

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: P1049425

Luminaire Tested: **GALN-SA1A-950-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049425
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1A-950-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
90CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (14) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2631.2 lumens
Efficiency: N/A
Efficacy: 90.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

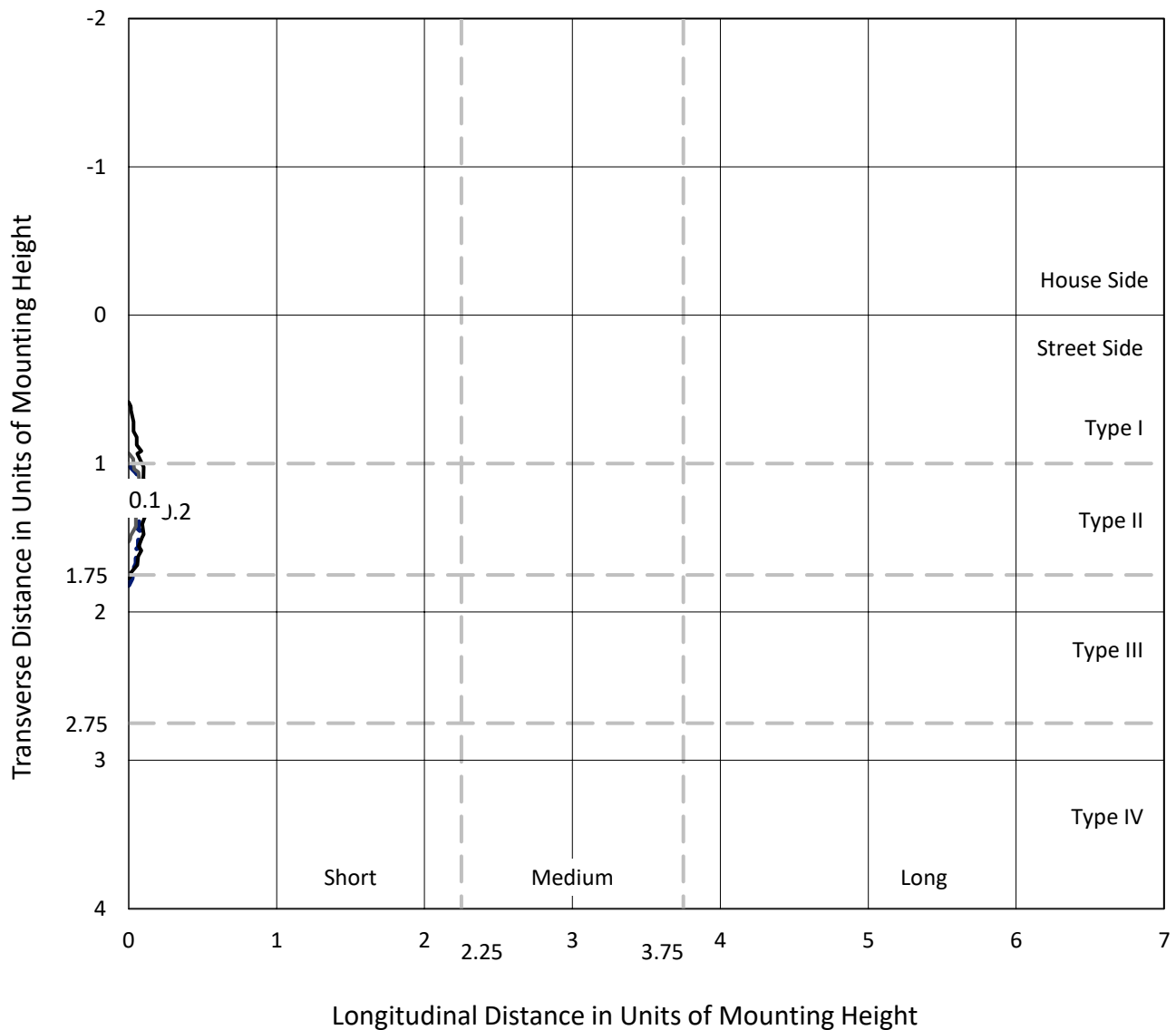
Input Watts (W): 29
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

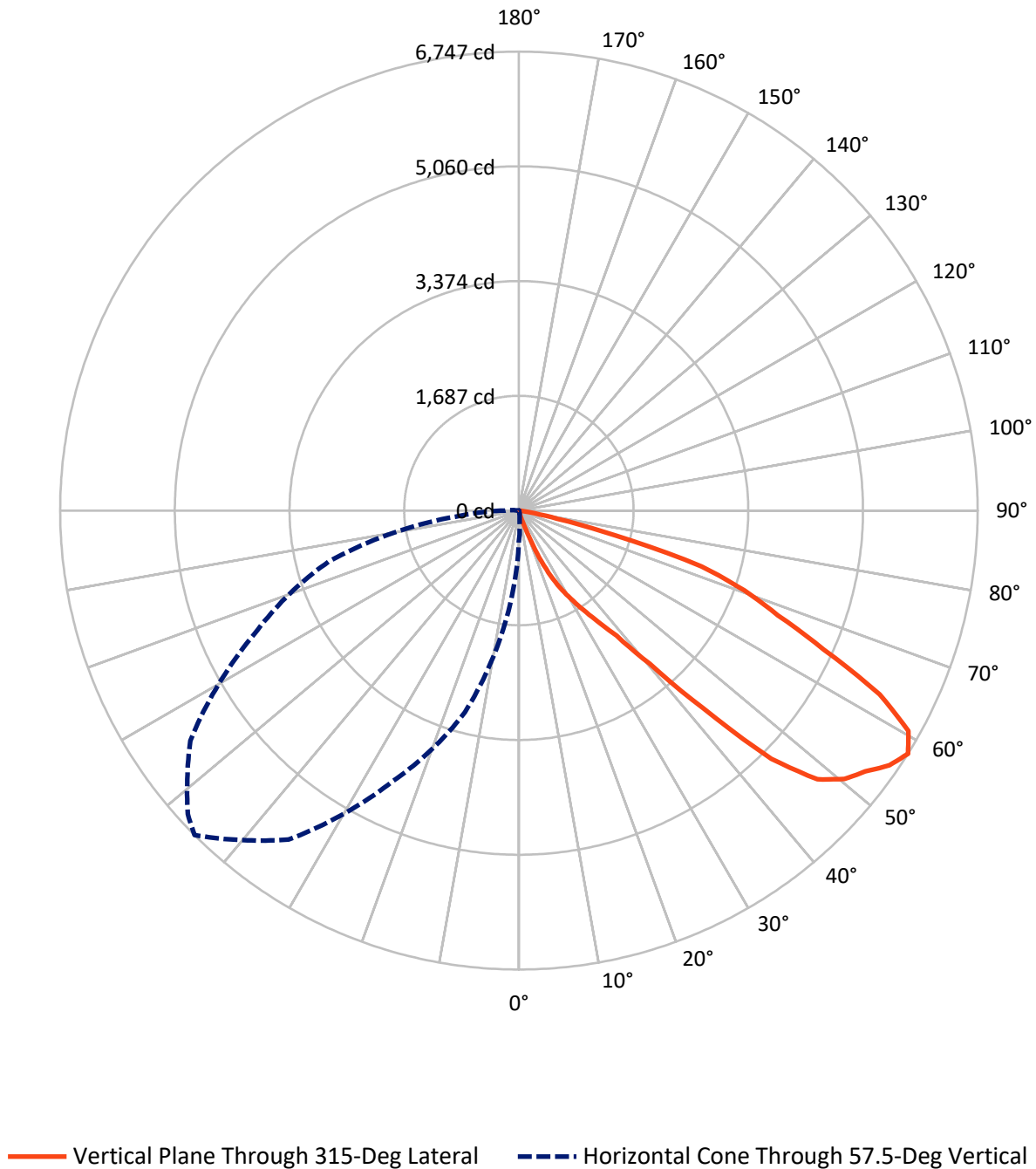
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 0.4 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	13.2	0.0	13.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	2618.0	0.0	2618.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	2631.2	0.0	2631.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.0	0.0
10°-20°	5.8	0.2
20°-30°	62.4	2.4
30°-40°	184.4	7.0
40°-50°	549.6	20.9
50°-60°	871.4	33.1
60°-70°	727.4	27.6
70°-80°	224.3	8.5
80°-90°	5.0	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°	2631.2	100.0
0°-180°	2631.2	100.0



