664.8	8192.8	12720.7	17247.0	21774.9	24662.6	27550.2	30436.1	33323.8	34869.3
0.0	67.5°	2649.1	6554.2	10457.6	14362.8	18266.2	20332.8	22399.5	24464.3	26530.9	27713.4
	70°	1791.2	4496.4	7199.8	9905.0	12608.5	14306.7	16006.6	17704.8	19403.0	20999.5
	72.5°	1240.3	2759.6	4280.6	5799.9	7319.1	9027.9	10734.8	12443.6	14150.5	15840.0
	75°	822.8	1514.0	2207.0	2898.2	3589.4	4854.3	6120.9	7385.8	8650.7	9657.7
	77.5°	584.2	791.2	1000.0	1207.0	1414.0	1650.8	1889.4	2126.3	2363.1	2722.7
	80°	277.2	303.5	329.8	354.4	380.7	466.7	552.6	638.6	724.5	815.8
	82.5°	131.6	142.1	152.6	161.4	171.9	180.7	189.5	198.2	207.0	198.2
	85°	35.1	35.1	36.8	36.8	36.8	36.8	36.8	36.8	36.8	35.1
	87.5°	15.8	15.8	15.8	15.8	15.8	15.8	15.8	14.0	14.0	12.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049457

CATALOG NUMBER: GALN-SA9A-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
101.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
201.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
305.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
731.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1898.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4026.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6212.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8427.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10205.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11940.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13587.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15504.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18787.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24445.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33015.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39634.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42807.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43606.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44046.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44963.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45291.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42984.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36416.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28897.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22594.2											
17529.4											
10664.7											
3082.4											
907.0											
187.7											
33.3											
12.3											
0.0											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA9A-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8
0.0	2.5°	114.0	112.3	110.5	108.8	107.0	103.5	103.5	101.8	101.8
0.0	5°	124.6	122.8	121.0	119.3	119.3	117.5	115.8	115.8	114.0
0.0	7.5°	142.1	140.3	138.6	136.8	136.8	135.1	135.1	133.3	133.3
0.0	10°	163.2	163.2	163.2	163.2	163.2	161.4	161.4	161.4	159.6
0.0	12.5°	205.3	207.0	210.5	214.0	219.3	219.3	219.3	217.5	217.5
0.0	15°	324.6	343.9	357.9	371.9	384.2	412.3	408.8	403.5	400.0
0.0	17.5°	821.0	908.8	956.1	1001.7	1049.1	1178.9	1157.9	1136.8	1117.5
0.0	20°	2128.0	2357.8	2510.5	2663.1	2817.5	3061.3	3001.7	2942.0	2882.4
0.0	22.5°	4552.5	5080.6	5310.4	5540.2	5768.3	6063.0	5871.8	5680.6	5491.1
0.0	25°	6896.3	7582.3	7970.0	8357.7	8743.6	8912.1	8662.9	8412.1	8163.0
0.0	27.5°	9203.3	9978.7	10320.8	10661.1	11003.2	11355.9	11047.1	10736.6	10427.8
0.0	30°	11052.4	11899.7	12269.9	12638.3	13008.5	13254.1	12934.8	12613.7	12294.4
0.0	32.5°	12866.4	13792.7	14197.9	14603.2	15006.7	15359.3	14966.3	14571.6	14178.6
0.0	35°	14643.5	15701.4	16259.3	16817.1	17375.0	17703.1	17236.4	16768.0	16301.4
0.0	37.5°	16811.9	18118.9	18743.4	19368.0	19992.5	20590.7	20076.7	19560.9	19046.9
0.0	40°	20631.1	22474.9	23432.8	24392.4	25350.3	26122.2	25473.1	24824.0	24174.9
0.0	42.5°	27076.5	29708.1	31085.2	32460.6	33837.8	35043.0	34360.6	33678.1	32995.7
0.0	45°	36516.7	40018.3	41697.2	43374.4	45053.3	45934.0	44951.6	43967.4	42984.9
0.0	47.5°	43120.0	46607.7	48102.4	49597.1	51091.8	52097.0	50895.3	49693.5	48493.6
0.0	50°	46123.5	49440.9	50940.9	52439.1	53939.1	54737.3	53349.6	51960.2	50572.5
0.0	52.5°	46704.1	49804.1	51593.5	53384.7	55174.1	56240.8	54602.2	52961.9	51323.3
0.0	55°	47332.2	50618.1	52693.5	54770.6	56846.0	58323.2	56470.6	54616.2	52763.6
0.0	57.5°	48514.6	52067.2	54137.3	56205.7	58275.8	59530.2	57672.3	55812.7	53954.8
0.0	60°	48619.9	51946.1	53725.0	55505.7	57284.6	58074.0	56296.9	54518.0	52740.8
0.0	62.5°	45481.4	47977.8	49212.9	50447.9	51683.0	52540.8	50686.5	48830.4	46976.1
0.0	65°	37962.2	39507.8	40492.0	41476.2	42460.4	43483.2	41785.0	40086.8	38388.6
0.0	67.5°	30080.0	31262.4	32558.9	33855.3	35151.8	36244.7	34885.1	33523.8	32164.1
	70°	24190.6	25785.3	27243.2	28701.1	30158.9	31053.6	29688.8	28322.1	26957.2
	72.5°	19218.8	20908.3	22125.8	23341.5	24559.1	24778.4	23774.9	22771.4	21769.7
	75°	11669.9	12676.9	12701.4	12724.3	12748.8	12957.6	12126.0	11294.5	10464.7
	77.5°	3442.0	3801.7	4098.1	4392.9	4689.4	5047.2	4742.0	4435.0	4129.7
	80°	996.5	1087.7	1164.9	1240.3	1317.5	1271.9	1200.0	1128.0	1056.1
	82.5°	178.9	168.4	166.7	164.9	164.9	156.1	142.1	128.1	114.0
	85°	31.6	29.8	28.1	26.3	24.6	22.8	19.3	17.5	14.0
	87.5°	10.5	8.8	7.0	5.3	5.3	1.8	1.8	1.8	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA9A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049457

