

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: P1049438

Luminaire Tested: **GALN-SA4B-950-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049438
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4B-950-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
90CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

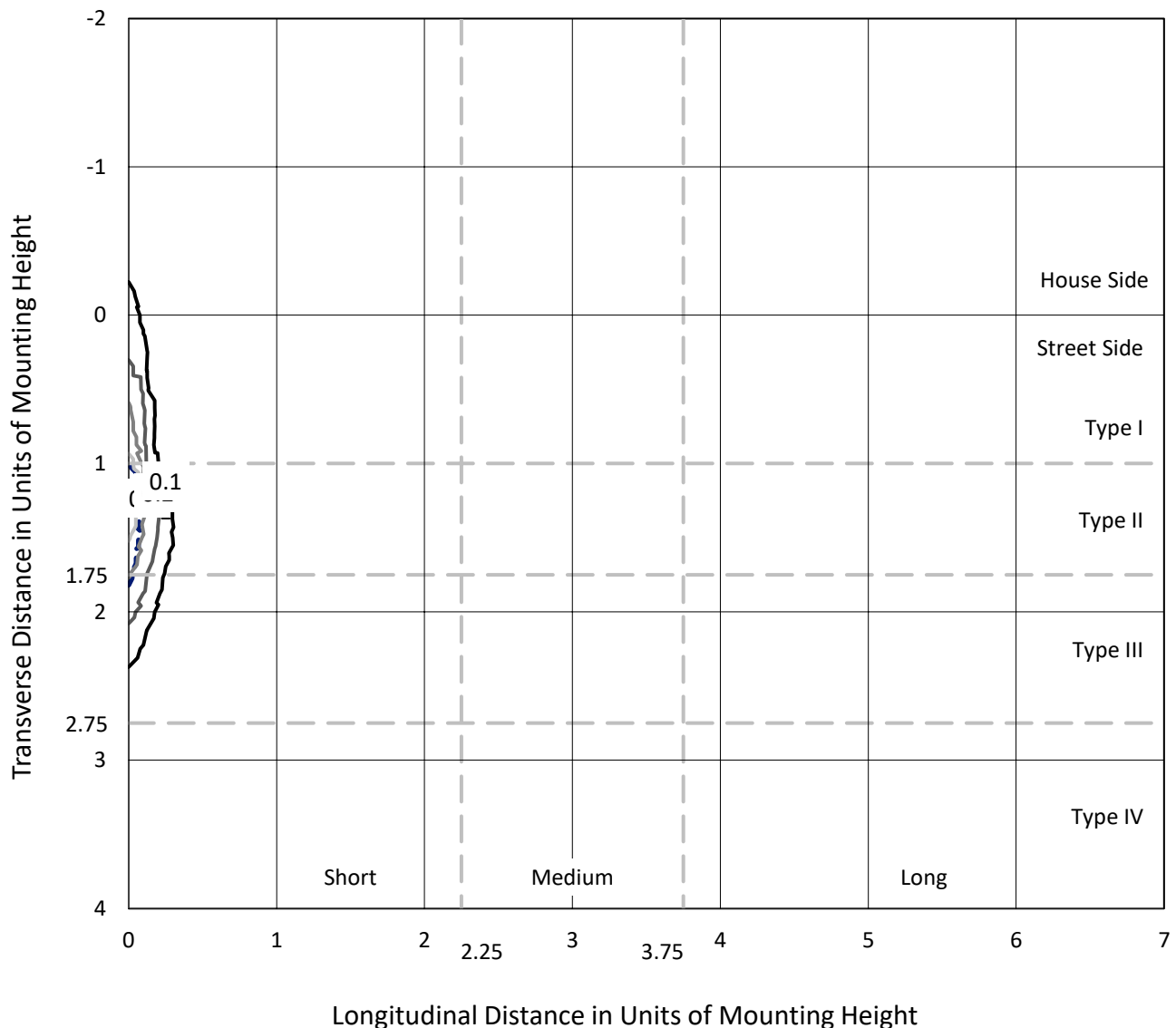
Lumens per Lamp: N/A
Luminaire Lumens: 12997.8 lumens
Efficiency: N/A
Efficacy: 90.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 144.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

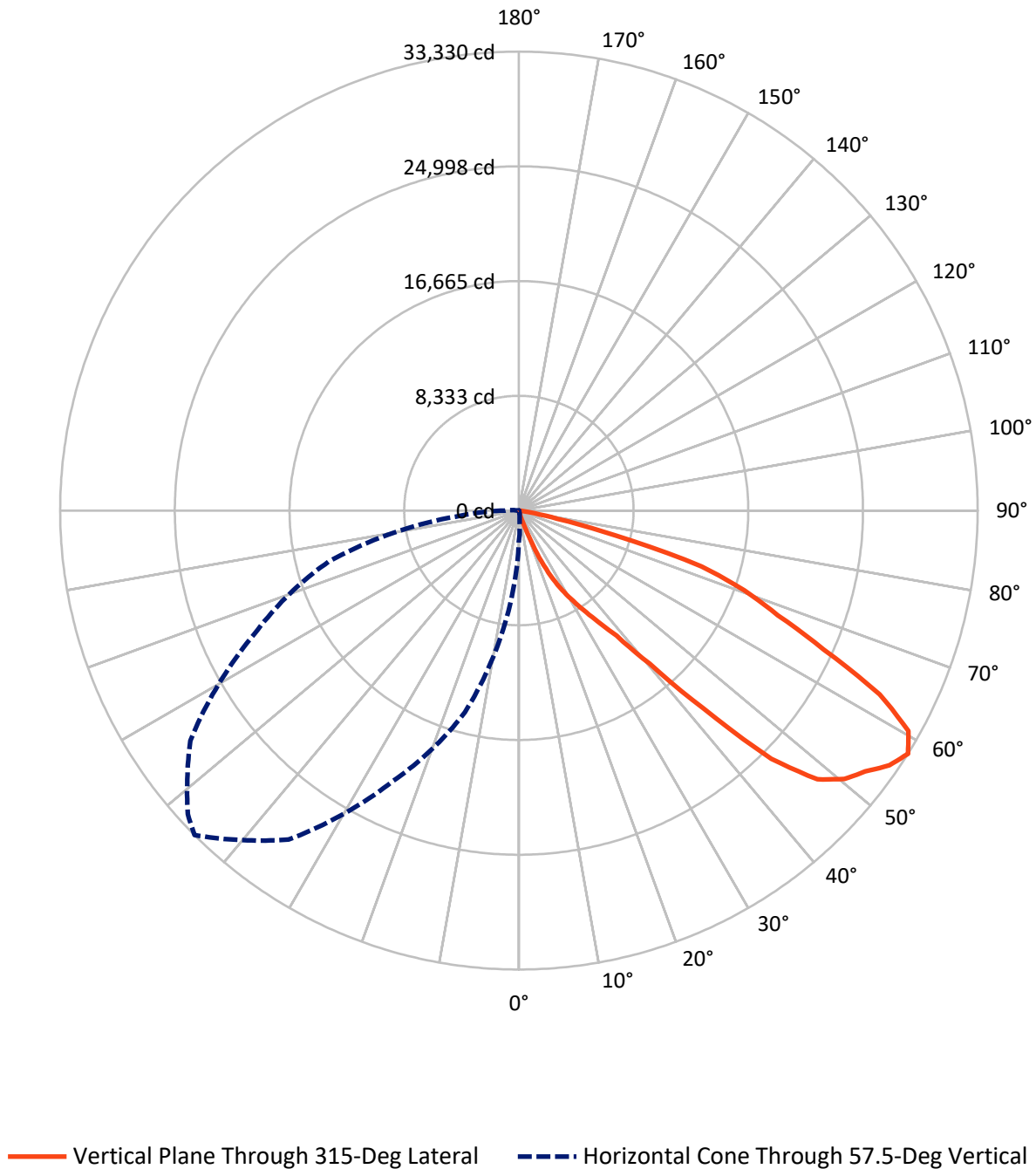
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	65.1	0.0	65.1
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	12932.7	0.0	12932.7
	% Fixture	99.5	0.0	99.5
Total	Lumens	12997.8	0.0	12997.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.1	0.0
10°-20°	28.6	0.2
20°-30°	308.0	2.4
30°-40°	910.9	7.0
40°-50°	2714.7	20.9
50°-60°	4304.6	33.1
60°-70°	3593.3	27.6
70°-80°	1108.0	8.5
80°-90°	24.6	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°	12997.8	100.0
0°-180°	12997.8	100.0