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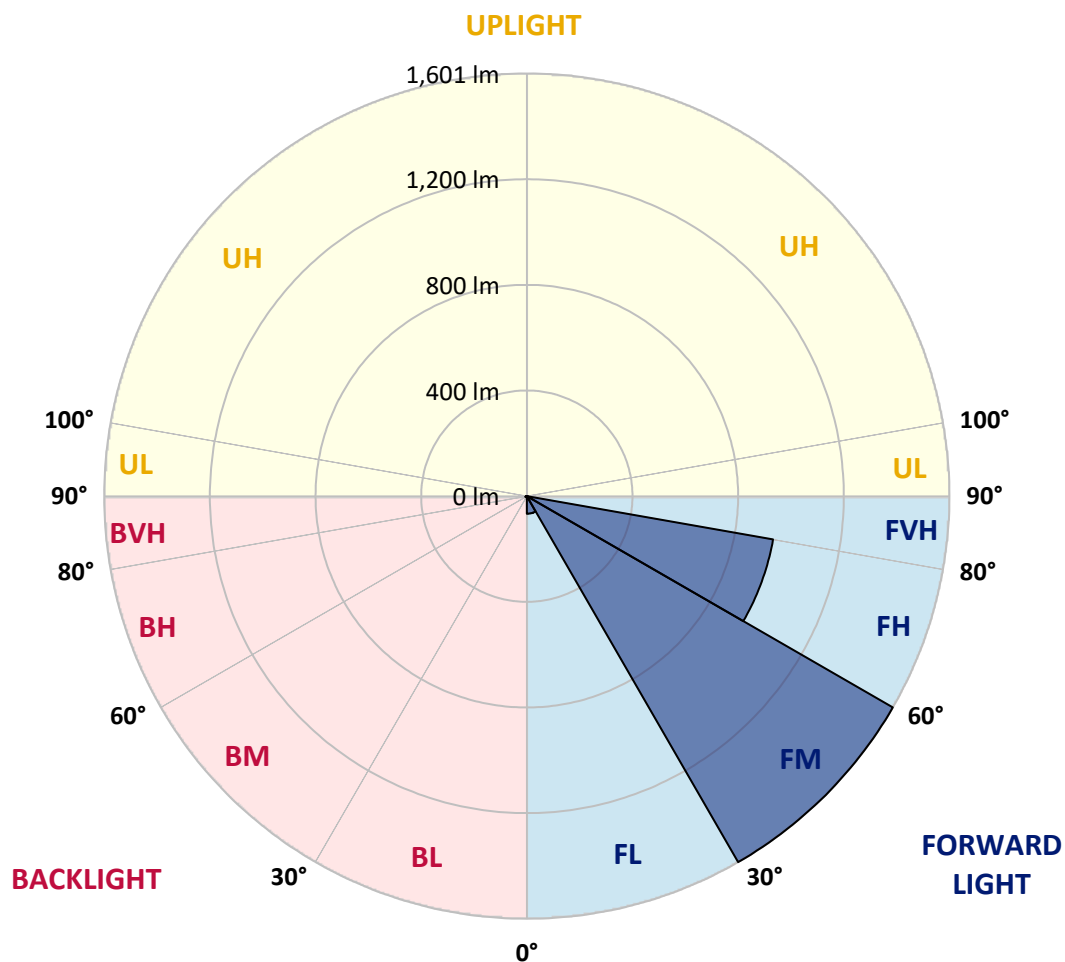
CATALOG NUMBER: GALN-SA1A-950-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	66.7	2.5			
FM	(30°-60°)	1600.6	60.8			
FH	(60°-80°)	946.8	36.0			G1/1800
FVH	(80°-90°)	3.9	0.1			G0/10
BL	(0°-30°)	2.4	0.1	B0/110		
BM	(30°-60°)	4.7	0.2	B0/220		
BH	(60°-80°)	4.9	0.2	B0/110		G0/110
BVH	(80°-90°)	1.1	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-G1

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°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
2.5°	10.5	10.5	10.5	10.5	10.3	10.3	10.1	10.1	9.9	9.9
5°	11.1	11.1	10.9	10.7	10.7	10.5	10.3	10.1	10.1	9.9
7.5°	12.1	11.9	11.7	11.5	11.1	10.9	10.5	10.3	10.1	9.7
10°	13.3	12.9	12.5	12.1	11.7	11.3	10.9	10.7	10.3	10.1
12.5°	14.9	14.3	13.5	12.9	12.5	11.9	11.5	11.1	10.5	10.1
15°	16.3	15.5	14.5	13.7	13.1	12.3	11.7	11.1	10.7	10.1
17.5°	18.3	16.9	15.3	14.3	13.5	12.5	11.5	10.9	10.3	9.5
20°	21.7	18.9	15.9	14.7	13.5	12.3	11.1	10.3	9.7	8.9
22.5°	27.0	22.3	17.5	15.7	14.1	12.3	10.7	9.9	9.1	8.4
25°	37.4	28.8	20.3	17.9	15.5	13.1	10.7	9.7	8.9	8.0
27.5°	49.7	37.0	24.1	20.7	17.5	14.1	10.7	9.5	8.6	7.4
30°	62.2	45.3	28.2	23.9	19.5	15.1	10.7	9.3	8.2	6.8
32.5°	74.2	53.1	31.8	26.6	21.5	16.1	10.9	9.3	7.8	6.2
35°	86.3	59.5	32.4	27.0	21.7	16.1	10.7	8.9	7.4	5.6
37.5°	101.8	66.6	31.2	25.8	20.7	15.3	10.1	8.6	7.0	5.2
40°	125.3	78.5	31.8	26.2	20.7	15.1	9.5	8.0	6.6	5.0
42.5°	168.6	101.6	34.4	28.0	21.7	15.1	8.7	7.4	6.2	4.8
45°	291.5	168.8	46.1	36.6	27.0	17.5	8.0	6.8	5.8	4.6
47.5°	482.2	282.5	82.9	64.0	45.3	26.4	7.8	6.8	5.8	4.6
50°	615.4	359.9	104.4	80.3	56.3	32.2	8.2	7.0	6.0	4.8
52.5°	614.4	365.5	116.3	89.3	62.4	35.4	8.6	7.4	6.4	5.2
55°	546.2	332.5	118.5	91.1	63.8	36.4	9.1	8.0	6.8	5.6
57.5°	456.5	282.4	108.2	83.7	59.5	35.0	10.5	9.1	8.0	6.6
60°	361.1	222.7	84.3	66.6	49.1	31.4	13.9	12.1	10.5	8.7
62.5°	249.3	161.5	73.6	59.1	44.7	30.2	15.9	14.1	12.5	10.7
65°	176.4	121.5	66.4	54.1	42.0	29.6	17.3	15.3	13.5	11.5
67.5°	131.8	96.6	61.2	50.7	40.2	29.6	19.1	16.7	14.5	12.1
70°	101.0	79.3	57.5	48.9	40.6	32.0	23.5	20.1	16.9	13.5
72.5°	82.3	67.8	53.1	46.9	40.8	34.6	28.4	24.1	19.7	15.1
75°	68.2	58.1	47.9	42.8	37.8	32.6	27.4	23.5	19.7	15.7
77.5°	45.3	41.4	37.2	34.2	31.2	28.0	25.1	21.7	18.5	15.1
80°	15.9	15.3	14.7	15.9	17.1	18.3	19.5	17.1	14.9	12.5
82.5°	2.4	2.2	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4
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-SA1A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA1A-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°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
0.0	2.5°	9.7	9.7	9.5	9.5	9.5	9.3	9.3	9.1	9.1	9.1
0.0	5°	9.5	9.5	9.3	9.1	8.9	8.9	8.7	8.6	8.6	8.4
0.0	7.5°	9.3	9.1	8.9	8.7	8.6	8.4	8.2	8.0	8.0	7.8
0.0	10°	9.5	9.1	8.9	8.6	8.4	8.2	7.8	7.6	7.4	7.4
0.0	12.5°	9.1	8.9	8.6	8.2	8.0	7.6	7.4	7.0	6.8	6.8
0.0	15°	9.1	8.7	8.2	7.8	7.4	7.2	6.8	6.4	6.2	6.0
0.0	17.5°	8.6	8.2	7.6	7.2	6.8	6.4	6.0	5.6	5.4	5.2
0.0	20°	7.8	7.4	6.8	6.2	5.8	5.4	5.0	4.6	4.4	4.2
0.0	22.5°	7.0	6.6	6.0	5.4	5.0	4.6	4.0	3.6	3.4	3.0
0.0	25°	6.6	6.0	5.4	4.8	4.2	3.8	3.2	2.6	2.2	1.8
0.0	27.5°	5.6	5.0	4.4	3.8	3.2	2.6	2.0	1.4	1.0	0.8
0.0	30°	4.8	4.2	3.6	3.0	2.2	1.6	1.0	0.2	0.2	0.2
0.0	32.5°	4.0	3.4	2.6	2.0	1.6	1.0	0.6	0.0	0.0	0.0
0.0	35°	3.2	2.6	1.8	1.2	1.0	0.6	0.4	0.0	0.0	0.0
0.0	37.5°	2.8	2.2	1.4	0.6	0.4	0.4	0.2	0.0	0.0	0.0
0.0	40°	2.6	1.8	1.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0
0.0	42.5°	2.6	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	2.6	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	2.6	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	2.8	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	3.2	2.4	1.6	0.8	0.6	0.4	0.2	0.0	0.0	0.0
0.0	55°	4.0	3.6	3.0	2.6	2.0	1.4	0.6	0.0	0.0	0.0
0.0	57.5°	5.2	5.2	5.0	4.8	3.6	2.4	1.2	0.0	0.0	0.0
0.0	60°	7.0	7.0	7.0	7.0	5.2	3.6	1.8	0.0	0.0	0.0
0.0	62.5°	8.6	8.2	7.6	7.2	5.4	3.6	1.8	0.0	0.0	0.0
0.0	65°	8.6	7.8	6.8	5.8	4.4	3.0	1.4	0.0	0.0	0.0
0.0	67.5°	8.0	6.4	4.6	3.0	2.2	1.6	0.8	0.0	0.0	0.0
	70°	8.0	5.6	3.2	0.8	0.6	0.4	0.2	0.0	0.0	0.0
	72.5°	8.0	5.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	8.7	6.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	8.7	6.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	7.8	5.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	2.6	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA1A-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°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
0.0	2.5°	8.9	8.9	8.9	8.7	8.7	8.7	8.7	8.6	8.6	8.6
0.0	5°	8.2	8.2	8.0	8.0	7.8	7.8	7.6	7.6	7.4	7.4
0.0	7.5°	7.6	7.4	7.4	7.2	7.0	7.0	6.8	6.8	6.6	6.4
0.0	10°	7.0	6.8	6.8	6.6	6.4	6.2	6.2	6.0	5.8	5.6
0.0	12.5°	6.4	6.2	6.0	5.8	5.6	5.4	5.4	5.2	5.0	4.8
0.0	15°	5.6	5.4	5.2	5.0	4.8	4.6	4.6	4.4	4.2	4.0
0.0	17.5°	4.8	4.6	4.6	4.4	4.2	4.0	3.8	3.4	3.2	3.0
0.0	20°	3.6	3.4	3.2	3.0	2.8	2.4	2.2	1.8	1.4	1.2
0.0	22.5°	2.4	2.0	1.8	1.4	1.0	0.8	0.6	0.2	0.0	0.0
0.0	25°	0.8	0.6	0.4	0.2	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: P1049425