CATALOG NUMBER: GALN-SA9A-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°	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8
0.0	0.0	2.5°	100.0	98.2	98.2	98.2	98.2	96.5	96.5	96.5	96.5
0.0	0.0	5°	110.5	110.5	108.8	108.8	107.0	107.0	105.3	105.3	103.5
0.0	0.0	7.5°	129.8	128.1	126.3	124.6	122.8	119.3	117.5	115.8	115.8
0.0	0.0	10°	156.1	152.6	150.9	147.4	145.6	142.1	138.6	135.1	131.6
0.0	0.0	12.5°	205.3	198.2	193.0	186.0	178.9	173.7	166.7	161.4	154.4
0.0	0.0	15°	356.1	338.6	319.3	296.5	271.9	249.1	224.6	210.5	194.7
0.0	0.0	17.5°	910.5	819.3	726.3	650.9	575.4	501.7	426.3	371.9	317.5
0.0	0.0	20°	2317.5	2064.9	1812.2	1563.1	1312.2	1063.1	812.3	685.9	559.6
0.0	0.0	22.5°	4361.3	3892.9	3422.7	2968.3	2512.2	2057.8	1603.5	1317.5	1033.3
0.0	0.0	25°	6731.4	6142.0	5552.5	4805.1	4056.0	3308.7	2561.3	2096.4	1631.5
0.0	0.0	27.5°	8759.4	8080.5	7401.6	6492.8	5584.1	4675.3	3766.6	3073.6	2382.4
0.0	0.0	30°	10515.5	9785.7	9055.9	7998.1	6940.2	5882.3	4824.4	3957.8	3091.2
0.0	0.0	32.5°	12038.3	11164.6	10291.0	9199.8	8108.6	7017.4	5926.2	4863.0	3799.9
0.0	0.0	35°	13794.4	12775.1	11754.1	10543.6	9331.4	8120.9	6910.4	5710.4	4508.7
0.0	0.0	37.5°	16025.9	14775.1	13522.5	12173.4	10824.3	9477.0	8127.9	6756.0	5384.1
0.0	0.0	40°	20297.8	18683.8	17069.8	15355.8	13640.0	11926.0	10212.0	8527.9	6843.7
0.0	0.0	42.5°	27952.0	25771.3	23590.7	21310.0	19027.6	16747.0	14464.6	12089.2	9712.0
0.0	0.0	45°	36590.3	33885.2	31178.2	28618.6	26057.3	23497.7	20938.1	17678.5	14419.0
0.0	0.0	47.5°	41448.1	38527.1	35606.2	33183.4	30760.7	28337.9	25915.2	22401.2	18887.3
0.0	0.0	50°	43235.8	40262.2	37288.6	35058.8	32827.3	30597.5	28366.0	24846.8	21325.8
0.0	0.0	52.5°	43616.5	40583.2	37550.0	35306.2	33062.4	30820.3	28576.5	25080.1	21583.7
0.0	0.0	55°	44398.9	41144.6	37888.6	35330.7	32772.9	30215.1	27657.2	24104.7	20552.1
0.0	0.0	57.5°	45421.7	42085.0	38748.2	35834.2	32920.3	30008.1	27094.1	23210.0	19325.9
0.0	0.0	60°	45153.3	42249.9	39344.7	36223.7	33101.0	29980.0	26857.3	22585.4	18311.8
0.0	0.0	62.5°	40493.8	38181.5	35867.6	33301.0	30732.6	28166.0	25599.4	21201.2	16803.1
0.0	0.0	65°	33313.2	31625.6	29937.9	27873.0	25806.4	23741.5	21676.7	17732.9	13790.9
0.0	0.0	67.5°	26999.4	25097.6	23194.2	21548.6	19901.3	18255.7	16608.4	13504.9	10401.5
		70°	21450.4	19382.0	17311.9	15704.9	14096.2	12489.2	10882.2	8819.1	6757.7
		72.5°	17034.7	15169.8	13304.9	11590.9	9875.2	8161.2	6445.5	5226.2	4006.9
		75°	8141.9	7396.3	6650.7	5754.2	4857.8	3961.3	3064.8	2533.3	2003.5
		77.5°	3017.5	2615.7	2212.2	1847.3	1482.4	1119.3	754.4	691.2	628.1
		80°	780.7	680.7	578.9	507.0	433.3	361.4	289.5	261.4	235.1
		82.5°	89.5	82.5	77.2	73.7	68.4	64.9	59.6	54.4	49.1
		85°	5.3	3.5	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-SA9A-950-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	101.8	101.8
0.0	0.0	2.5°	94.7	93.0
0.0	0.0	5°	100.0	98.2
0.0	0.0	7.5°	110.5	107.0
0.0	0.0	10°	121.0	117.5
0.0	0.0	12.5°	136.8	131.6
0.0	0.0	15°	154.4	143.9
0.0	0.0	17.5°	184.2	161.4
0.0	0.0	20°	249.1	191.2
0.0	0.0	22.5°	350.9	238.6
0.0	0.0	25°	515.8	329.8
0.0	0.0	27.5°	717.5	438.6
0.0	0.0	30°	954.4	549.1
0.0	0.0	32.5°	1163.1	654.4
0.0	0.0	35°	1435.1	761.4
0.0	0.0	37.5°	1770.1	898.2
0.0	0.0	40°	2289.4	1105.2
0.0	0.0	42.5°	3224.5	1487.7
0.0	0.0	45°	5236.7	2571.9
0.0	0.0	47.5°	8057.7	4254.3
0.0	0.0	50°	9857.7	5429.7
0.0	0.0	52.5°	10005.0	5420.9
0.0	0.0	55°	9133.1	4819.2
0.0	0.0	57.5°	7792.8	4028.0
0.0	0.0	60°	6477.0	3185.9
0.0	0.0	62.5°	5103.4	2199.9
0.0	0.0	65°	3729.7	1556.1
0.0	0.0	67.5°	2678.9	1163.1
		70°	1761.4	891.2
		72.5°	1147.3	726.3
		75°	771.9	601.7
		77.5°	450.9	400.0
		80°	159.6	140.3
		82.5°	29.8	21.1
		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: P1049457