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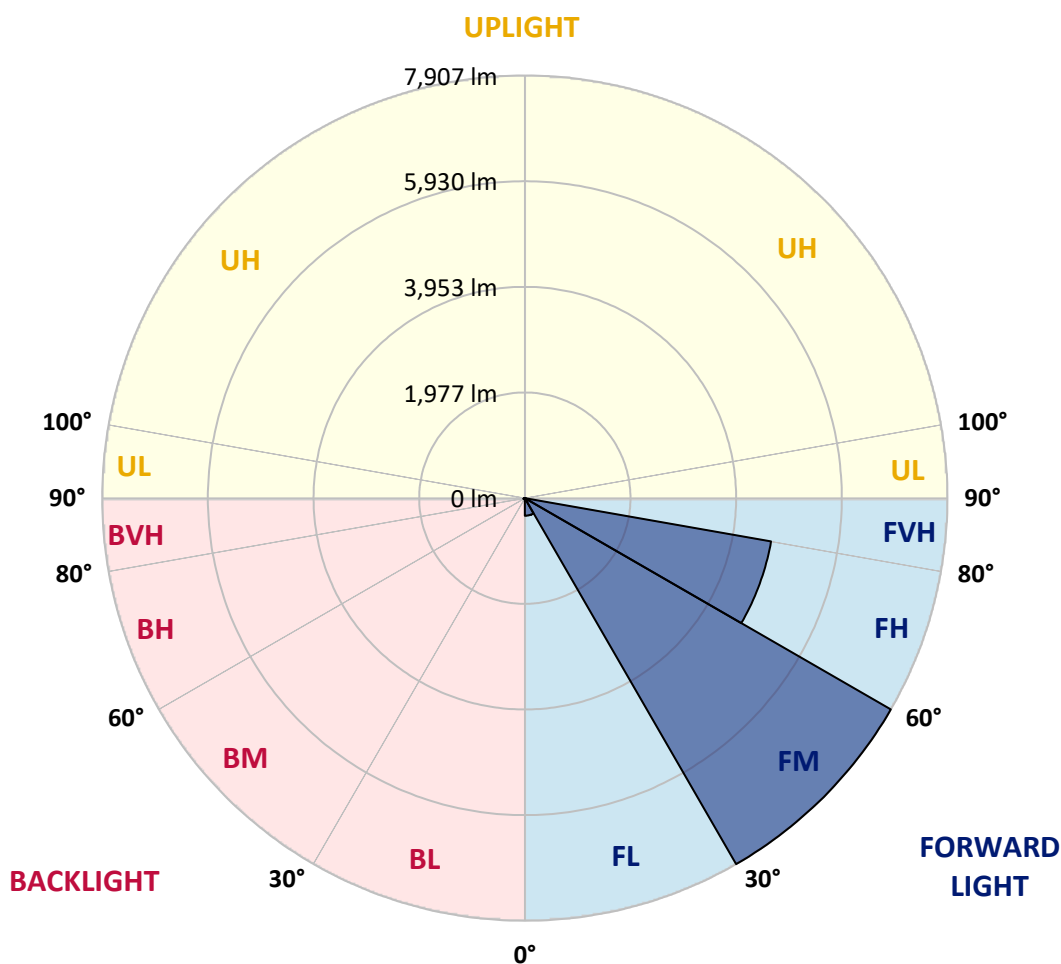
CATALOG NUMBER: GALN-SA4B-950-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	329.7	2.5			
FM	(30°-60°)	7906.9	60.8			
FH	(60°-80°)	4677.0	36.0			G2/5000
FVH	(80°-90°)	19.0	0.1			G1/100
BL	(0°-30°)	12.0	0.1	B0/110		
BM	(30°-60°)	23.3	0.2	B0/220		
BH	(60°-80°)	24.3	0.2	B0/110		G0/110
BVH	(80°-90°)	5.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
2.5°	52.1	52.1	52.1	52.1	51.1	51.1	50.1	50.1	49.1	49.1
5°	55.0	55.0	54.0	53.0	53.0	52.1	51.1	50.1	50.1	49.1
7.5°	59.9	58.9	58.0	57.0	55.0	54.0	52.1	51.1	50.1	48.1
10°	65.8	63.8	61.9	59.9	58.0	56.0	54.0	53.0	51.1	50.1
12.5°	73.7	70.7	66.8	63.8	61.9	58.9	57.0	55.0	52.1	50.1
15°	80.5	76.6	71.7	67.8	64.8	60.9	58.0	55.0	53.0	50.1
17.5°	90.4	83.5	75.6	70.7	66.8	61.9	57.0	54.0	51.1	47.1
20°	107.1	93.3	78.6	72.7	66.8	60.9	55.0	51.1	48.1	44.2
22.5°	133.6	110.0	86.4	77.6	69.7	60.9	53.0	49.1	45.2	41.3
25°	184.7	142.4	100.2	88.4	76.6	64.8	53.0	48.1	44.2	39.3
27.5°	245.6	182.7	118.9	102.2	86.4	69.7	53.0	47.1	42.2	36.3
30°	307.4	223.9	139.5	117.9	96.3	74.6	53.0	46.2	40.3	33.4
32.5°	366.4	262.3	157.2	131.6	106.1	79.6	54.0	46.2	38.3	30.4
35°	426.3	293.7	160.1	133.6	107.1	79.6	53.0	44.2	36.3	27.5
37.5°	502.9	329.0	154.2	127.7	102.2	75.6	50.1	42.2	34.4	25.5
40°	618.8	388.0	157.2	129.7	102.2	74.6	47.1	39.3	32.4	24.6
42.5°	832.9	501.9	169.9	138.5	107.1	74.6	43.2	36.3	30.4	23.6
45°	1440.0	833.9	227.9	180.7	133.6	86.4	39.3	33.4	28.5	22.6
47.5°	2381.9	1395.8	409.6	316.3	223.9	130.6	38.3	33.4	28.5	22.6
50°	3040.0	1777.8	515.7	396.8	278.0	159.1	40.3	34.4	29.5	23.6
52.5°	3035.1	1805.3	574.6	441.0	308.4	174.8	42.2	36.3	31.4	25.5
55°	2698.2	1642.3	585.4	449.9	315.3	179.7	45.2	39.3	33.4	27.5
57.5°	2255.2	1394.8	534.3	413.5	293.7	172.9	52.1	45.2	39.3	32.4
60°	1783.7	1100.1	416.5	329.0	242.6	155.2	68.8	59.9	52.1	43.2
62.5°	1231.7	797.6	363.4	291.7	221.0	149.3	78.6	69.7	61.9	53.0
65°	871.2	600.1	328.1	267.2	207.3	146.4	85.5	75.6	66.8	57.0
67.5°	651.2	477.4	302.5	250.5	198.4	146.4	94.3	82.5	71.7	59.9
70°	499.0	391.9	283.9	241.6	200.4	158.1	115.9	99.2	83.5	66.8
72.5°	406.6	334.9	262.3	231.8	201.4	170.9	140.5	118.9	97.2	74.6
75°	336.9	286.8	236.7	211.2	186.6	161.1	135.5	115.9	97.2	77.6
77.5°	223.9	204.3	183.7	168.9	154.2	138.5	123.8	107.1	91.3	74.6
80°	78.6	75.6	72.7	78.6	84.5	90.4	96.3	84.5	73.7	61.9
82.5°	11.8	10.8	9.8	10.8	11.8	12.8	13.8	14.7	15.7	16.7
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):

25°		0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
57.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.1											
53.0											
58.0											
58.0											
51.1											
17.7											
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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°	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
0.0	2.5°	48.1	48.1	47.1	47.1	47.1	46.2	46.2	45.2	45.2	45.2
0.0	5°	47.1	47.1	46.2	45.2	44.2	44.2	43.2	42.2	42.2	41.3
0.0	7.5°	46.2	45.2	44.2	43.2	42.2	41.3	40.3	39.3	39.3	38.3
0.0	10°	47.1	45.2	44.2	42.2	41.3	40.3	38.3	37.3	36.3	36.3
0.0	12.5°	45.2	44.2	42.2	40.3	39.3	37.3	36.3	34.4	33.4	33.4
0.0	15°	45.2	43.2	40.3	38.3	36.3	35.4	33.4	31.4	30.4	29.5
0.0	17.5°	42.2	40.3	37.3	35.4	33.4	31.4	29.5	27.5	26.5	25.5
0.0	20°	38.3	36.3	33.4	30.4	28.5	26.5	24.6	22.6	21.6	20.6
0.0	22.5°	34.4	32.4	29.5	26.5	24.6	22.6	19.6	17.7	16.7	14.7
0.0	25°	32.4	29.5	26.5	23.6	20.6	18.7	15.7	12.8	10.8	8.8
0.0	27.5°	27.5	24.6	21.6	18.7	15.7	12.8	9.8	6.9	4.9	3.9
0.0	30°	23.6	20.6	17.7	14.7	10.8	7.9	4.9	1.0	1.0	1.0
0.0	32.5°	19.6	16.7	12.8	9.8	7.9	4.9	2.9	0.0	0.0	0.0
0.0	35°	15.7	12.8	8.8	5.9	4.9	2.9	2.0	0.0	0.0	0.0
0.0	37.5°	13.8	10.8	6.9	2.9	2.0	2.0	1.0	0.0	0.0	0.0
0.0	40°	12.8	8.8	4.9	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.0	42.5°	12.8	8.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	12.8	8.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	12.8	8.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	13.8	9.8	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	15.7	11.8	7.9	3.9	2.9	2.0	1.0	0.0	0.0	0.0
0.0	55°	19.6	17.7	14.7	12.8	9.8	6.9	2.9	0.0	0.0	0.0
0.0	57.5°	25.5	25.5	24.6	23.6	17.7	11.8	5.9	0.0	0.0	0.0
0.0	60°	34.4	34.4	34.4	34.4	25.5	17.7	8.8	0.0	0.0	0.0
0.0	62.5°	42.2	40.3	37.3	35.4	26.5	17.7	8.8	0.0	0.0	0.0
0.0	65°	42.2	38.3	33.4	28.5	21.6	14.7	6.9	0.0	0.0	0.0
0.0	67.5°	39.3	31.4	22.6	14.7	10.8	7.9	3.9	0.0	0.0	0.0
	70°	39.3	27.5	15.7	3.9	2.9	2.0	1.0	0.0	0.0	0.0
	72.5°	39.3	26.5	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	43.2	29.5	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	43.2	29.5	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	38.3	25.5	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	12.8	8.8	3.9	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: P1049438