CATALOG NUMBER: GALN-SA1A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049425

CATALOG NUMBER: GALN-SA1A-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°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
0.0	2.5°	8.4	8.4	8.4	8.2	8.2	8.2	8.2	8.2	8.2	8.2
0.0	5°	7.2	7.2	7.2	7.0	7.0	6.8	6.8	6.8	6.6	6.6
0.0	7.5°	6.2	6.0	6.0	5.8	5.8	5.6	5.6	5.6	5.4	5.4
0.0	10°	5.2	5.0	5.0	4.8	4.8	4.6	4.6	4.4	4.4	4.2
0.0	12.5°	4.6	4.4	4.2	4.0	4.0	3.8	3.6	3.6	3.4	3.2
0.0	15°	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.4	2.2	2.0
0.0	17.5°	2.4	2.0	1.8	1.6	1.6	1.4	1.2	1.0	0.8	0.6
0.0	20°	0.6	0.4	0.2	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

CATALOG NUMBER: GALN-SA1A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049425

CATALOG NUMBER: GALN-SA1A-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°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
0.0	2.5°	8.2	8.0	8.0	8.0	8.2	8.2	8.2	8.2	8.2	8.2
0.0	5°	6.6	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
0.0	7.5°	5.4	5.2	5.2	5.2	5.2	5.0	5.0	5.0	5.0	5.0
0.0	10°	4.2	4.0	4.0	4.0	4.0	3.8	3.8	3.8	3.8	3.8
0.0	12.5°	3.0	3.0	2.8	2.8	2.8	2.6	2.6	2.6	2.6	2.4
0.0	15°	1.8	1.6	1.4	1.4	1.4	1.2	1.2	1.2	1.2	1.0
0.0	17.5°	0.4	0.4	0.2	0.2	0.2	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: P1049425

CATALOG NUMBER: GALN-SA1A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049425

CATALOG NUMBER: GALN-SA1A-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°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
0.0	2.5°	8.4	8.4	8.6	8.6	8.7	9.1	9.3	9.5	9.9	10.3
0.0	5°	6.6	6.8	6.8	7.0	7.2	7.4	7.6	7.8	8.2	8.6
0.0	7.5°	5.2	5.2	5.4	5.4	5.6	6.0	6.2	6.4	6.8	7.4
0.0	10°	4.0	4.0	4.2	4.2	4.4	4.8	5.0	5.2	5.6	6.2
0.0	12.5°	2.6	2.8	2.8	3.0	3.2	3.6	3.8	4.0	4.4	4.8
0.0	15°	1.2	1.4	1.4	1.6	1.8	2.2	2.4	2.6	3.0	3.6
0.0	17.5°	0.2	0.2	0.4	0.4	0.6	0.8	1.0	1.2	1.8	2.2
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
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: P1049425

CATALOG NUMBER: GALN-SA1A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049425

CATALOG NUMBER: GALN-SA1A-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°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
0.0	2.5°	10.9	11.3	11.7	12.1	12.5	12.9	13.1	13.5	13.7	13.9
0.0	5°	9.3	9.7	10.3	10.7	11.1	11.5	11.9	12.1	12.3	12.5
0.0	7.5°	8.2	8.6	9.1	9.5	9.9	10.3	10.7	11.1	11.3	11.5
0.0	10°	7.0	7.6	8.0	8.6	8.9	9.3	9.7	10.1	10.5	10.7
0.0	12.5°	5.6	6.2	6.8	7.2	7.8	8.4	8.7	9.1	9.5	9.9
0.0	15°	4.4	5.0	5.6	6.0	6.6	7.2	7.8	8.2	8.6	8.9
0.0	17.5°	3.2	3.8	4.4	4.8	5.4	6.0	6.4	7.0	7.4	7.8
0.0	20°	1.6	2.2	2.8	3.4	4.0	4.6	5.0	5.6	6.0	6.4
0.0	22.5°	0.2	0.8	1.4	1.8	2.4	3.0	3.4	4.0	4.4	4.8
0.0	25°	0.0	0.2	0.6	0.8	1.0	1.4	1.8	2.2	2.6	3.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.8	1.2	1.6
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4
	85°	0.0	0.0	0.0	0.0	0.0	0.4	0.6	1.0	1.2	1.4
	87.5°	0.0	0.2	0.4	0.6	0.8	1.2	1.6	2.0	2.2	2.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049425

CATALOG NUMBER: GALN-SA1A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049425

CATALOG NUMBER: GALN-SA1A-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°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
0.0	2.5°	14.1	14.1	14.1	14.1	13.9	13.9	13.9	13.7	13.7	13.5
0.0	5°	12.9	13.1	13.1	13.1	13.1	13.1	13.1	13.1	12.9	12.9
0.0	7.5°	11.9	12.1	12.3	12.3	12.5	12.5	12.5	12.3	12.3	12.1
0.0	10°	11.3	11.5	11.5	11.7	11.7	11.7	11.7	11.7	11.7	11.7
0.0	12.5°	10.5	10.7	10.9	10.9	11.1	11.1	11.1	11.1	10.9	10.9
0.0	15°	9.5	9.9	10.1	10.3	10.3	10.5	10.5	10.5	10.5	10.5
0.0	17.5°	8.7	9.1	9.3	9.5	9.5	9.7	9.7	9.9	9.9	9.9
0.0	20°	7.2	7.6	7.8	8.2	8.4	8.6	8.7	8.9	8.9	9.1
0.0	22.5°	5.6	6.0	6.2	6.6	6.8	7.0	7.2	7.4	7.6	7.8
0.0	25°	4.0	4.4	4.6	5.0	5.2	5.4	5.6	5.8	5.8	6.0
0.0	27.5°	2.2	2.6	3.0	3.2	3.6	3.8	4.0	4.2	4.4	4.6
0.0	30°	1.0	1.2	1.4	1.8	2.0	2.2	2.4	2.8	3.0	3.2
0.0	32.5°	0.0	0.0	0.2	0.6	0.8	1.0	1.2	1.4	1.4	1.6
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.8
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	82.5°	1.0	1.2	1.4	1.4	1.6	1.6	1.6	1.6	1.4	1.4
	85°	2.0	2.2	2.4	2.4	2.6	2.6	2.6	2.6	2.6	2.6
	87.5°	2.8	3.0	3.2	3.2	3.4	3.4	3.4	3.4	3.4	3.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049425

CATALOG NUMBER: GALN-SA1A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049425

CATALOG NUMBER: GALN-SA1A-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°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
0.0	2.5°	13.3	13.3	13.1	13.1	13.1	13.1	13.1	13.3	13.5	13.5
0.0	5°	12.7	12.7	12.5	12.5	12.5	12.7	12.7	12.9	13.1	13.3
0.0	7.5°	12.1	11.9	11.9	12.1	12.1	12.3	12.3	12.5	12.7	12.9
0.0	10°	11.7	11.5	11.5	11.5	11.7	11.7	11.9	12.1	12.3	12.5
0.0	12.5°	10.9	10.9	10.9	10.9	11.1	11.1	11.3	11.5	11.9	12.1
0.0	15°	10.5	10.3	10.3	10.3	10.3	10.5	10.5	10.9	11.3	11.5
0.0	17.5°	9.7	9.7	9.5	9.5	9.7	9.7	9.9	10.3	10.7	10.9
0.0	20°	8.9	8.7	8.6	8.6	8.7	8.7	8.9	9.3	9.7	9.9
0.0	22.5°	7.8	7.6	7.6	7.6	7.6	7.8	7.8	8.2	8.7	9.1
0.0	25°	6.2	6.4	6.4	6.6	6.6	6.8	7.0	7.4	8.0	8.4
0.0	27.5°	4.8	5.0	5.0	5.4	5.6	5.8	6.0	6.6	7.2	7.6
0.0	30°	3.6	3.8	4.0	4.2	4.6	5.0	5.4	6.0	6.6	7.0
0.0	32.5°	2.2	2.6	2.8	3.2	3.6	4.0	4.4	5.0	5.8	6.4
0.0	35°	1.6	1.8	2.2	2.4	2.8	3.2	3.6	4.4	5.0	5.8
0.0	37.5°	0.8	1.2	1.6	2.0	2.4	2.8	3.2	4.0	4.8	5.4
0.0	40°	0.6	1.0	1.2	1.6	2.2	2.6	3.0	3.8	4.6	5.4
0.0	42.5°	0.4	0.6	0.8	1.4	1.8	2.4	3.0	3.8	4.6	5.4
0.0	45°	0.4	0.4	0.6	1.2	1.8	2.6	3.2	4.0	4.6	5.4
0.0	47.5°	0.4	0.6	0.8	1.6	2.0	2.6	3.2	3.8	4.6	5.2
0.0	50°	0.6	0.8	1.0	1.8	2.2	2.8	3.2	4.0	4.6	5.4
0.0	52.5°	0.4	0.6	0.8	1.6	2.2	3.0	3.6	4.4	5.2	5.8
0.0	55°	0.2	0.2	0.2	1.2	2.4	3.4	4.6	5.2	6.0	6.6
0.0	57.5°	0.0	0.0	0.0	0.8	2.4	3.8	5.2	6.0	6.8	7.4
0.0	60°	0.0	0.0	0.0	0.8	2.4	3.8	5.2	6.2	7.2	8.2
0.0	62.5°	0.0	0.0	0.0	0.8	2.0	3.2	4.4	6.0	7.8	9.3
0.0	65°	0.0	0.0	0.0	0.6	1.6	2.6	3.6	6.0	8.4	10.5
0.0	67.5°	0.0	0.0	0.0	0.6	1.6	2.4	3.4	6.0	8.4	10.9
	70°	0.0	0.0	0.0	0.6	1.6	2.6	3.6	6.0	8.4	10.7
	72.5°	0.0	0.0	0.0	0.6	1.8	2.8	4.0	6.0	8.0	9.9
	75°	0.0	0.0	0.0	0.8	1.8	3.0	4.2	6.0	7.8	9.3
	77.5°	0.0	0.0	0.0	0.6	1.8	2.8	4.0	5.8	7.6	9.1
	80°	0.6	0.4	0.4	1.0	1.8	2.6	3.4	5.2	7.2	8.9
	82.5°	1.2	1.2	1.0	1.4	1.8	2.4	3.0	4.6	6.4	8.0
	85°	2.4	2.4	2.2	2.4	2.4	2.6	2.8	3.6	4.4	5.2
	87.5°	3.2	3.2	3.0	3.0	3.0	2.8	2.8	2.8	2.8	2.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049425