CATALOG NUMBER: GALN-SA9A-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

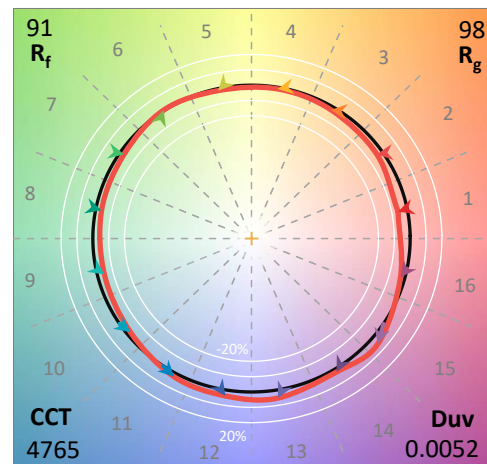
Test Information

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

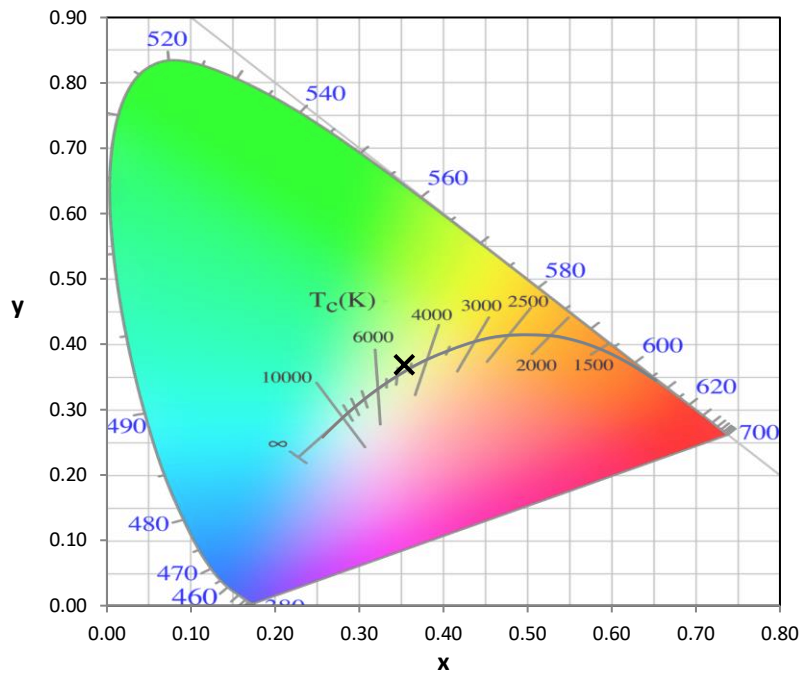
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-17