CATALOG NUMBER: GALN-SA4B-950-U-RBC

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°	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
0.0	2.5°	44.2	44.2	44.2	43.2	43.2	43.2	43.2	42.2	42.2	42.2
0.0	5°	40.3	40.3	39.3	39.3	38.3	38.3	37.3	37.3	36.3	36.3
0.0	7.5°	37.3	36.3	36.3	35.4	34.4	34.4	33.4	33.4	32.4	31.4
0.0	10°	34.4	33.4	33.4	32.4	31.4	30.4	30.4	29.5	28.5	27.5
0.0	12.5°	31.4	30.4	29.5	28.5	27.5	26.5	26.5	25.5	24.6	23.6
0.0	15°	27.5	26.5	25.5	24.6	23.6	22.6	22.6	21.6	20.6	19.6
0.0	17.5°	23.6	22.6	22.6	21.6	20.6	19.6	18.7	16.7	15.7	14.7
0.0	20°	17.7	16.7	15.7	14.7	13.8	11.8	10.8	8.8	6.9	5.9
0.0	22.5°	11.8	9.8	8.8	6.9	4.9	3.9	2.9	1.0	0.0	0.0
0.0	25°	3.9	2.9	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049438

CATALOG NUMBER: GALN-SA4B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049438

CATALOG NUMBER: GALN-SA4B-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°	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
0.0	2.5°	41.3	41.3	41.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
0.0	5°	35.4	35.4	35.4	34.4	34.4	33.4	33.4	33.4	32.4	32.4
0.0	7.5°	30.4	29.5	29.5	28.5	28.5	27.5	27.5	27.5	26.5	26.5
0.0	10°	25.5	24.6	24.6	23.6	23.6	22.6	22.6	21.6	21.6	20.6
0.0	12.5°	22.6	21.6	20.6	19.6	19.6	18.7	17.7	17.7	16.7	15.7
0.0	15°	17.7	16.7	15.7	14.7	13.8	12.8	11.8	11.8	10.8	9.8
0.0	17.5°	11.8	9.8	8.8	7.9	7.9	6.9	5.9	4.9	3.9	2.9
0.0	20°	2.9	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049438

CATALOG NUMBER: GALN-SA4B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049438

CATALOG NUMBER: GALN-SA4B-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°	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
0.0	2.5°	40.3	39.3	39.3	39.3	40.3	40.3	40.3	40.3	40.3	40.3
0.0	5°	32.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
0.0	7.5°	26.5	25.5	25.5	25.5	25.5	24.6	24.6	24.6	24.6	24.6
0.0	10°	20.6	19.6	19.6	19.6	19.6	18.7	18.7	18.7	18.7	18.7
0.0	12.5°	14.7	14.7	13.8	13.8	13.8	12.8	12.8	12.8	12.8	11.8
0.0	15°	8.8	7.9	6.9	6.9	6.9	5.9	5.9	5.9	5.9	4.9
0.0	17.5°	2.0	2.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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-SA4B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049438

CATALOG NUMBER: GALN-SA4B-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°	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
0.0	2.5°	41.3	41.3	42.2	42.2	43.2	45.2	46.2	47.1	49.1	51.1
0.0	5°	32.4	33.4	33.4	34.4	35.4	36.3	37.3	38.3	40.3	42.2
0.0	7.5°	25.5	25.5	26.5	26.5	27.5	29.5	30.4	31.4	33.4	36.3
0.0	10°	19.6	19.6	20.6	20.6	21.6	23.6	24.6	25.5	27.5	30.4
0.0	12.5°	12.8	13.8	13.8	14.7	15.7	17.7	18.7	19.6	21.6	23.6
0.0	15°	5.9	6.9	6.9	7.9	8.8	10.8	11.8	12.8	14.7	17.7
0.0	17.5°	1.0	1.0	2.0	2.0	2.9	3.9	4.9	5.9	8.8	10.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.9
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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

CATALOG NUMBER: GALN-SA4B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049438

CATALOG NUMBER: GALN-SA4B-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°	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
0.0	2.5°	54.0	56.0	58.0	59.9	61.9	63.8	64.8	66.8	67.8	68.8
0.0	5°	46.2	48.1	51.1	53.0	55.0	57.0	58.9	59.9	60.9	61.9
0.0	7.5°	40.3	42.2	45.2	47.1	49.1	51.1	53.0	55.0	56.0	57.0
0.0	10°	34.4	37.3	39.3	42.2	44.2	46.2	48.1	50.1	52.1	53.0
0.0	12.5°	27.5	30.4	33.4	35.4	38.3	41.3	43.2	45.2	47.1	49.1
0.0	15°	21.6	24.6	27.5	29.5	32.4	35.4	38.3	40.3	42.2	44.2
0.0	17.5°	15.7	18.7	21.6	23.6	26.5	29.5	31.4	34.4	36.3	38.3
0.0	20°	7.9	10.8	13.8	16.7	19.6	22.6	24.6	27.5	29.5	31.4
0.0	22.5°	1.0	3.9	6.9	8.8	11.8	14.7	16.7	19.6	21.6	23.6
0.0	25°	0.0	1.0	2.9	3.9	4.9	6.9	8.8	10.8	12.8	14.7
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.0	2.0	3.9	5.9	7.9
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
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	1.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	2.0
	85°	0.0	0.0	0.0	0.0	0.0	2.0	2.9	4.9	5.9	6.9
	87.5°	0.0	1.0	2.0	2.9	3.9	5.9	7.9	9.8	10.8	11.8
	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: P1049438

CATALOG NUMBER: GALN-SA4B-950-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
57.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.0											
3.9											
8.8											
12.8											
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0.0											

REPORT NUMBER: P1049438

CATALOG NUMBER: GALN-SA4B-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°	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
0.0	2.5°	69.7	69.7	69.7	69.7	68.8	68.8	68.8	67.8	67.8	66.8
0.0	5°	63.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	63.8	63.8
0.0	7.5°	58.9	59.9	60.9	60.9	61.9	61.9	61.9	60.9	60.9	59.9
0.0	10°	56.0	57.0	57.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
0.0	12.5°	52.1	53.0	54.0	54.0	55.0	55.0	55.0	55.0	54.0	54.0
0.0	15°	47.1	49.1	50.1	51.1	51.1	52.1	52.1	52.1	52.1	52.1
0.0	17.5°	43.2	45.2	46.2	47.1	47.1	48.1	48.1	49.1	49.1	49.1
0.0	20°	35.4	37.3	38.3	40.3	41.3	42.2	43.2	44.2	44.2	45.2
0.0	22.5°	27.5	29.5	30.4	32.4	33.4	34.4	35.4	36.3	37.3	38.3
0.0	25°	19.6	21.6	22.6	24.6	25.5	26.5	27.5	28.5	28.5	29.5
0.0	27.5°	10.8	12.8	14.7	15.7	17.7	18.7	19.6	20.6	21.6	22.6
0.0	30°	4.9	5.9	6.9	8.8	9.8	10.8	11.8	13.8	14.7	15.7
0.0	32.5°	0.0	0.0	1.0	2.9	3.9	4.9	5.9	6.9	6.9	7.9
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	2.9	3.9
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°	2.0	2.0	2.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	82.5°	4.9	5.9	6.9	6.9	7.9	7.9	7.9	7.9	6.9	6.9
	85°	9.8	10.8	11.8	11.8	12.8	12.8	12.8	12.8	12.8	12.8
	87.5°	13.8	14.7	15.7	15.7	16.7	16.7	16.7	16.7	16.7	16.7
	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: P1049438

CATALOG NUMBER: GALN-SA4B-950-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
57.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
2.9											
6.9											
12.8											
16.7											
0.0											
0.0											
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REPORT NUMBER: P1049438

CATALOG NUMBER: GALN-SA4B-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°	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
0.0	2.5°	65.8	65.8	64.8	64.8	64.8	64.8	64.8	65.8	66.8	66.8
0.0	5°	62.9	62.9	61.9	61.9	61.9	62.9	62.9	63.8	64.8	65.8
0.0	7.5°	59.9	58.9	58.9	59.9	59.9	60.9	60.9	61.9	62.9	63.8
0.0	10°	58.0	57.0	57.0	57.0	58.0	58.0	58.9	59.9	60.9	61.9
0.0	12.5°	54.0	54.0	54.0	54.0	55.0	55.0	56.0	57.0	58.9	59.9
0.0	15°	52.1	51.1	51.1	51.1	51.1	52.1	52.1	54.0	56.0	57.0
0.0	17.5°	48.1	48.1	47.1	47.1	48.1	48.1	49.1	51.1	53.0	54.0
0.0	20°	44.2	43.2	42.2	42.2	43.2	43.2	44.2	46.2	48.1	49.1
0.0	22.5°	38.3	37.3	37.3	37.3	37.3	38.3	38.3	40.3	43.2	45.2
0.0	25°	30.4	31.4	31.4	32.4	32.4	33.4	34.4	36.3	39.3	41.3
0.0	27.5°	23.6	24.6	24.6	26.5	27.5	28.5	29.5	32.4	35.4	37.3
0.0	30°	17.7	18.7	19.6	20.6	22.6	24.6	26.5	29.5	32.4	34.4
0.0	32.5°	10.8	12.8	13.8	15.7	17.7	19.6	21.6	24.6	28.5	31.4
0.0	35°	7.9	8.8	10.8	11.8	13.8	15.7	17.7	21.6	24.6	28.5
0.0	37.5°	3.9	5.9	7.9	9.8	11.8	13.8	15.7	19.6	23.6	26.5
0.0	40°	2.9	4.9	5.9	7.9	10.8	12.8	14.7	18.7	22.6	26.5
0.0	42.5°	2.0	2.9	3.9	6.9	8.8	11.8	14.7	18.7	22.6	26.5
0.0	45°	2.0	2.0	2.9	5.9	8.8	12.8	15.7	19.6	22.6	26.5
0.0	47.5°	2.0	2.9	3.9	7.9	9.8	12.8	15.7	18.7	22.6	25.5
0.0	50°	2.9	3.9	4.9	8.8	10.8	13.8	15.7	19.6	22.6	26.5
0.0	52.5°	2.0	2.9	3.9	7.9	10.8	14.7	17.7	21.6	25.5	28.5
0.0	55°	1.0	1.0	1.0	5.9	11.8	16.7	22.6	25.5	29.5	32.4
0.0	57.5°	0.0	0.0	0.0	3.9	11.8	18.7	25.5	29.5	33.4	36.3
0.0	60°	0.0	0.0	0.0	3.9	11.8	18.7	25.5	30.4	35.4	40.3
0.0	62.5°	0.0	0.0	0.0	3.9	9.8	15.7	21.6	29.5	38.3	46.2
0.0	65°	0.0	0.0	0.0	2.9	7.9	12.8	17.7	29.5	41.3	52.1
0.0	67.5°	0.0	0.0	0.0	2.9	7.9	11.8	16.7	29.5	41.3	54.0
	70°	0.0	0.0	0.0	2.9	7.9	12.8	17.7	29.5	41.3	53.0
	72.5°	0.0	0.0	0.0	2.9	8.8	13.8	19.6	29.5	39.3	49.1
	75°	0.0	0.0	0.0	3.9	8.8	14.7	20.6	29.5	38.3	46.2
	77.5°	0.0	0.0	0.0	2.9	8.8	13.8	19.6	28.5	37.3	45.2
	80°	2.9	2.0	2.0	4.9	8.8	12.8	16.7	25.5	35.4	44.2
	82.5°	5.9	5.9	4.9	6.9	8.8	11.8	14.7	22.6	31.4	39.3
	85°	11.8	11.8	10.8	11.8	11.8	12.8	13.8	17.7	21.6	25.5
	87.5°	15.7	15.7	14.7	14.7	14.7	13.8	13.8	13.8	13.8	12.8
	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: P1049438