CATALOG NUMBER: GALN-SA1A-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
11.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.1											
11.9											
11.1											
10.9											
10.7											
9.5											
6.0											
2.6											
0.0											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049425

CATALOG NUMBER: GALN-SA1A-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°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
0.0	2.5°	13.9	14.1	14.1	14.3	14.5	14.7	14.7	14.9	14.9	14.9
0.0	5°	13.7	14.1	14.3	14.5	14.7	14.9	15.1	15.3	15.5	15.5
0.0	7.5°	13.5	13.7	14.1	14.3	14.7	14.9	15.3	15.5	15.7	15.9
0.0	10°	13.1	13.5	13.9	14.3	14.7	15.1	15.5	15.9	16.3	16.5
0.0	12.5°	12.7	13.3	13.7	14.1	14.7	15.3	15.7	16.3	16.7	17.1
0.0	15°	12.5	12.9	13.5	13.9	14.7	15.5	16.1	16.9	17.7	18.3
0.0	17.5°	11.9	12.7	13.3	13.9	14.7	15.7	16.5	17.3	18.5	19.7
0.0	20°	11.1	11.7	12.5	13.1	14.3	15.3	16.5	17.5	19.3	21.1
0.0	22.5°	10.3	11.1	11.7	12.5	13.9	15.1	16.5	17.7	20.7	23.5
0.0	25°	9.5	10.5	11.3	12.1	13.7	15.3	16.9	18.5	23.5	28.4
0.0	27.5°	9.1	9.9	10.9	11.7	13.7	15.9	17.9	19.9	27.8	35.6
0.0	30°	8.6	9.5	10.3	11.3	13.9	16.5	19.1	21.7	33.8	45.9
0.0	32.5°	8.0	8.9	9.9	10.9	14.3	17.7	20.9	24.3	40.2	55.9
0.0	35°	7.4	8.6	9.5	10.5	14.9	19.5	23.9	28.2	45.9	63.4
0.0	37.5°	7.2	8.4	9.3	10.3	15.1	19.7	24.5	29.0	46.5	64.0
0.0	40°	7.4	8.4	9.5	10.5	14.5	18.5	22.3	26.2	44.5	62.6
0.0	42.5°	7.4	8.6	9.7	10.9	14.1	17.3	20.5	23.7	43.9	64.2
0.0	45°	7.2	8.4	9.5	10.7	13.7	16.5	19.5	22.3	47.5	72.6
0.0	47.5°	7.0	8.2	9.3	10.5	13.5	16.5	19.5	22.5	61.4	100.2
0.0	50°	7.0	8.2	9.1	10.1	13.7	17.5	21.1	24.7	89.5	154.1
0.0	52.5°	7.4	8.4	9.1	9.9	14.1	18.5	22.7	26.8	113.7	200.4
0.0	55°	8.0	8.6	9.3	9.9	15.1	20.1	25.3	30.2	121.1	212.0
0.0	57.5°	8.7	9.3	9.9	10.5	16.9	23.3	29.4	35.8	121.7	207.4
0.0	60°	9.7	10.5	11.1	11.7	18.5	25.5	32.2	39.0	110.2	181.1
0.0	62.5°	11.9	12.9	13.7	14.7	21.3	27.6	34.2	40.6	91.5	142.4
0.0	65°	13.7	14.5	15.3	16.1	22.5	29.0	35.4	41.8	77.5	113.3
0.0	67.5°	14.1	14.9	15.5	16.3	22.9	29.4	35.8	42.4	66.4	90.3
	70°	14.3	15.3	16.5	17.5	24.3	31.0	37.6	44.3	58.9	73.4
	72.5°	13.7	15.7	17.5	19.3	25.7	31.8	38.2	44.3	54.7	65.0
	75°	13.7	16.5	19.1	21.7	26.4	31.0	35.8	40.4	48.3	56.3
	77.5°	14.5	18.1	21.7	25.3	28.0	30.6	33.4	36.0	41.2	46.3
	80°	14.5	18.3	21.9	25.7	26.8	28.2	29.4	30.6	31.2	31.8
	82.5°	12.5	15.5	18.5	21.5	20.1	18.7	17.3	15.9	14.9	13.7
	85°	6.4	7.0	7.4	7.8	7.2	6.6	6.0	5.4	5.0	4.4
	87.5°	2.6	2.6	2.4	2.4	2.4	2.4	2.2	2.2	2.2	2.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049425

CATALOG NUMBER: GALN-SA1A-950-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
11.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
294.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
567.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
523.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
447.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
264.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
195.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.2											
102.8											
74.8											
56.3											
31.6											
14.3											
4.2											
2.0											
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REPORT NUMBER: P1049425

CATALOG NUMBER: GALN-SA1A-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°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
0.0	2.5°	14.9	14.7	14.7	14.5	14.3	14.1	13.9	13.7	13.5	13.3
0.0	5°	15.5	15.5	15.5	15.3	15.3	15.1	15.1	14.9	14.7	14.5
0.0	7.5°	16.1	16.3	16.3	16.5	16.5	16.5	16.5	16.3	16.3	16.3
0.0	10°	17.1	17.3	17.5	17.7	17.9	18.1	18.1	18.3	18.3	18.3
0.0	12.5°	18.3	18.9	19.3	19.9	20.3	20.9	21.3	21.9	22.3	22.7
0.0	15°	20.1	21.1	22.3	23.3	24.3	25.7	27.2	28.6	30.0	32.2
0.0	17.5°	22.7	25.8	29.0	32.0	35.2	42.2	49.1	55.9	62.8	73.0
0.0	20°	27.6	37.2	46.5	56.1	65.4	89.9	114.1	138.6	162.8	188.9
0.0	22.5°	38.8	62.2	85.7	109.2	132.6	183.7	234.6	285.7	336.6	396.5
0.0	25°	56.3	99.4	142.6	185.5	228.7	308.6	388.7	468.7	548.6	626.3
0.0	27.5°	81.9	147.9	214.0	279.8	345.8	454.1	562.7	671.1	779.4	867.3
0.0	30°	113.5	203.0	292.5	382.0	471.4	594.7	718.0	841.1	964.4	1060.4
0.0	32.5°	143.4	252.9	362.5	471.8	581.4	721.8	862.4	1002.7	1143.1	1248.1
0.0	35°	162.8	295.3	427.9	560.3	692.8	844.7	996.6	1148.3	1300.2	1420.1
0.0	37.5°	182.3	335.2	487.9	640.9	793.6	960.4	1127.2	1294.0	1460.9	1609.0
0.0	40°	204.2	383.6	562.7	742.1	921.2	1118.9	1316.3	1514.0	1711.4	1920.4
0.0	42.5°	242.2	463.7	685.4	906.9	1128.4	1389.9	1651.4	1912.6	2174.1	2472.4
0.0	45°	313.6	625.7	938.1	1250.3	1562.5	1908.8	2255.4	2601.8	2948.2	3345.1
0.0	47.5°	488.3	917.8	1347.1	1776.6	2205.9	2579.9	2953.7	3327.8	3701.6	4096.9
0.0	50°	747.2	1247.1	1747.0	2246.7	2746.6	3085.0	3423.2	3761.6	4099.9	4475.9
0.0	52.5°	934.5	1455.3	1976.3	2497.0	3017.8	3323.2	3628.8	3934.2	4239.6	4591.0
0.0	55°	948.7	1466.4	1984.4	2502.2	3020.0	3326.8	3633.6	3940.4	4247.2	4619.6
0.0	57.5°	839.9	1353.5	1866.9	2380.5	2893.9	3243.3	3592.4	3941.8	4290.9	4693.6
0.0	60°	714.4	1228.2	1741.8	2255.6	2769.2	3171.7	3574.3	3976.8	4379.2	4756.4
0.0	62.5°	557.3	1085.9	1614.6	2143.1	2671.6	3080.2	3488.8	3897.2	4305.8	4588.8
0.0	65°	415.4	928.6	1441.8	1954.8	2468.0	2795.3	3122.6	3449.6	3776.9	3952.1
0.0	67.5°	300.2	742.9	1185.3	1627.9	2070.3	2304.5	2538.8	2772.8	3007.0	3141.1
	70°	203.0	509.6	816.0	1122.6	1429.1	1621.5	1814.2	2006.7	2199.2	2380.1
	72.5°	140.6	312.8	485.2	657.4	829.6	1023.2	1216.7	1410.4	1603.8	1795.3
	75°	93.3	171.6	250.1	328.5	406.8	550.2	693.7	837.1	980.5	1094.6
	77.5°	66.2	89.7	113.3	136.8	160.3	187.1	214.1	241.0	267.8	308.6
	80°	31.4	34.4	37.4	40.2	43.1	52.9	62.6	72.4	82.1	92.5
	82.5°	14.9	16.1	17.3	18.3	19.5	20.5	21.5	22.5	23.5	22.5
	85°	4.0	4.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.0
	87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.6	1.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049425