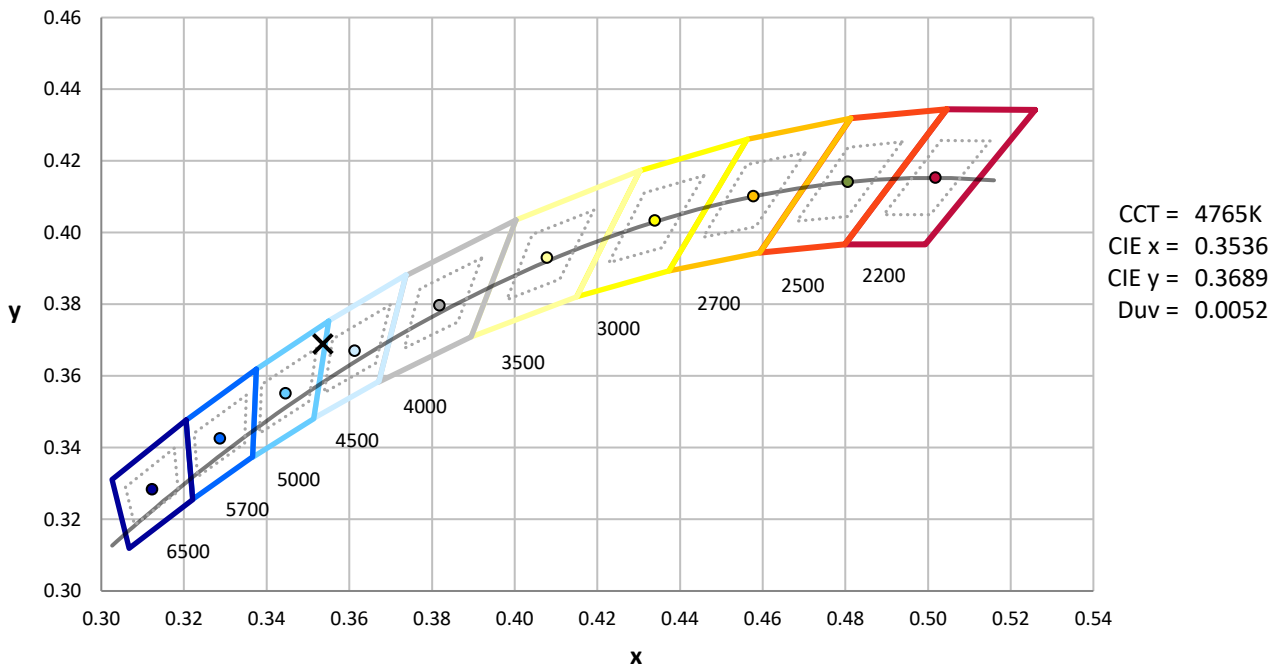
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



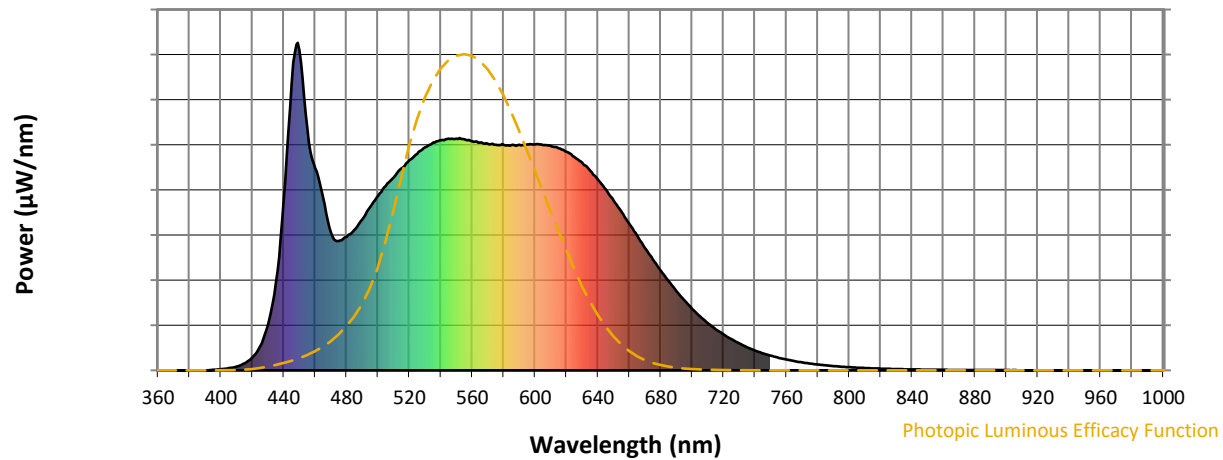
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-17