CATALOG NUMBER: GALN-SA4B-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
57.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.8											
58.9											
55.0											
54.0											
53.0											
47.1											
29.5											
12.8											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049438

CATALOG NUMBER: GALN-SA4B-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°	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
0.0	2.5°	68.8	69.7	69.7	70.7	71.7	72.7	72.7	73.7	73.7	73.7
0.0	5°	67.8	69.7	70.7	71.7	72.7	73.7	74.6	75.6	76.6	76.6
0.0	7.5°	66.8	67.8	69.7	70.7	72.7	73.7	75.6	76.6	77.6	78.6
0.0	10°	64.8	66.8	68.8	70.7	72.7	74.6	76.6	78.6	80.5	81.5
0.0	12.5°	62.9	65.8	67.8	69.7	72.7	75.6	77.6	80.5	82.5	84.5
0.0	15°	61.9	63.8	66.8	68.8	72.7	76.6	79.6	83.5	87.4	90.4
0.0	17.5°	58.9	62.9	65.8	68.8	72.7	77.6	81.5	85.5	91.3	97.2
0.0	20°	55.0	58.0	61.9	64.8	70.7	75.6	81.5	86.4	95.3	104.1
0.0	22.5°	51.1	55.0	58.0	61.9	68.8	74.6	81.5	87.4	102.2	115.9
0.0	25°	47.1	52.1	56.0	59.9	67.8	75.6	83.5	91.3	115.9	140.5
0.0	27.5°	45.2	49.1	54.0	58.0	67.8	78.6	88.4	98.2	137.5	175.8
0.0	30°	42.2	47.1	51.1	56.0	68.8	81.5	94.3	107.1	167.0	226.9
0.0	32.5°	39.3	44.2	49.1	54.0	70.7	87.4	103.1	119.8	198.4	276.0
0.0	35°	36.3	42.2	47.1	52.1	73.7	96.3	117.9	139.5	226.9	313.3
0.0	37.5°	35.4	41.3	46.2	51.1	74.6	97.2	120.8	143.4	229.8	316.3
0.0	40°	36.3	41.3	47.1	52.1	71.7	91.3	110.0	129.7	220.0	309.4
0.0	42.5°	36.3	42.2	48.1	54.0	69.7	85.5	101.2	116.9	217.1	317.3
0.0	45°	35.4	41.3	47.1	53.0	67.8	81.5	96.3	110.0	234.8	358.5
0.0	47.5°	34.4	40.3	46.2	52.1	66.8	81.5	96.3	111.0	303.5	495.0
0.0	50°	34.4	40.3	45.2	50.1	67.8	86.4	104.1	121.8	442.0	761.2
0.0	52.5°	36.3	41.3	45.2	49.1	69.7	91.3	112.0	132.6	561.8	990.1
0.0	55°	39.3	42.2	46.2	49.1	74.6	99.2	124.7	149.3	598.2	1047.1
0.0	57.5°	43.2	46.2	49.1	52.1	83.5	114.9	145.4	176.8	601.1	1024.5
0.0	60°	48.1	52.1	55.0	58.0	91.3	125.7	159.1	192.5	544.2	894.8
0.0	62.5°	58.9	63.8	67.8	72.7	105.1	136.5	168.9	200.4	451.8	703.3
0.0	65°	67.8	71.7	75.6	79.6	111.0	143.4	174.8	206.3	383.1	559.9
0.0	67.5°	69.7	73.7	76.6	80.5	113.0	145.4	176.8	209.2	328.1	445.9
	70°	70.7	75.6	81.5	86.4	119.8	153.2	185.6	219.0	290.7	362.4
	72.5°	67.8	77.6	86.4	95.3	126.7	157.2	188.6	219.0	270.1	321.2
	75°	67.8	81.5	94.3	107.1	130.6	153.2	176.8	199.4	238.7	278.0
	77.5°	71.7	89.4	107.1	124.7	138.5	151.3	165.0	177.8	203.3	228.9
	80°	71.7	90.4	108.0	126.7	132.6	139.5	145.4	151.3	154.2	157.2
	82.5°	61.9	76.6	91.3	106.1	99.2	92.3	85.5	78.6	73.7	67.8
	85°	31.4	34.4	36.3	38.3	35.4	32.4	29.5	26.5	24.6	21.6
	87.5°	12.8	12.8	11.8	11.8	11.8	11.8	10.8	10.8	10.8	10.8
	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: P1049438

CATALOG NUMBER: GALN-SA4B-950-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
57.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
209.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
393.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
492.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
558.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
609.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
659.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
757.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
953.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1453.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2226.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2803.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2867.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2587.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2212.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1728.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1306.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
964.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
682.7											
507.8											
369.3											
278.0											
156.2											
70.7											
20.6											
9.8											
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REPORT NUMBER: P1049438

CATALOG NUMBER: GALN-SA4B-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°	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
0.0	2.5°	73.7	72.7	72.7	71.7	70.7	69.7	68.8	67.8	66.8	65.8
0.0	5°	76.6	76.6	76.6	75.6	75.6	74.6	74.6	73.7	72.7	71.7
0.0	7.5°	79.6	80.5	80.5	81.5	81.5	81.5	81.5	80.5	80.5	80.5
0.0	10°	84.5	85.5	86.4	87.4	88.4	89.4	89.4	90.4	90.4	90.4
0.0	12.5°	90.4	93.3	95.3	98.2	100.2	103.1	105.1	108.0	110.0	112.0
0.0	15°	99.2	104.1	110.0	114.9	119.8	126.7	134.6	141.4	148.3	159.1
0.0	17.5°	112.0	127.7	143.4	158.1	173.9	208.2	242.6	276.0	310.4	360.5
0.0	20°	136.5	183.7	229.8	277.0	323.2	444.0	563.8	684.6	804.4	933.1
0.0	22.5°	191.5	307.4	423.3	539.2	655.1	907.6	1159.0	1411.5	1662.9	1958.6
0.0	25°	278.0	491.1	704.3	916.4	1129.6	1524.4	1920.3	2315.1	2710.0	3094.0
0.0	27.5°	404.7	730.8	1056.9	1382.0	1708.1	2243.4	2779.7	3315.0	3850.4	4284.5
0.0	30°	560.9	1002.9	1444.9	1886.9	2328.9	2937.9	3546.8	4154.8	4763.8	5238.2
0.0	32.5°	708.2	1249.4	1790.6	2330.8	2872.0	3565.5	4259.9	4953.4	5646.9	6165.5
0.0	35°	804.4	1458.6	2113.8	2767.9	3422.1	4172.5	4923.0	5672.4	6422.8	7015.1
0.0	37.5°	900.7	1656.0	2410.4	3165.7	3920.1	4744.2	5568.3	6392.4	7216.5	7948.2
0.0	40°	1008.8	1894.7	2779.7	3665.7	4550.7	5527.0	6502.4	7478.7	8454.1	9486.4
0.0	42.5°	1196.4	2290.6	3385.8	4480.0	5574.2	6865.8	8157.4	9448.1	10739.7	12213.1
0.0	45°	1549.0	3091.1	4634.2	6176.3	7718.4	9429.4	11141.5	12852.5	14563.6	16524.1
0.0	47.5°	2412.4	4534.0	6654.6	8776.3	10896.9	12744.5	14591.1	16438.6	18285.2	20237.9
0.0	50°	3691.2	6160.6	8629.9	11098.2	13567.6	15239.3	16910.1	18581.9	20252.7	22110.1
0.0	52.5°	4616.5	7189.0	9762.4	12334.9	14907.3	16416.1	17925.8	19434.5	20943.2	22678.8
0.0	55°	4686.2	7244.0	9802.7	12360.4	14918.2	16433.7	17949.3	19464.9	20980.5	22820.2
0.0	57.5°	4149.0	6686.1	9222.2	11759.3	14295.4	16021.2	17746.0	19471.8	21196.6	23185.6
0.0	60°	3529.2	6067.3	8604.4	11142.4	13679.6	15667.6	17656.6	19644.7	21632.7	23496.0
0.0	62.5°	2753.2	5364.0	7975.7	10586.5	13197.3	15215.8	17234.3	19251.8	21270.3	22668.0
0.0	65°	2051.9	4587.0	7122.2	9656.3	12191.5	13808.2	15425.0	17040.8	18657.5	19522.9
0.0	67.5°	1483.2	3669.6	5855.1	8041.5	10227.0	11384.1	12541.1	13697.2	14854.3	15516.3
	70°	1002.9	2517.5	4031.1	5545.7	7059.3	8010.1	8961.9	9912.7	10863.5	11757.3
	72.5°	694.4	1545.1	2396.6	3247.3	4097.9	5054.6	6010.3	6967.0	7922.7	8868.6
	75°	460.7	847.7	1235.6	1622.6	2009.6	2717.8	3427.0	4135.2	4843.4	5407.2
	77.5°	327.1	443.0	559.9	675.8	791.7	924.3	1057.9	1190.5	1323.1	1524.4
	80°	155.2	169.9	184.7	198.4	213.1	261.3	309.4	357.5	405.7	456.7
	82.5°	73.7	79.6	85.5	90.4	96.3	101.2	106.1	111.0	115.9	111.0
	85°	19.6	19.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	19.6
	87.5°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	7.9	7.9	6.9
	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: P1049438