CATALOG NUMBER: GALN-SA1A-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
11.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
215.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
456.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
704.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
955.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1156.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1353.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1540.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1757.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2129.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2770.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3741.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4492.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4851.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4942.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4992.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5096.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5133.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4871.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4127.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3275.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2560.8											
1986.8											
1208.7											
349.4											
102.8											
21.3											
3.8											
1.4											
0.0											
0.0											
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REPORT NUMBER: P1049425

CATALOG NUMBER: GALN-SA1A-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
0.0	2.5°	12.9	12.7	12.5	12.3	12.1	11.7	11.7	11.5	11.5
0.0	5°	14.1	13.9	13.7	13.5	13.5	13.3	13.1	13.1	12.9
0.0	7.5°	16.1	15.9	15.7	15.5	15.5	15.3	15.3	15.1	15.1
0.0	10°	18.5	18.5	18.5	18.5	18.5	18.3	18.3	18.3	18.1
0.0	12.5°	23.3	23.5	23.9	24.3	24.9	24.9	24.9	24.7	24.7
0.0	15°	36.8	39.0	40.6	42.2	43.5	46.7	46.3	45.7	45.3
0.0	17.5°	93.1	103.0	108.4	113.5	118.9	133.6	131.2	128.8	126.7
0.0	20°	241.2	267.2	284.5	301.8	319.3	347.0	340.2	333.5	326.7
0.0	22.5°	516.0	575.8	601.9	627.9	653.8	687.2	665.5	643.8	622.4
0.0	25°	781.6	859.4	903.3	947.3	991.0	1010.1	981.9	953.4	925.2
0.0	27.5°	1043.1	1131.0	1169.8	1208.3	1247.1	1287.1	1252.1	1216.9	1181.9
0.0	30°	1252.7	1348.7	1390.7	1432.4	1474.4	1502.2	1466.0	1429.6	1393.5
0.0	32.5°	1458.3	1563.3	1609.2	1655.1	1700.9	1740.8	1696.3	1651.6	1607.0
0.0	35°	1659.7	1779.6	1842.8	1906.1	1969.3	2006.5	1953.6	1900.5	1847.6
0.0	37.5°	1905.5	2053.6	2124.4	2195.2	2266.0	2333.8	2275.5	2217.0	2158.8
0.0	40°	2338.3	2547.3	2655.9	2764.7	2873.2	2960.7	2887.1	2813.6	2740.0
0.0	42.5°	3068.9	3367.1	3523.2	3679.1	3835.2	3971.8	3894.5	3817.1	3739.8
0.0	45°	4138.8	4535.7	4726.0	4916.1	5106.4	5206.2	5094.8	4983.3	4871.9
0.0	47.5°	4887.3	5282.5	5452.0	5621.4	5790.8	5904.7	5768.5	5632.3	5496.3
0.0	50°	5227.7	5603.7	5773.7	5943.5	6113.5	6204.0	6046.7	5889.2	5731.9
0.0	52.5°	5293.5	5644.8	5847.6	6050.7	6253.5	6374.4	6188.6	6002.7	5817.0
0.0	55°	5364.7	5737.1	5972.3	6207.7	6443.0	6610.4	6400.4	6190.2	5980.3
0.0	57.5°	5498.7	5901.3	6136.0	6370.4	6605.0	6747.2	6536.6	6325.8	6115.3
0.0	60°	5510.6	5887.6	6089.2	6291.1	6492.7	6582.1	6380.7	6179.1	5977.7
0.0	62.5°	5154.9	5437.8	5577.8	5717.8	5857.8	5955.0	5744.8	5534.5	5324.3
0.0	65°	4302.7	4477.8	4589.4	4700.9	4812.5	4928.4	4735.9	4543.5	4351.0
0.0	67.5°	3409.3	3543.3	3690.2	3837.2	3984.1	4108.0	3953.9	3799.6	3645.5
	70°	2741.8	2922.5	3087.8	3253.0	3418.2	3519.6	3364.9	3210.0	3055.4
	72.5°	2178.3	2369.8	2507.8	2645.5	2783.5	2808.4	2694.7	2580.9	2467.4
	75°	1322.7	1436.8	1439.6	1442.2	1445.0	1468.6	1374.4	1280.1	1186.1
	77.5°	390.1	430.9	464.5	497.9	531.5	572.1	537.5	502.7	468.1
	80°	112.9	123.3	132.0	140.6	149.3	144.2	136.0	127.9	119.7
	82.5°	20.3	19.1	18.9	18.7	18.7	17.7	16.1	14.5	12.9
	85°	3.6	3.4	3.2	3.0	2.8	2.6	2.2	2.0	1.6
	87.5°	1.2	1.0	0.8	0.6	0.6	0.2	0.2	0.2	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: P1049425

CATALOG NUMBER: GALN-SA1A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049425

CATALOG NUMBER: GALN-SA1A-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°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
0.0	0.0	2.5°	11.3	11.1	11.1	11.1	11.1	10.9	10.9	10.9	10.9
0.0	0.0	5°	12.5	12.5	12.3	12.3	12.1	12.1	11.9	11.9	11.7
0.0	0.0	7.5°	14.7	14.5	14.3	14.1	13.9	13.5	13.3	13.1	13.1
0.0	0.0	10°	17.7	17.3	17.1	16.7	16.5	16.1	15.7	15.3	14.9
0.0	0.0	12.5°	23.3	22.5	21.9	21.1	20.3	19.7	18.9	18.3	17.5
0.0	0.0	15°	40.4	38.4	36.2	33.6	30.8	28.2	25.5	23.9	22.1
0.0	0.0	17.5°	103.2	92.9	82.3	73.8	65.2	56.9	48.3	42.2	36.0
0.0	0.0	20°	262.7	234.0	205.4	177.2	148.7	120.5	92.1	77.7	63.4
0.0	0.0	22.5°	494.3	441.2	387.9	336.4	284.7	233.2	181.7	149.3	117.1
0.0	0.0	25°	762.9	696.1	629.3	544.6	459.7	375.0	290.3	237.6	184.9
0.0	0.0	27.5°	992.8	915.8	838.9	735.9	632.9	529.9	426.9	348.4	270.0
0.0	0.0	30°	1191.8	1109.1	1026.4	906.5	786.6	666.7	546.8	448.6	350.4
0.0	0.0	32.5°	1364.4	1265.4	1166.4	1042.7	919.0	795.4	671.7	551.2	430.7
0.0	0.0	35°	1563.5	1447.9	1332.2	1195.0	1057.6	920.4	783.2	647.2	511.0
0.0	0.0	37.5°	1816.4	1674.6	1532.6	1379.7	1226.8	1074.1	921.2	765.7	610.2
0.0	0.0	40°	2300.6	2117.6	1934.7	1740.4	1546.0	1351.7	1157.4	966.6	775.7
0.0	0.0	42.5°	3168.1	2920.9	2673.8	2415.3	2156.6	1898.1	1639.4	1370.2	1100.8
0.0	0.0	45°	4147.2	3840.6	3533.8	3243.7	2953.3	2663.2	2373.1	2003.7	1634.3
0.0	0.0	47.5°	4697.8	4366.7	4035.6	3761.0	3486.4	3211.8	2937.2	2539.0	2140.7
0.0	0.0	50°	4900.4	4563.3	4226.3	3973.6	3720.7	3467.9	3215.0	2816.1	2417.1
0.0	0.0	52.5°	4943.5	4599.7	4255.9	4001.6	3747.3	3493.2	3238.9	2842.6	2446.3
0.0	0.0	55°	5032.2	4663.4	4294.3	4004.4	3714.5	3424.6	3134.7	2732.0	2329.4
0.0	0.0	57.5°	5148.1	4769.9	4391.7	4061.5	3731.2	3401.1	3070.9	2630.6	2190.4
0.0	0.0	60°	5117.7	4788.6	4459.4	4105.6	3751.7	3398.0	3044.0	2559.8	2075.5
0.0	0.0	62.5°	4589.6	4327.5	4065.3	3774.4	3483.3	3192.4	2901.5	2403.0	1904.5
0.0	0.0	65°	3775.7	3584.5	3393.2	3159.1	2924.9	2690.9	2456.8	2009.9	1563.1
0.0	0.0	67.5°	3060.1	2844.6	2628.8	2442.3	2255.6	2069.1	1882.4	1530.7	1178.9
		70°	2431.2	2196.8	1962.1	1780.0	1597.7	1415.5	1233.4	999.6	765.9
		72.5°	1930.7	1719.4	1508.0	1313.7	1119.3	925.0	730.5	592.3	454.1
		75°	922.8	838.3	753.8	652.2	550.6	449.0	347.4	287.1	227.1
		77.5°	342.0	296.5	250.7	209.4	168.0	126.9	85.5	78.3	71.2
		80°	88.5	77.1	65.6	57.5	49.1	41.0	32.8	29.6	26.6
		82.5°	10.1	9.3	8.7	8.4	7.8	7.4	6.8	6.2	5.6
		85°	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049425
CATALOG NUMBER: GALN-SA1A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049425