Photopic Flux vs. Wavelength

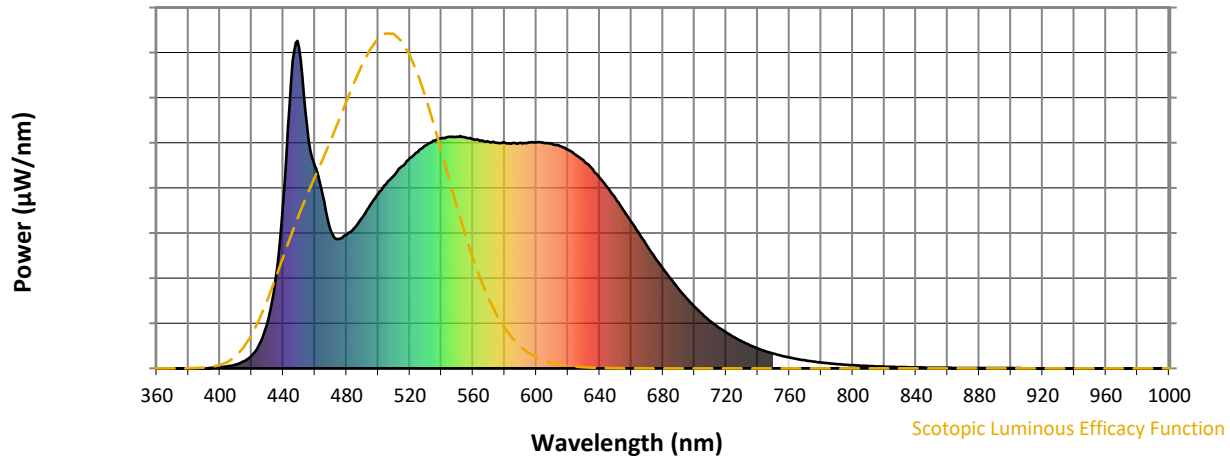


Photopic Lumens: NR

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



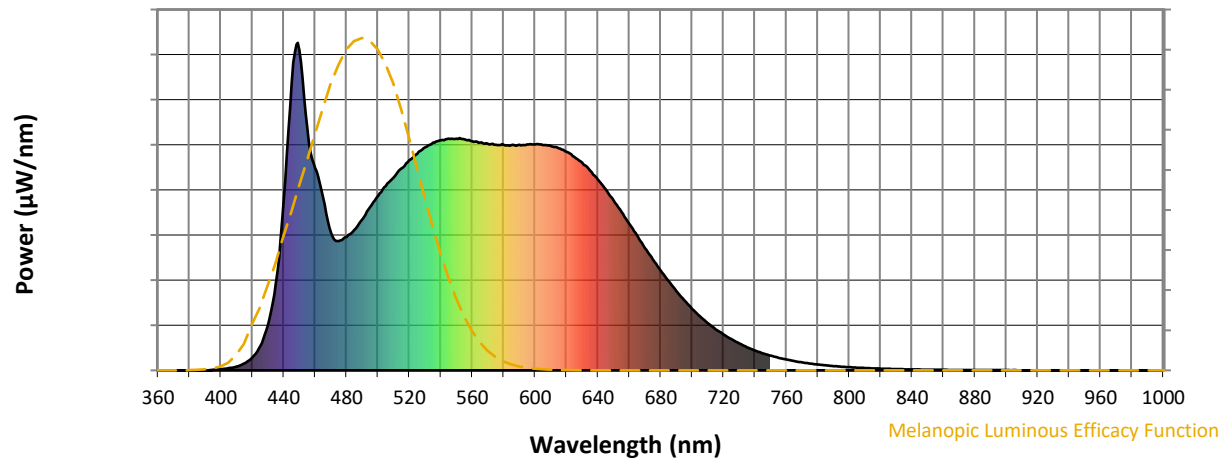
Scotopic Lumens: NR

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

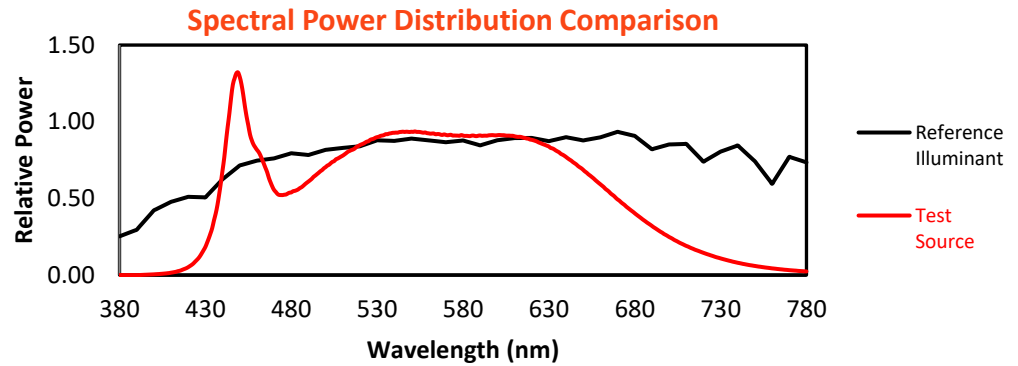