CATALOG NUMBER: GALN-SA4B-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
57.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
409.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1062.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2254.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3478.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4718.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5713.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6685.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7607.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8681.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10518.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13686.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18484.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22190.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23967.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24414.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24660.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25174.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25358.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24066.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20389.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16179.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12650.2											
9814.5											
5971.0											
1725.8											
507.8											
105.1											
18.7											
6.9											
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CATALOG NUMBER: GALN-SA4B-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
0.0	2.5°	63.8	62.9	61.9	60.9	59.9	58.0	58.0	57.0	57.0
0.0	5°	69.7	68.8	67.8	66.8	66.8	65.8	64.8	64.8	63.8
0.0	7.5°	79.6	78.6	77.6	76.6	76.6	75.6	75.6	74.6	74.6
0.0	10°	91.3	91.3	91.3	91.3	91.3	90.4	90.4	90.4	89.4
0.0	12.5°	114.9	115.9	117.9	119.8	122.8	122.8	122.8	121.8	121.8
0.0	15°	181.7	192.5	200.4	208.2	215.1	230.8	228.9	225.9	223.9
0.0	17.5°	459.7	508.8	535.3	560.9	587.4	660.1	648.3	636.5	625.7
0.0	20°	1191.4	1320.1	1405.6	1491.0	1577.5	1714.0	1680.6	1647.2	1613.8
0.0	22.5°	2548.9	2844.5	2973.2	3101.9	3229.6	3394.6	3287.5	3180.5	3074.4
0.0	25°	3861.2	4245.2	4462.3	4679.4	4895.4	4989.7	4850.3	4709.8	4570.3
0.0	27.5°	5152.8	5586.9	5778.5	5969.0	6160.6	6358.0	6185.1	6011.3	5838.4
0.0	30°	6188.1	6662.5	6869.7	7076.0	7283.3	7420.8	7242.0	7062.3	6883.5
0.0	32.5°	7203.7	7722.3	7949.2	8176.1	8402.0	8599.4	8379.4	8158.4	7938.4
0.0	35°	8198.7	8791.0	9103.3	9415.7	9728.0	9911.7	9650.4	9388.2	9126.9
0.0	37.5°	9412.7	10144.5	10494.2	10843.9	11193.5	11528.5	11240.7	10951.9	10664.1
0.0	40°	11551.1	12583.4	13119.7	13657.0	14193.3	14625.4	14262.0	13898.6	13535.2
0.0	42.5°	15159.8	16633.1	17404.2	18174.3	18945.3	19620.1	19238.0	18855.9	18473.8
0.0	45°	20445.2	22405.7	23345.7	24284.7	25224.7	25717.8	25167.8	24616.7	24066.7
0.0	47.5°	24142.3	26095.0	26931.8	27768.7	28605.6	29168.4	28495.6	27822.7	27150.9
0.0	50°	25823.9	27681.3	28521.1	29359.9	30199.7	30646.6	29869.7	29091.8	28314.8
0.0	52.5°	26149.0	27884.6	28886.5	29889.3	30891.2	31488.4	30571.0	29652.6	28735.2
0.0	55°	26500.6	28340.4	29502.3	30665.3	31827.3	32654.3	31617.1	30578.9	29541.6
0.0	57.5°	27162.7	29151.7	30310.7	31468.8	32627.8	33330.1	32289.9	31248.8	30208.6
0.0	60°	27221.6	29083.9	30079.9	31076.9	32072.9	32514.9	31519.9	30523.9	29528.9
0.0	62.5°	25464.4	26862.1	27553.6	28245.1	28936.6	29416.9	28378.7	27339.5	26301.3
0.0	65°	21254.5	22119.9	22670.9	23222.0	23773.0	24345.6	23394.8	22444.0	21493.2
0.0	67.5°	16841.4	17503.4	18229.3	18955.1	19681.0	20292.9	19531.7	18769.5	18008.3
	70°	13544.0	14436.9	15253.1	16069.3	16885.6	17386.5	16622.3	15857.2	15093.0
	72.5°	10760.4	11706.3	12387.9	13068.6	13750.3	13873.1	13311.2	12749.4	12188.5
	75°	6533.8	7097.6	7111.4	7124.1	7137.9	7254.8	6789.2	6323.6	5859.0
	77.5°	1927.1	2128.5	2294.5	2459.5	2625.5	2825.9	2655.0	2483.1	2312.2
	80°	557.9	609.0	652.2	694.4	737.7	712.1	671.8	631.6	591.3
	82.5°	100.2	94.3	93.3	92.3	92.3	87.4	79.6	71.7	63.8
	85°	17.7	16.7	15.7	14.7	13.8	12.8	10.8	9.8	7.9
	87.5°	5.9	4.9	3.9	2.9	2.9	1.0	1.0	1.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049438

CATALOG NUMBER: GALN-SA4B-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°	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
0.0	0.0	2.5°	56.0	55.0	55.0	55.0	55.0	54.0	54.0	54.0	54.0
0.0	0.0	5°	61.9	61.9	60.9	60.9	59.9	59.9	58.9	58.9	58.0
0.0	0.0	7.5°	72.7	71.7	70.7	69.7	68.8	66.8	65.8	64.8	64.8
0.0	0.0	10°	87.4	85.5	84.5	82.5	81.5	79.6	77.6	75.6	73.7
0.0	0.0	12.5°	114.9	111.0	108.0	104.1	100.2	97.2	93.3	90.4	86.4
0.0	0.0	15°	199.4	189.6	178.8	166.0	152.2	139.5	125.7	117.9	109.0
0.0	0.0	17.5°	509.8	458.7	406.6	364.4	322.2	280.9	238.7	208.2	177.8
0.0	0.0	20°	1297.5	1156.1	1014.6	875.2	734.7	595.2	454.8	384.1	313.3
0.0	0.0	22.5°	2441.8	2179.6	1916.3	1661.9	1406.6	1152.2	897.8	737.7	578.5
0.0	0.0	25°	3768.8	3438.8	3108.8	2690.3	2270.9	1852.5	1434.1	1173.8	913.5
0.0	0.0	27.5°	4904.3	4524.2	4144.0	3635.2	3126.4	2617.7	2108.9	1720.9	1333.9
0.0	0.0	30°	5887.5	5478.9	5070.3	4478.0	3885.7	3293.4	2701.1	2215.9	1730.7
0.0	0.0	32.5°	6740.1	6250.9	5761.8	5150.8	4539.9	3928.9	3318.0	2722.7	2127.5
0.0	0.0	35°	7723.3	7152.6	6581.0	5903.2	5224.5	4546.8	3869.0	3197.2	2524.3
0.0	0.0	37.5°	8972.7	8272.4	7571.1	6815.7	6060.4	5306.0	4550.7	3782.6	3014.5
0.0	0.0	40°	11364.4	10460.8	9557.1	8597.5	7636.9	6677.2	5717.6	4774.6	3831.7
0.0	0.0	42.5°	15649.9	14429.0	13208.1	11931.2	10653.3	9376.4	8098.5	6768.6	5437.6
0.0	0.0	45°	20486.4	18971.8	17456.2	16023.2	14589.1	13156.0	11722.9	9898.0	8073.0
0.0	0.0	47.5°	23206.2	21570.8	19935.4	18578.9	17222.5	15866.0	14509.5	12542.1	10574.7
0.0	0.0	50°	24207.1	22542.2	20877.4	19628.9	18379.5	17131.1	15881.7	13911.4	11940.0
0.0	0.0	52.5°	24420.3	22722.0	21023.7	19767.4	18511.2	17255.9	15999.6	14042.0	12084.4
0.0	0.0	55°	24858.4	23036.3	21213.3	19781.2	18349.1	16917.0	15484.9	13495.9	11506.9
0.0	0.0	57.5°	25431.0	23562.8	21694.6	20063.1	18431.6	16801.1	15169.6	12994.9	10820.3
0.0	0.0	60°	25280.7	23655.1	22028.5	20281.1	18532.8	16785.4	15037.0	12645.3	10252.5
0.0	0.0	62.5°	22671.9	21377.3	20081.8	18644.7	17206.8	15769.7	14332.7	11870.3	9407.8
0.0	0.0	65°	18651.6	17706.7	16761.8	15605.7	14448.6	13292.6	12136.5	9928.4	7721.3
0.0	0.0	67.5°	15116.6	14051.8	12986.1	12064.8	11142.4	10221.1	9298.8	7561.2	5823.7
		70°	12009.8	10851.7	9692.7	8792.9	7892.2	6992.5	6092.8	4937.7	3783.6
		72.5°	9537.5	8493.4	7449.3	6489.6	5529.0	4569.3	3608.7	2926.1	2243.4
		75°	4558.5	4141.1	3723.6	3221.7	2719.8	2217.9	1716.0	1418.3	1121.7
		77.5°	1689.4	1464.5	1238.6	1034.3	830.0	626.7	422.4	387.0	351.6
		80°	437.1	381.1	324.1	283.9	242.6	202.3	162.1	146.4	131.6
		82.5°	50.1	46.2	43.2	41.3	38.3	36.3	33.4	30.4	27.5
		85°	2.9	2.0	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
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049438