CATALOG NUMBER: GALN-SA1A-950-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	11.5	11.5
0.0	0.0	2.5°	10.7	10.5
0.0	0.0	5°	11.3	11.1
0.0	0.0	7.5°	12.5	12.1
0.0	0.0	10°	13.7	13.3
0.0	0.0	12.5°	15.5	14.9
0.0	0.0	15°	17.5	16.3
0.0	0.0	17.5°	20.9	18.3
0.0	0.0	20°	28.2	21.7
0.0	0.0	22.5°	39.8	27.0
0.0	0.0	25°	58.5	37.4
0.0	0.0	27.5°	81.3	49.7
0.0	0.0	30°	108.2	62.2
0.0	0.0	32.5°	131.8	74.2
0.0	0.0	35°	162.6	86.3
0.0	0.0	37.5°	200.6	101.8
0.0	0.0	40°	259.5	125.3
0.0	0.0	42.5°	365.5	168.6
0.0	0.0	45°	593.5	291.5
0.0	0.0	47.5°	913.3	482.2
0.0	0.0	50°	1117.3	615.4
0.0	0.0	52.5°	1134.0	614.4
0.0	0.0	55°	1035.2	546.2
0.0	0.0	57.5°	883.2	456.5
0.0	0.0	60°	734.1	361.1
0.0	0.0	62.5°	578.4	249.3
0.0	0.0	65°	422.7	176.4
0.0	0.0	67.5°	303.6	131.8
		70°	199.6	101.0
		72.5°	130.0	82.3
		75°	87.5	68.2
		77.5°	51.1	45.3
		80°	18.1	15.9
		82.5°	3.4	2.4
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049425

CATALOG NUMBER: GALN-SA1A-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

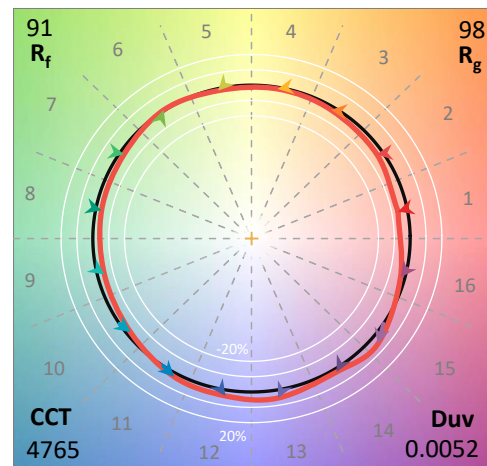
Test Information

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
 Rf: 90.7
 Rg: 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

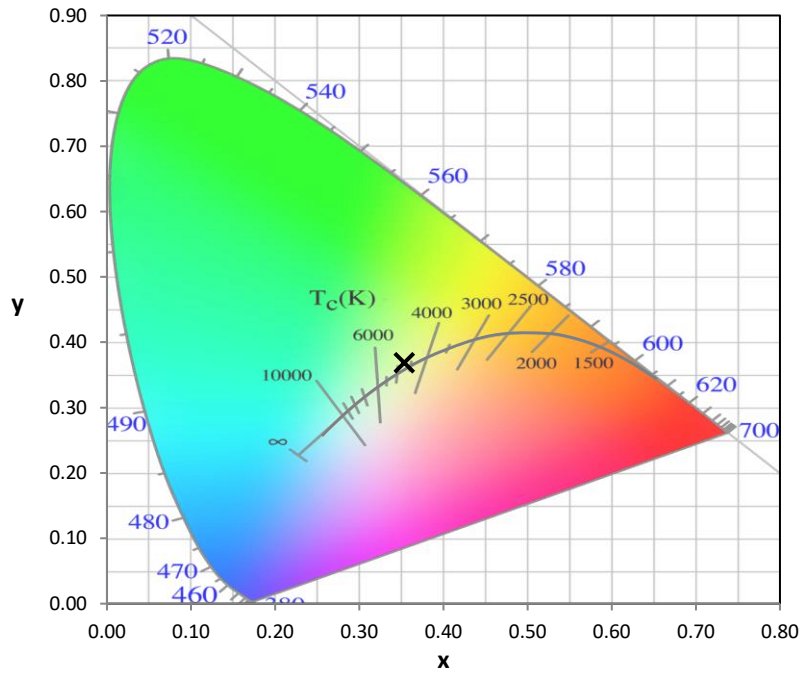
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-17

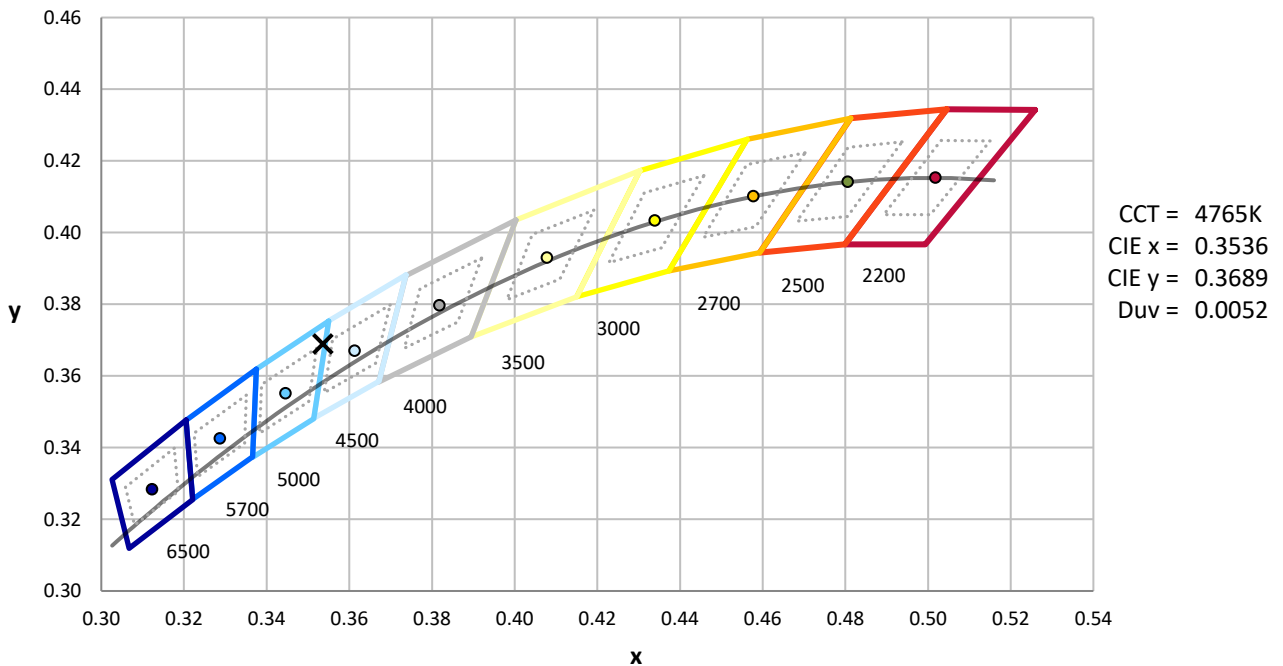
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



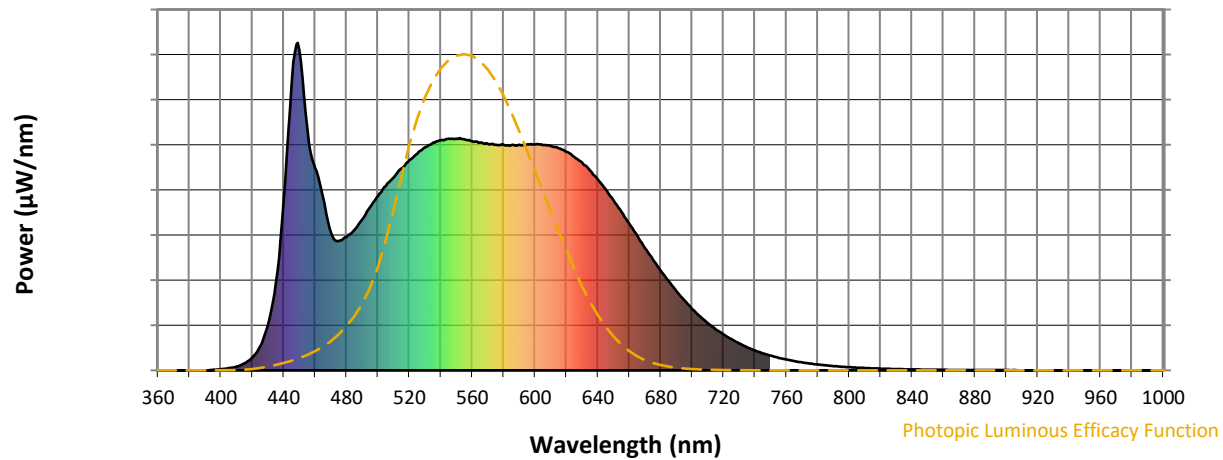
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-17