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	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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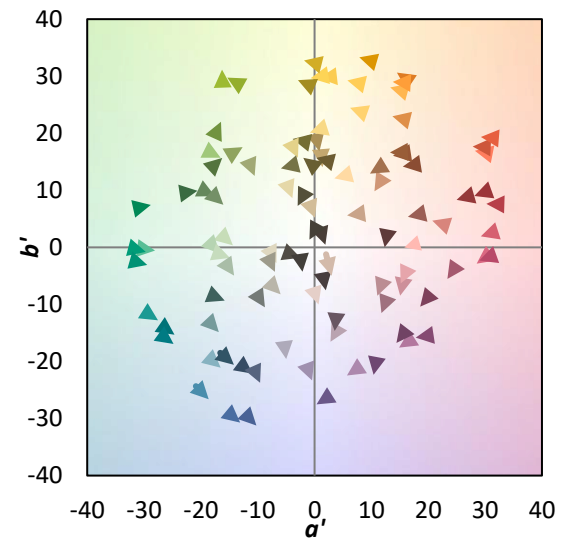
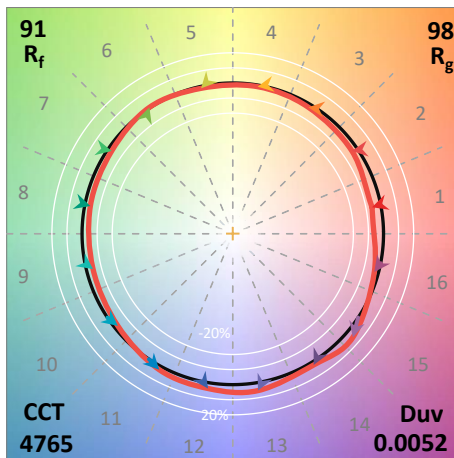
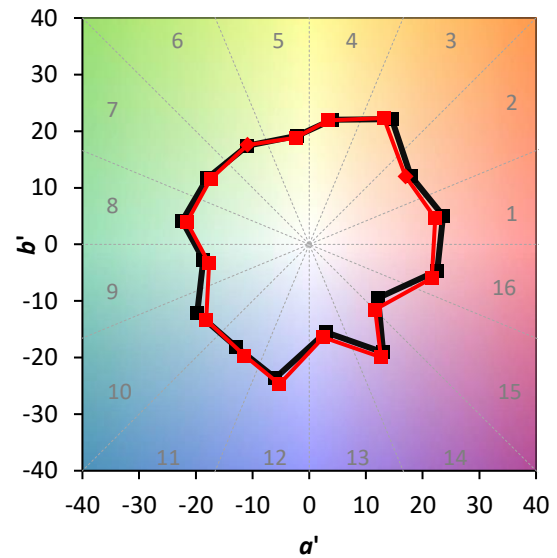
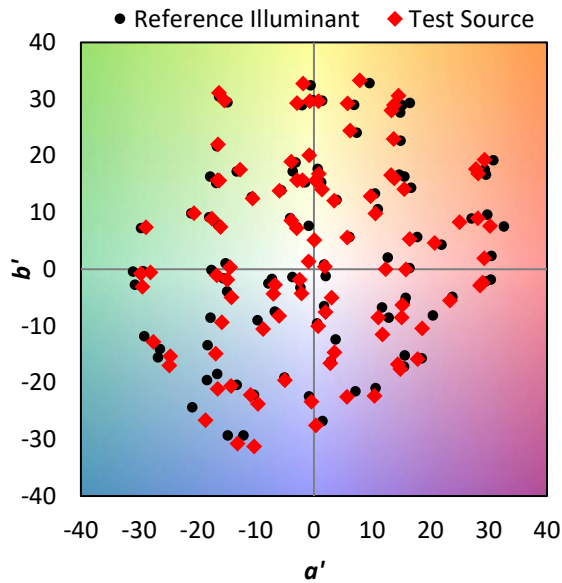
TM-30-18