CATALOG NUMBER: GALN-SA4B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049438

CATALOG NUMBER: GALN-SA4B-950-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	57.0	57.0
0.0	0.0	2.5°	53.0	52.1
0.0	0.0	5°	56.0	55.0
0.0	0.0	7.5°	61.9	59.9
0.0	0.0	10°	67.8	65.8
0.0	0.0	12.5°	76.6	73.7
0.0	0.0	15°	86.4	80.5
0.0	0.0	17.5°	103.1	90.4
0.0	0.0	20°	139.5	107.1
0.0	0.0	22.5°	196.4	133.6
0.0	0.0	25°	288.8	184.7
0.0	0.0	27.5°	401.7	245.6
0.0	0.0	30°	534.3	307.4
0.0	0.0	32.5°	651.2	366.4
0.0	0.0	35°	803.5	426.3
0.0	0.0	37.5°	991.1	502.9
0.0	0.0	40°	1281.8	618.8
0.0	0.0	42.5°	1805.3	832.9
0.0	0.0	45°	2932.0	1440.0
0.0	0.0	47.5°	4511.4	2381.9
0.0	0.0	50°	5519.2	3040.0
0.0	0.0	52.5°	5601.7	3035.1
0.0	0.0	55°	5113.5	2698.2
0.0	0.0	57.5°	4363.1	2255.2
0.0	0.0	60°	3626.4	1783.7
0.0	0.0	62.5°	2857.3	1231.7
0.0	0.0	65°	2088.2	871.2
0.0	0.0	67.5°	1499.9	651.2
		70°	986.2	499.0
		72.5°	642.4	406.6
		75°	432.2	336.9
		77.5°	252.4	223.9
		80°	89.4	78.6
		82.5°	16.7	11.8
		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: P1049438
CATALOG NUMBER: GALN-SA4B-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

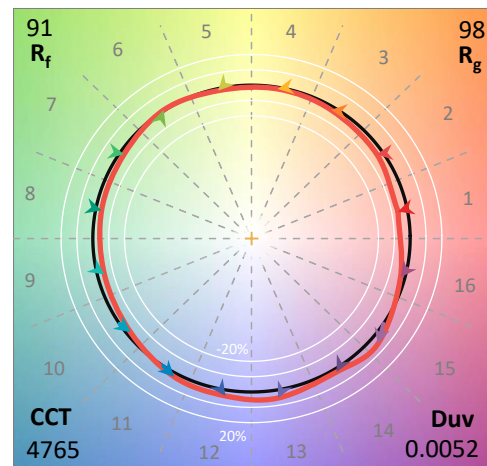
Test Information

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

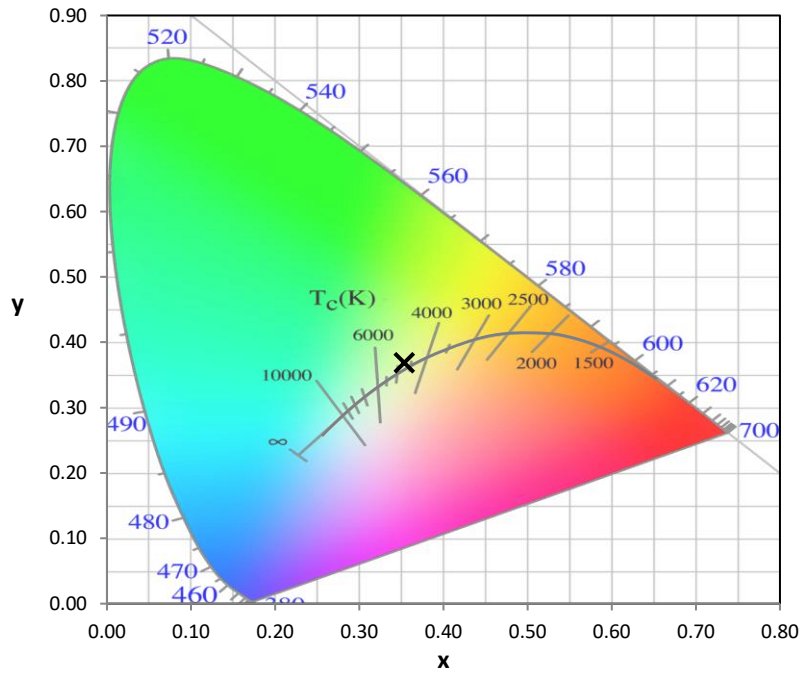
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-17

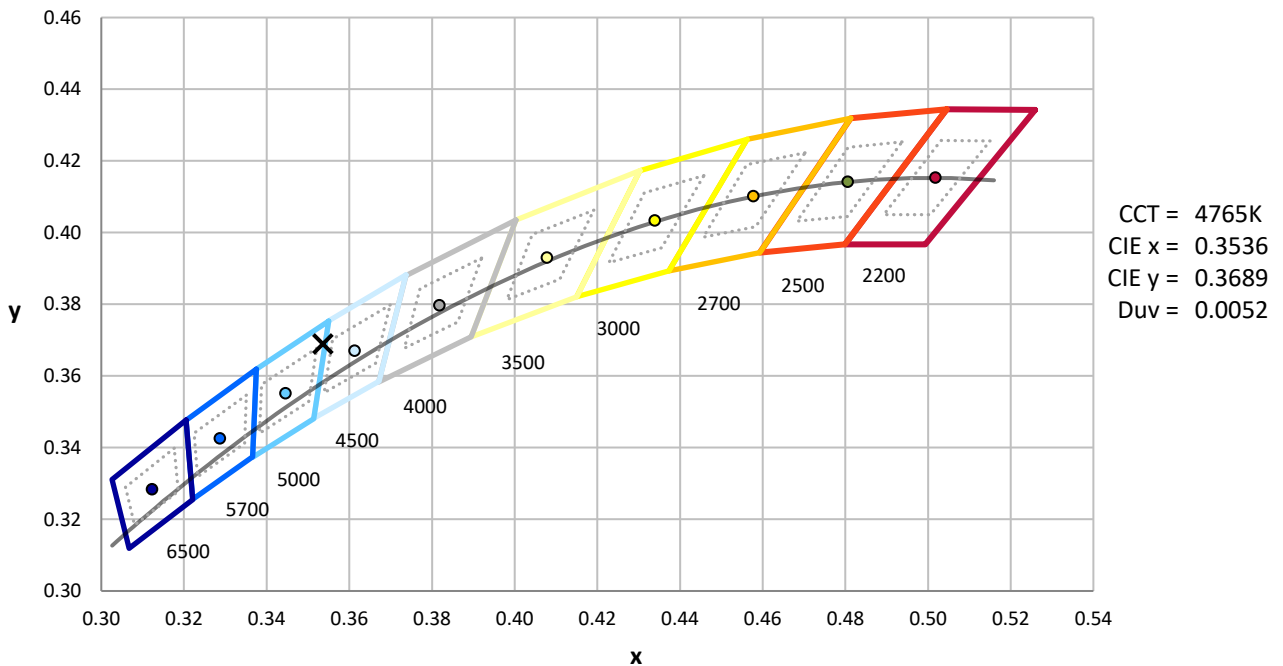
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



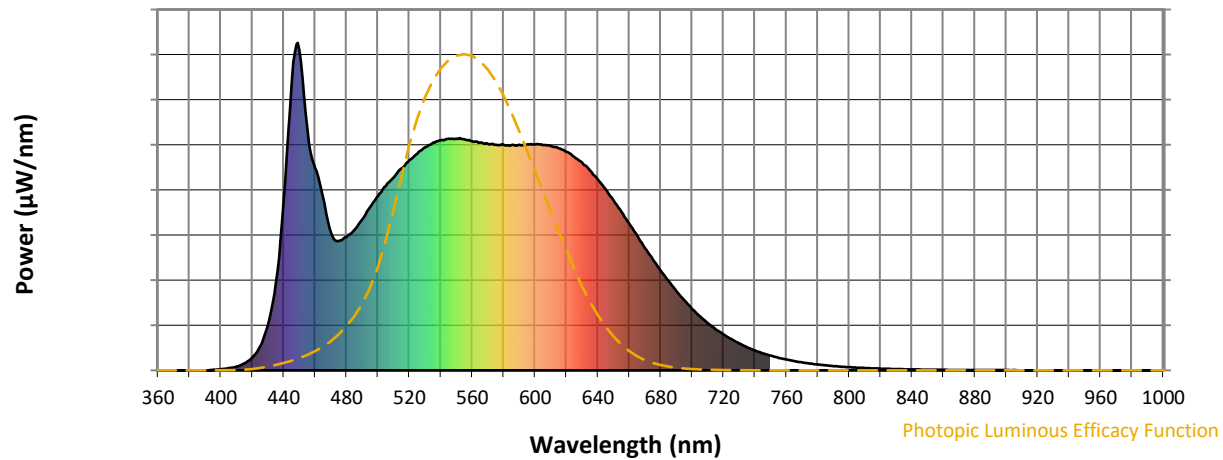
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-17