Photopic Flux vs. Wavelength

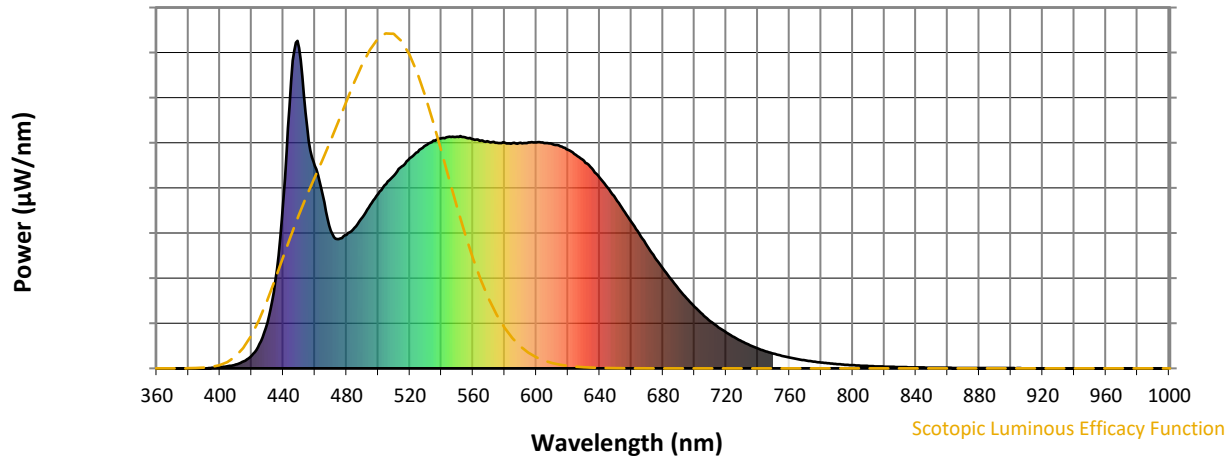


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-17

Scotopic Flux vs. Wavelength



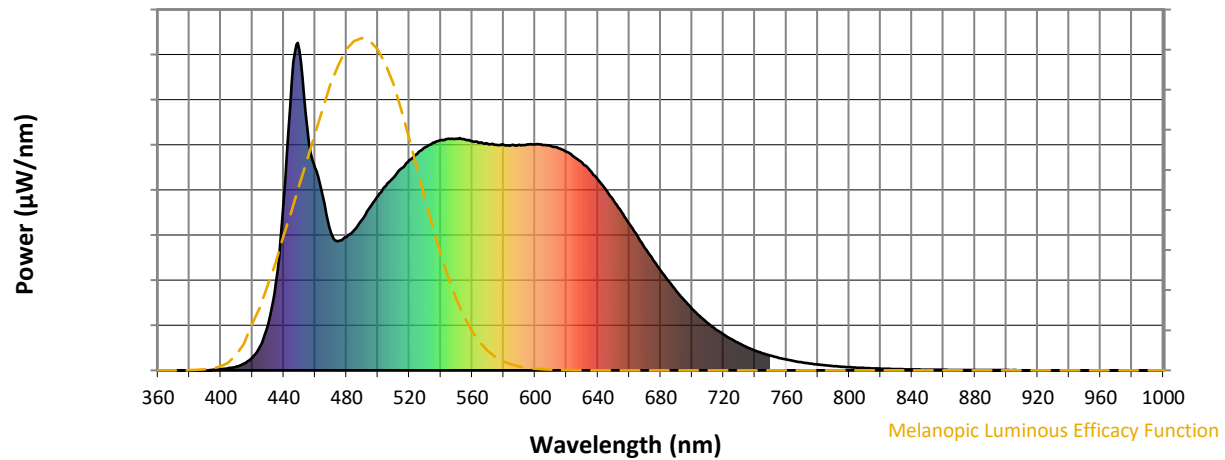
Scotopic Lumens: NR

S/P: 1.99

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

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 4.22

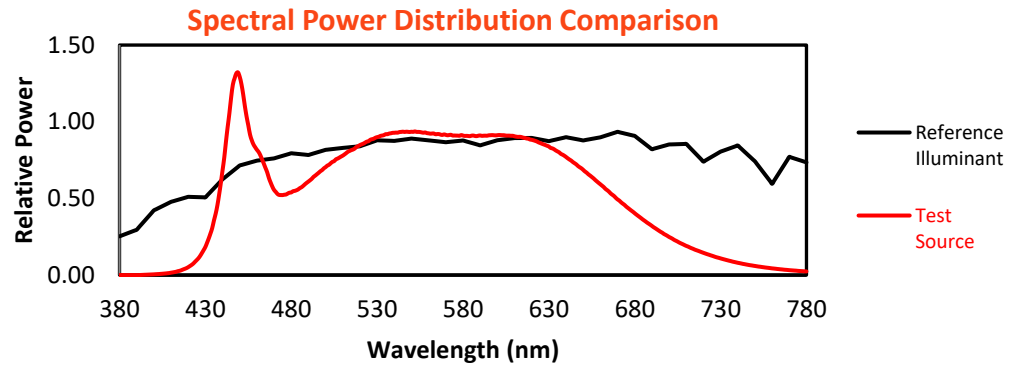
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	462	NR	620	668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

REPORT NUMBER: SP1-2407-184-17

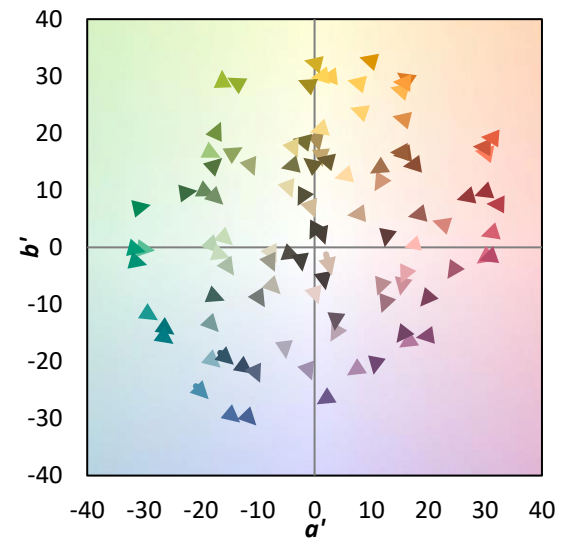
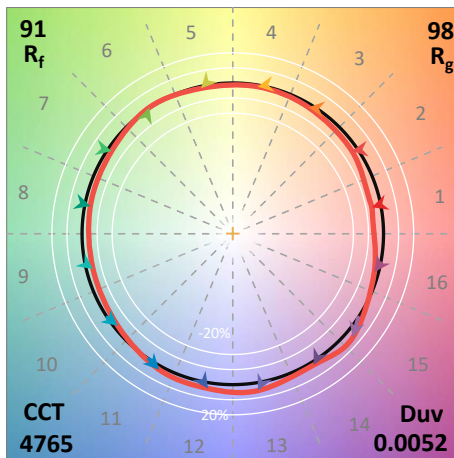
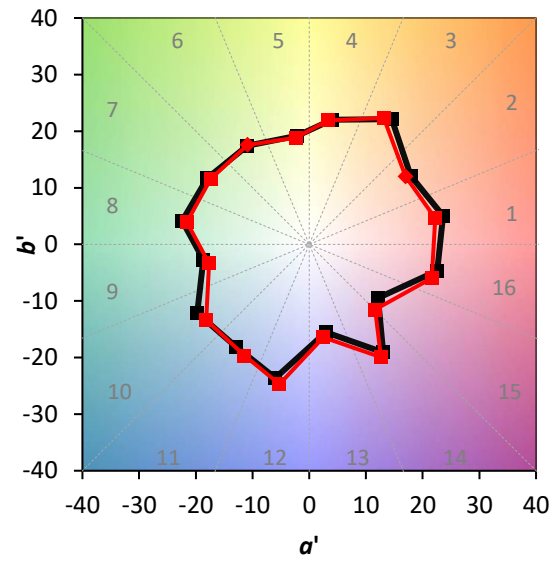
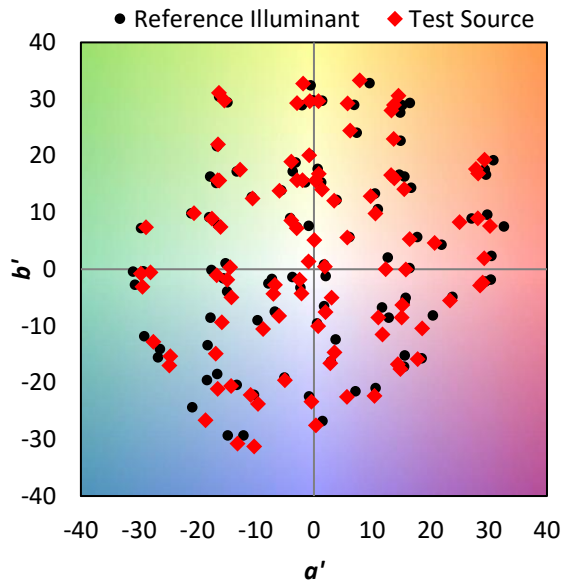
TM-30-18