Summary

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

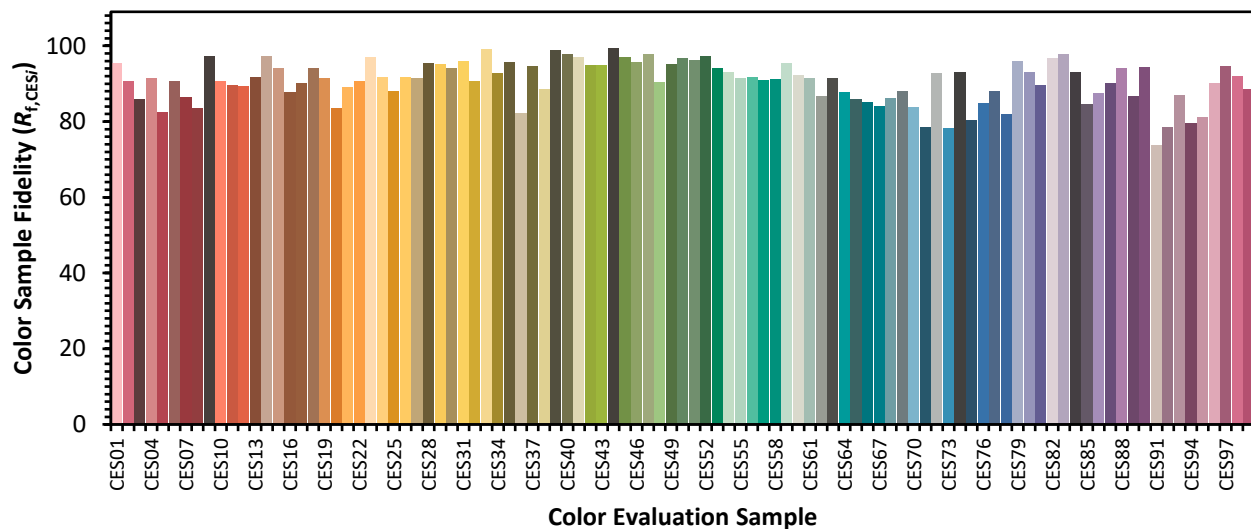


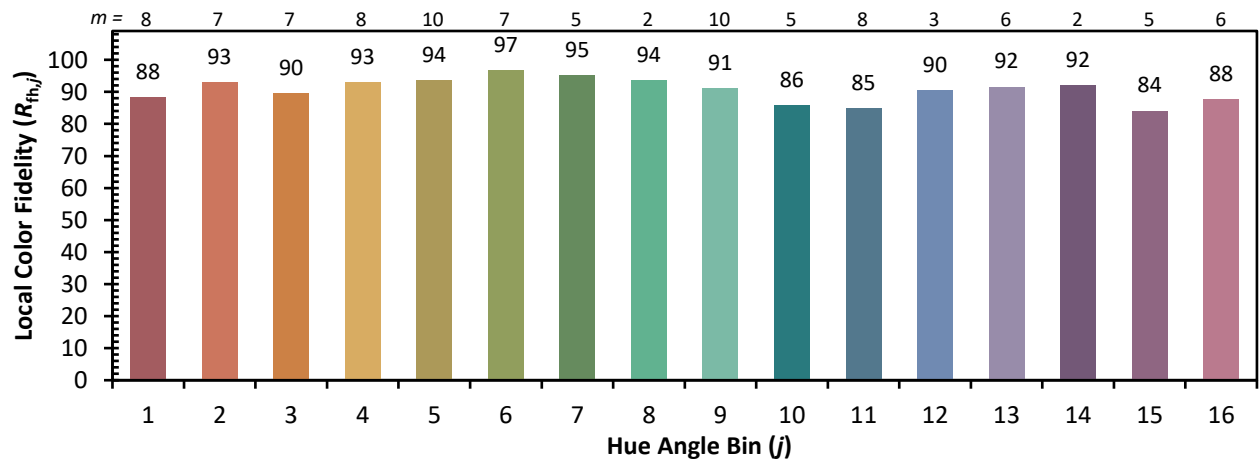
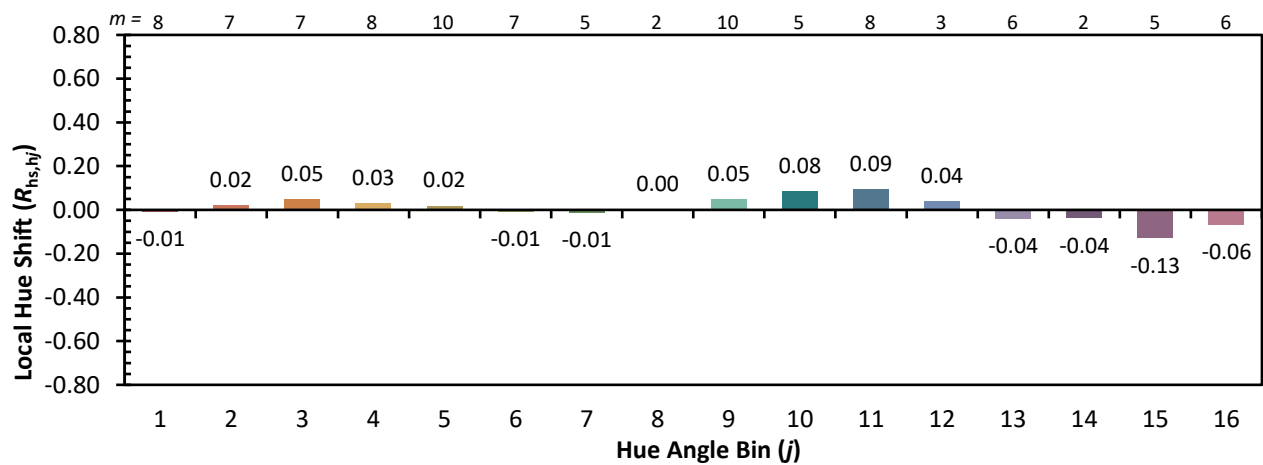
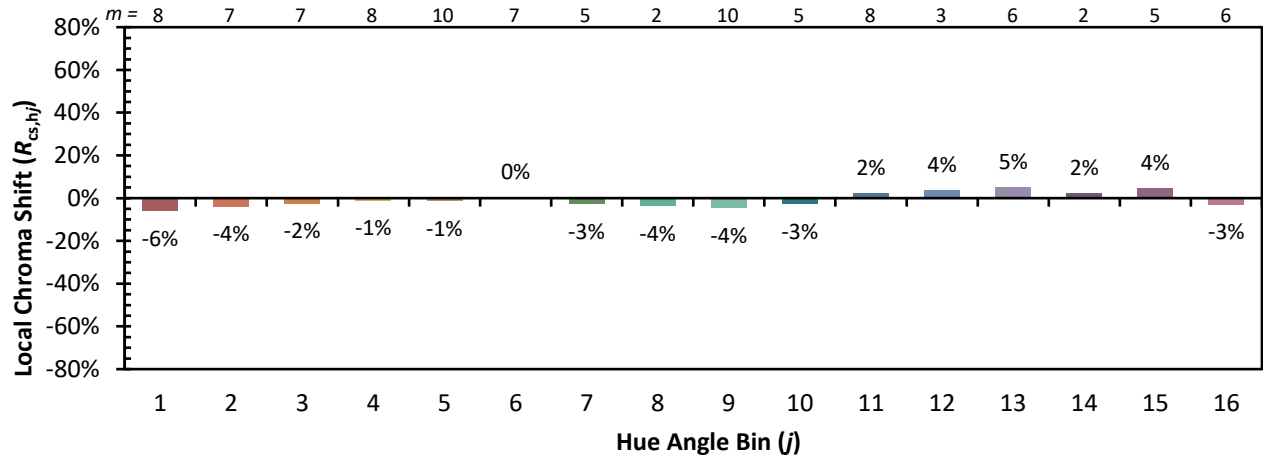
Color Vector Graphics