Photopic Flux vs. Wavelength

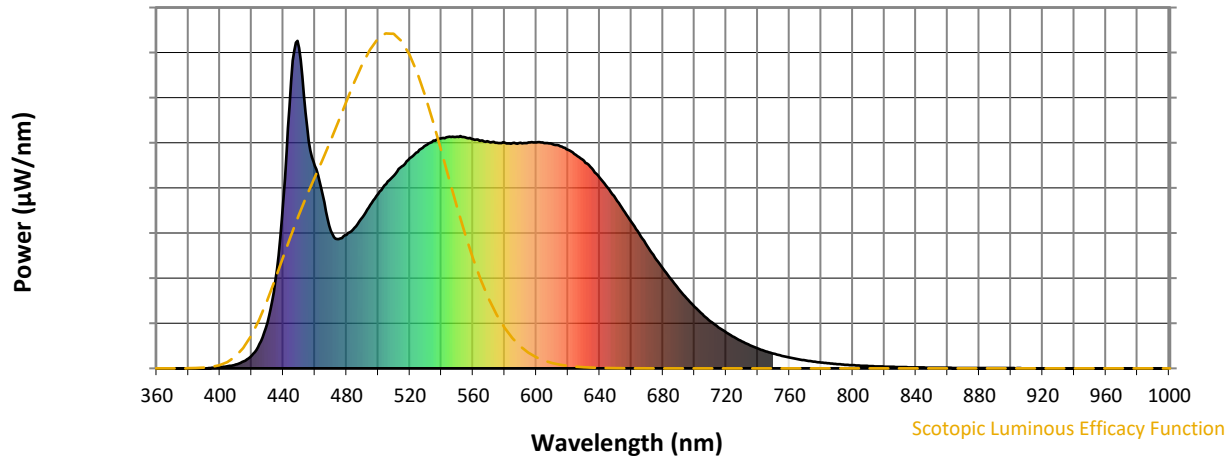


Photopic Lumens: NR

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



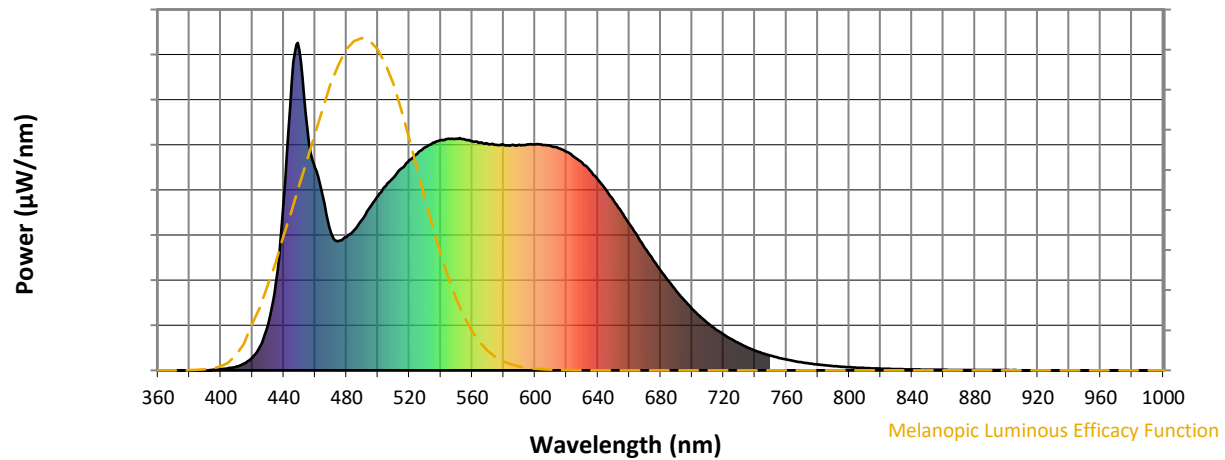
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-17

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 4.22

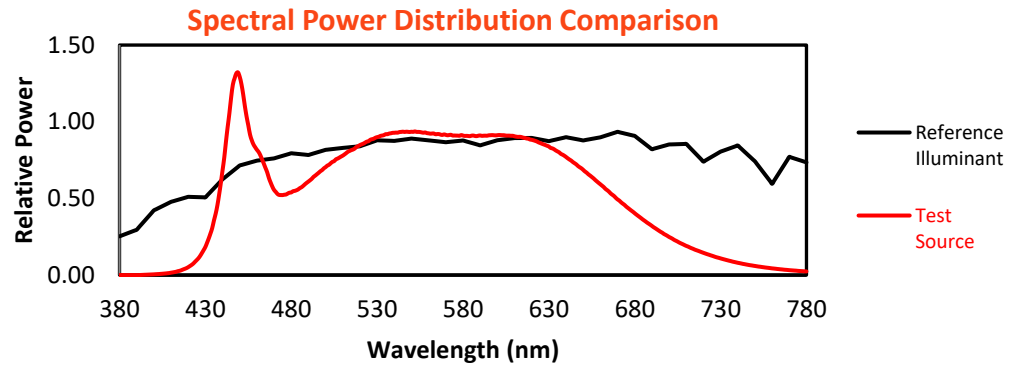
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533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

REPORT NUMBER: SP1-2407-184-17

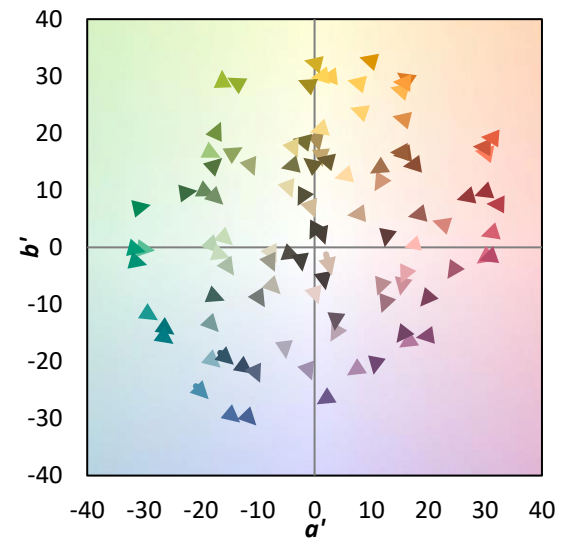
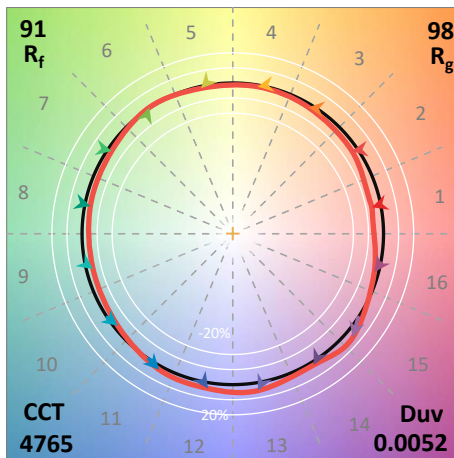
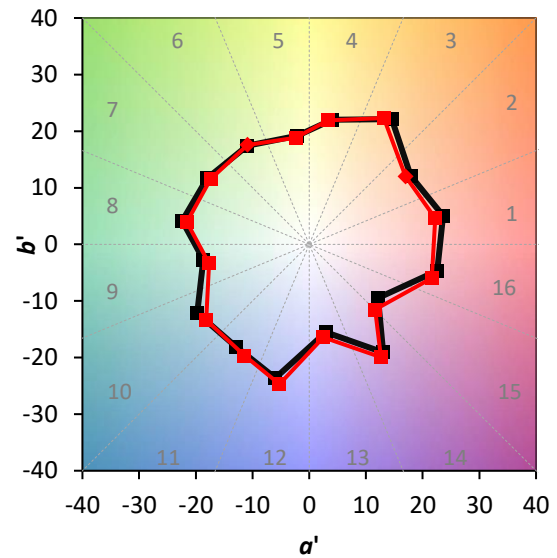
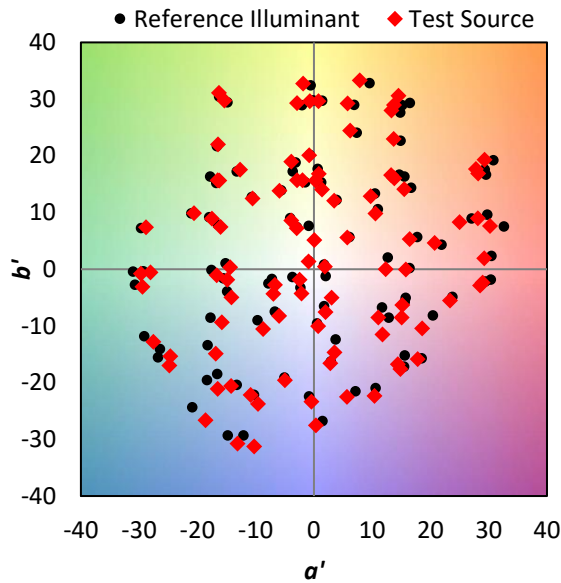
TM-30-18