Summary

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

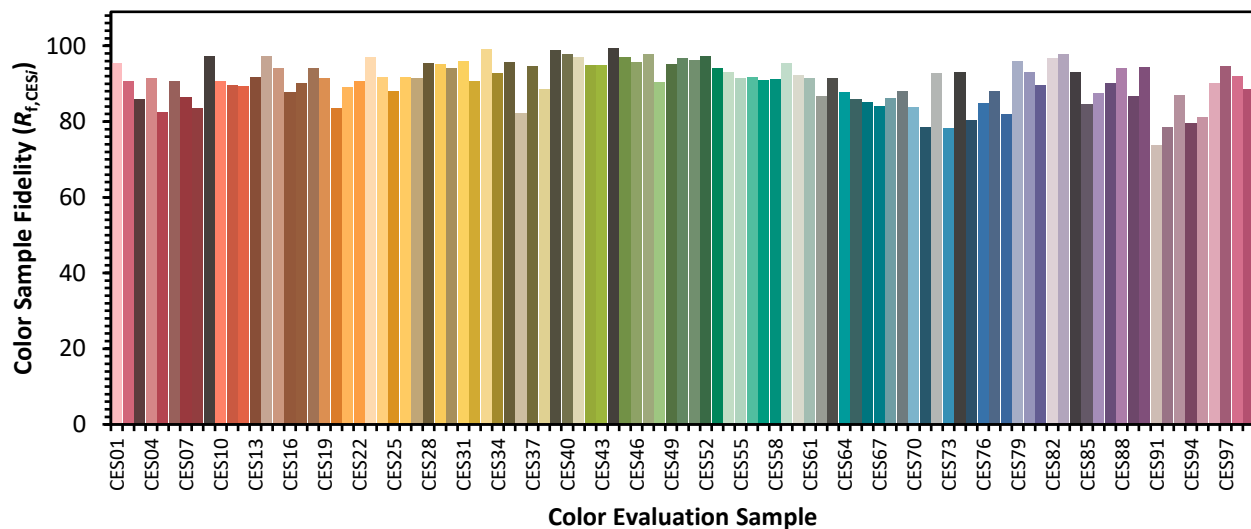


Color Vector Graphics

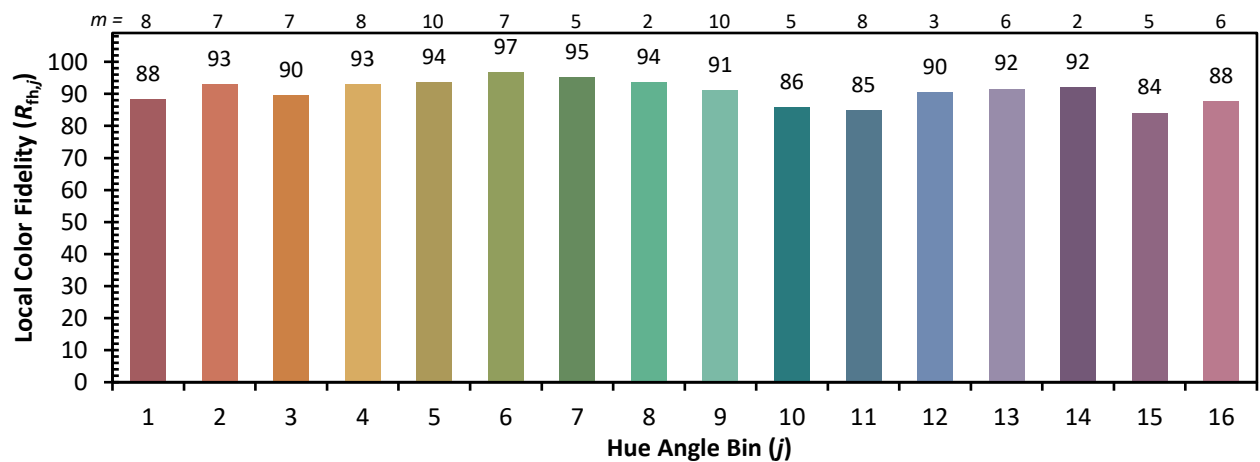
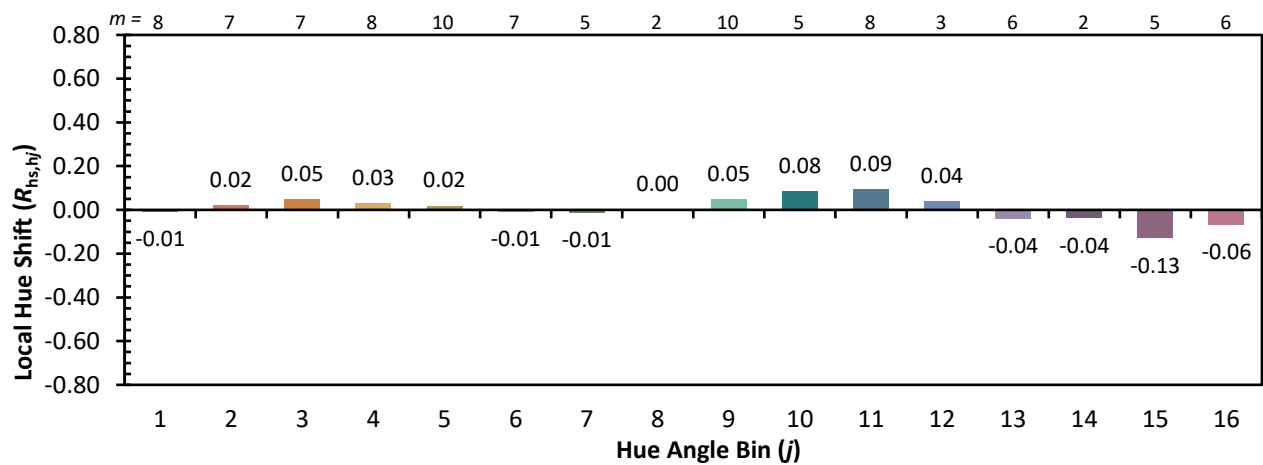
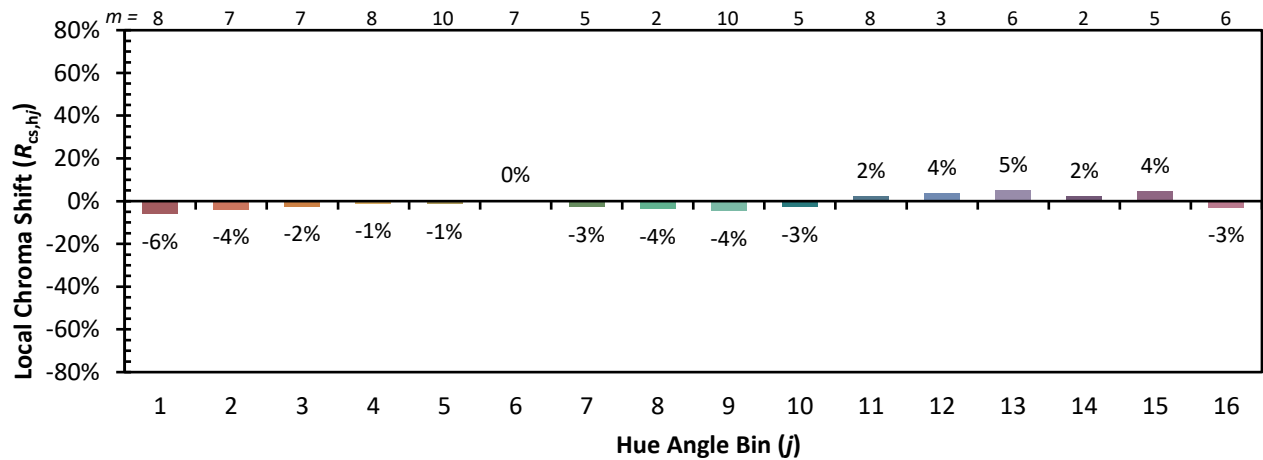


Individual Sample Fidelity Index ($R_{f,i}$)

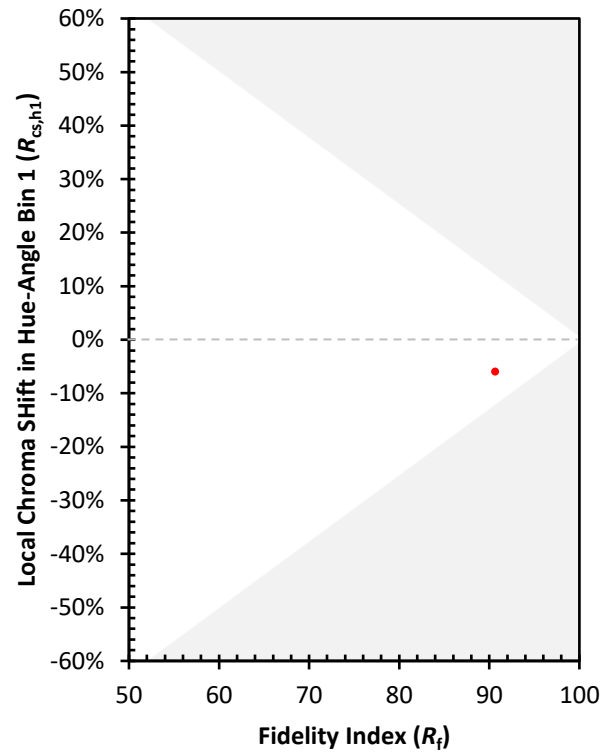
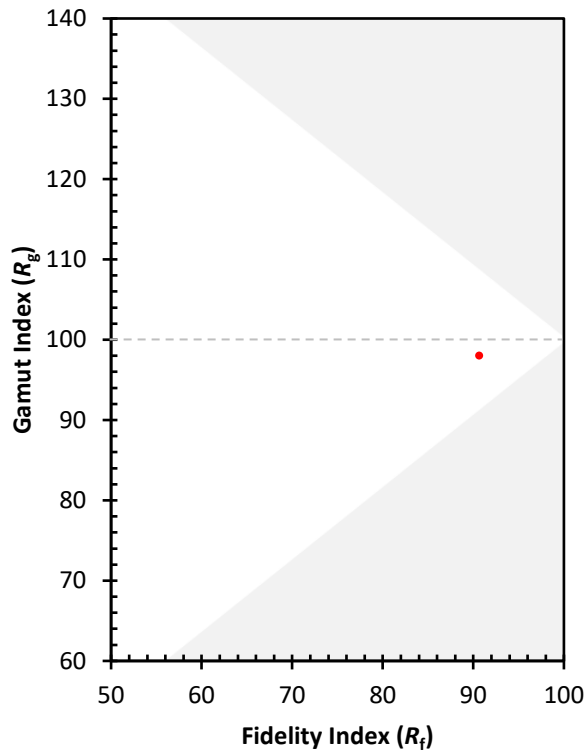
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)