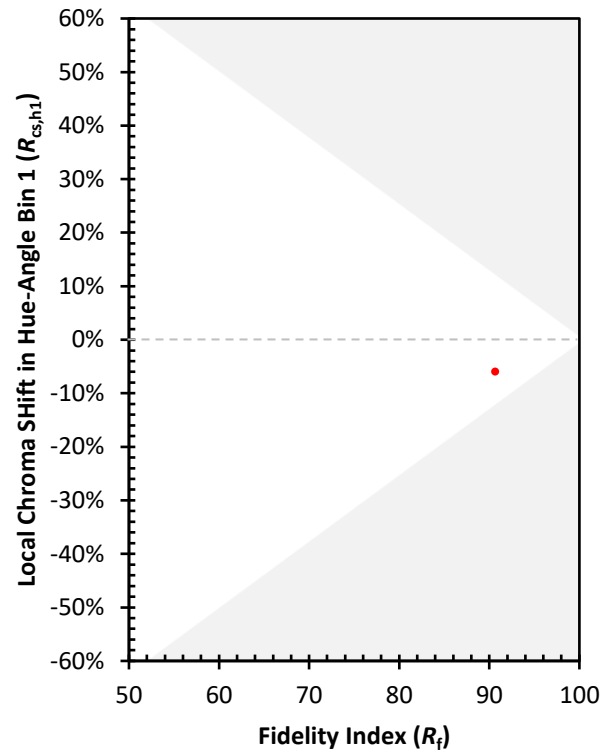
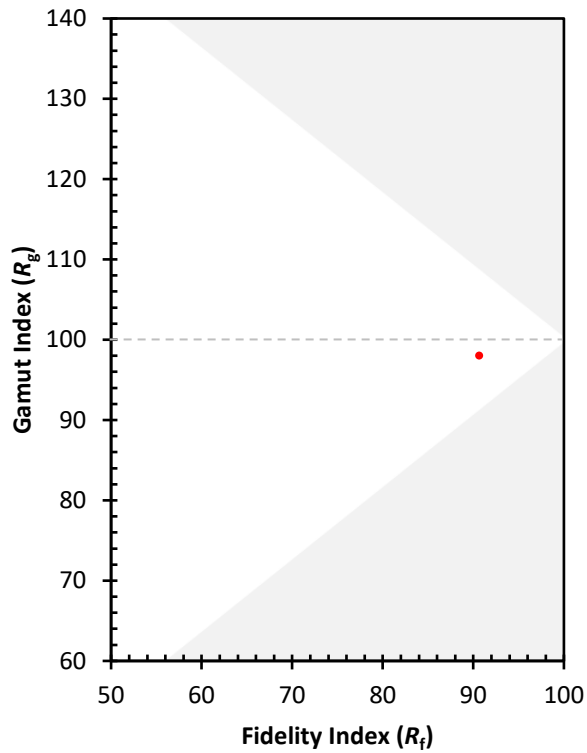
Individual Sample Fidelity Index ($R_{f,i}$)

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)