Summary

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

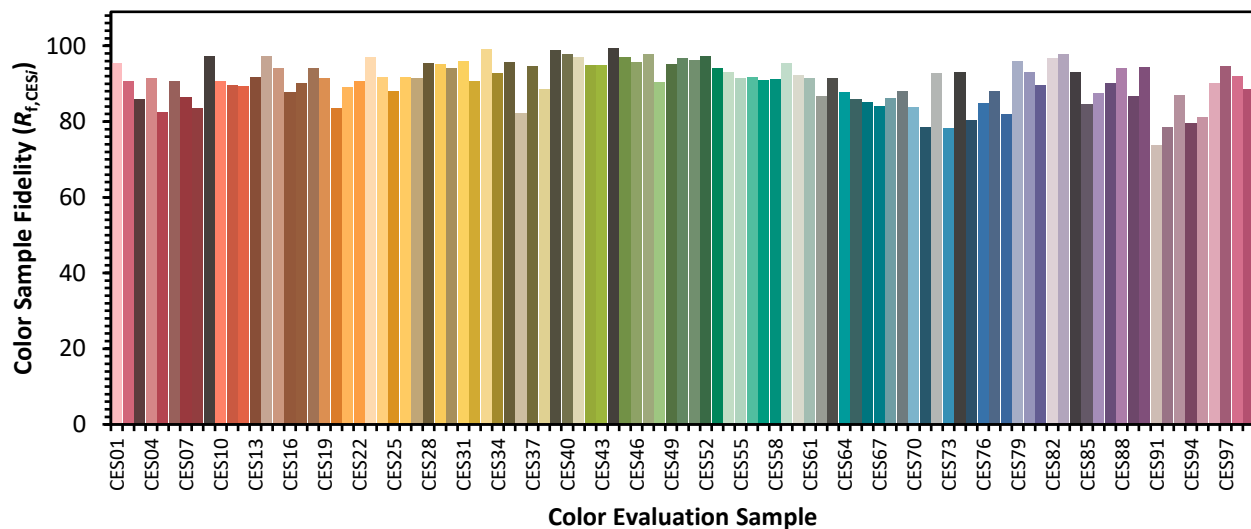


Color Vector Graphics

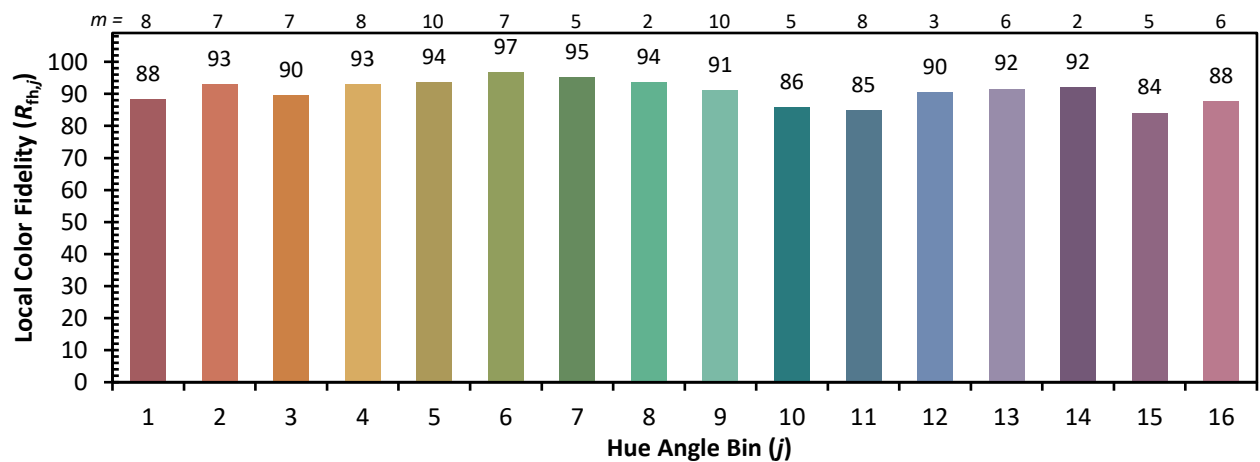
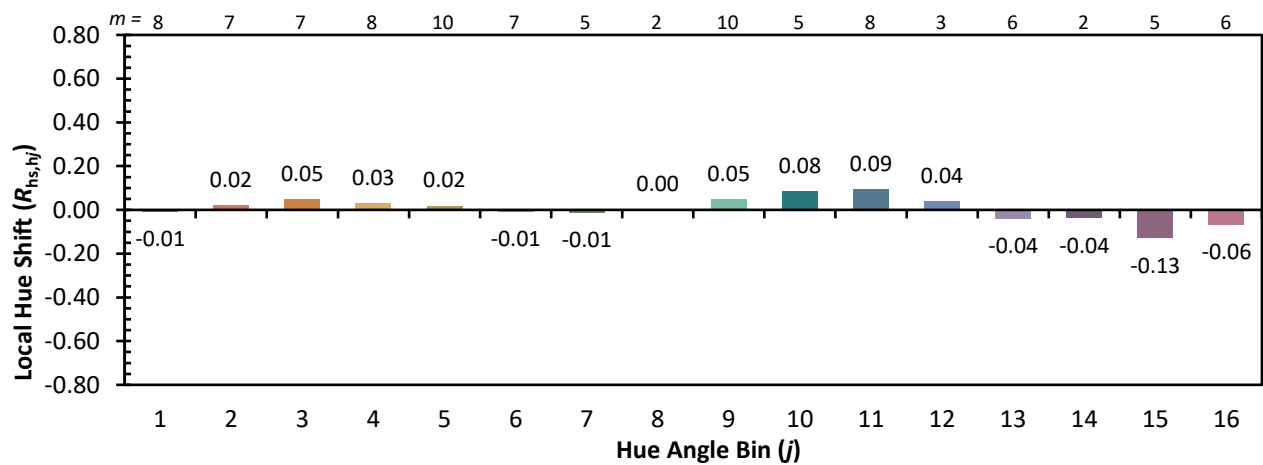
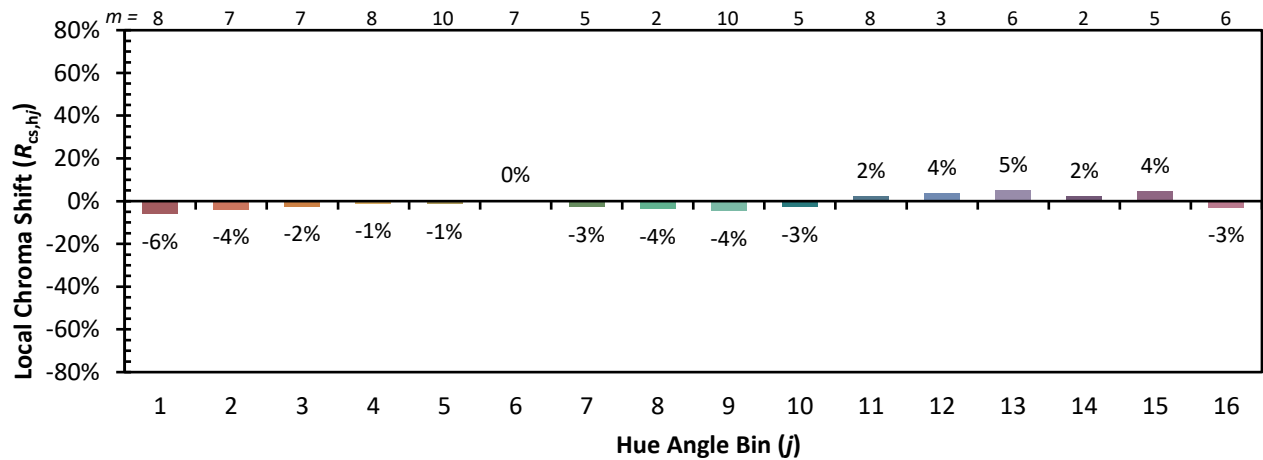


Individual Sample Fidelity Index ($R_{f,i}$)

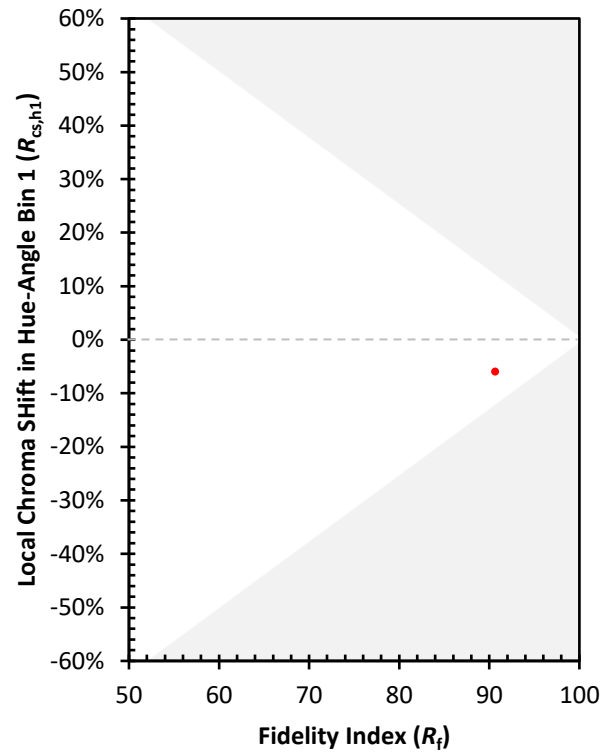
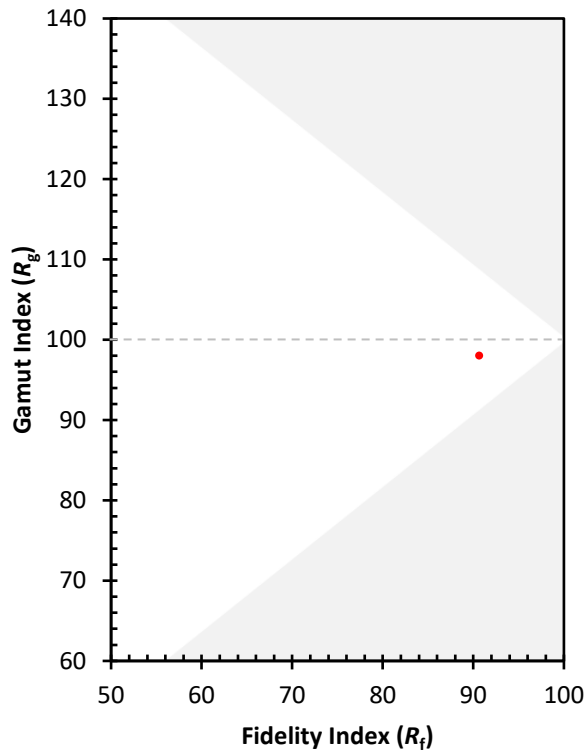
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 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)