

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: P1049431

Luminaire Tested: **GALN-SA2C-950-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049431
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2C-950-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
90CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8189.5 lumens
Efficiency: N/A
Efficacy: 85.1 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): 96.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

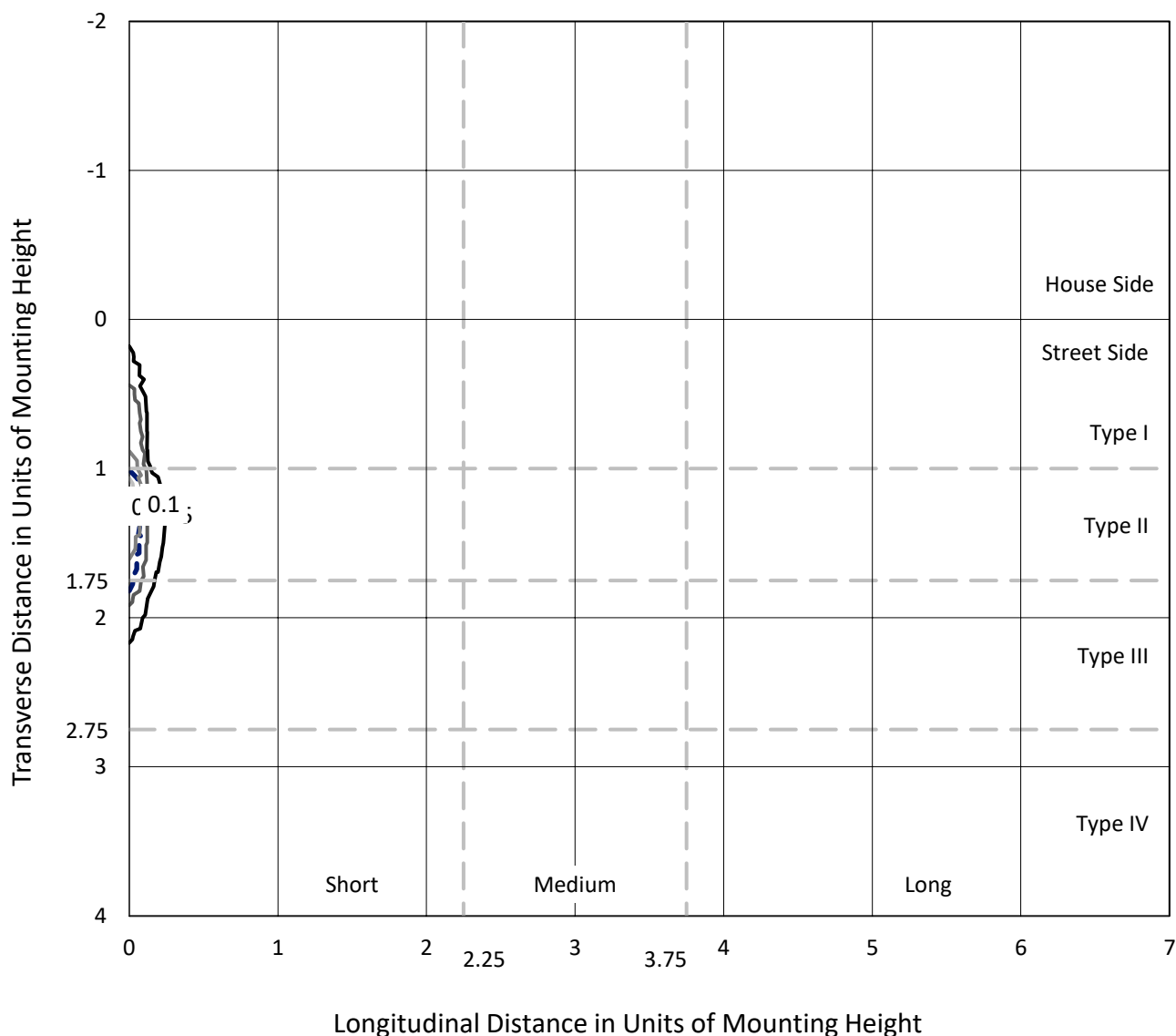
REPORT NUMBER: P1049431

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

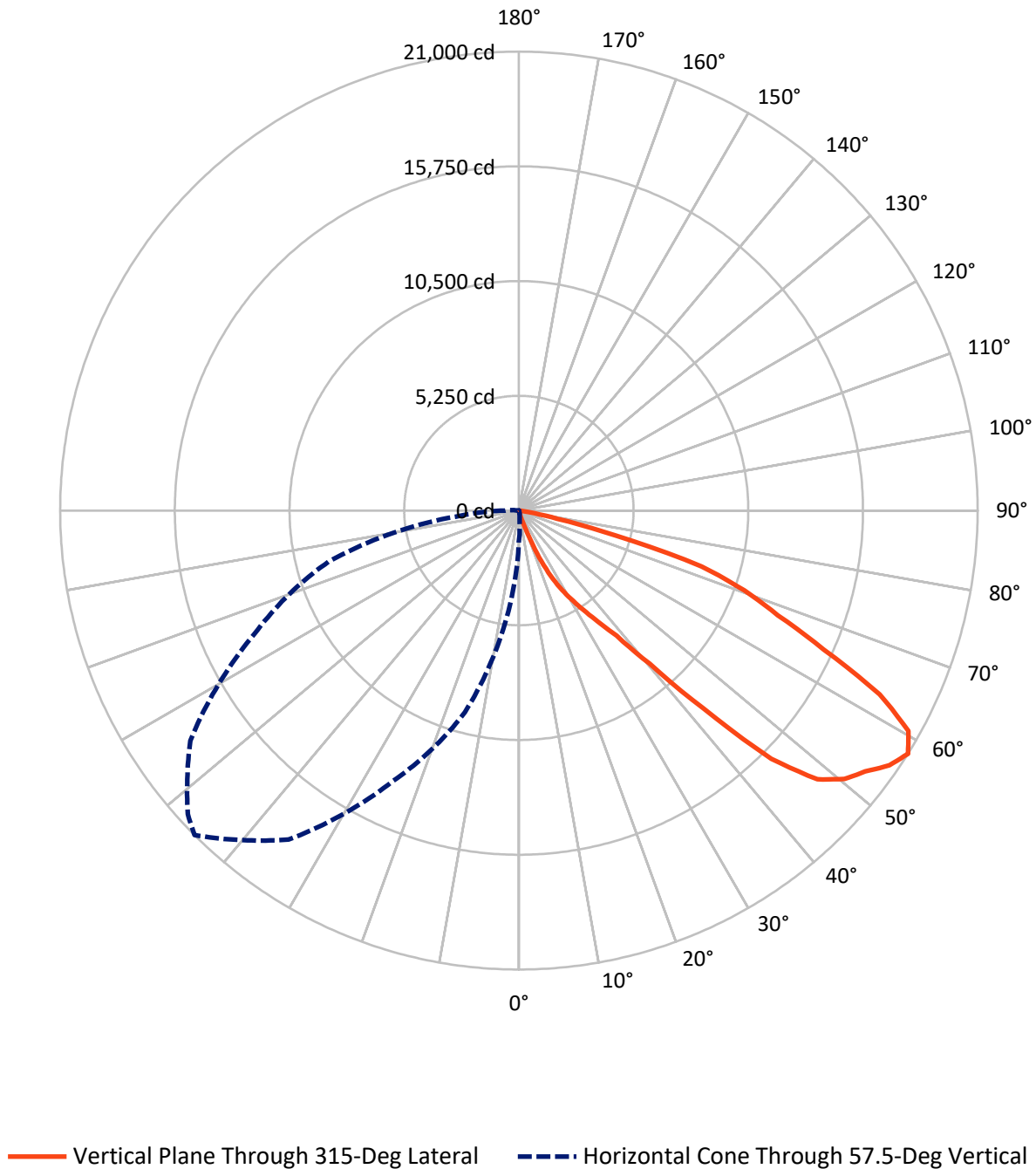


Based on 20 foot mounting height. Maximum calculated value = 1.2 fc

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	41.0	0.0	41.0
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	8148.5	0.0	8148.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	8189.5	0.0	8189.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.2	0.0
10°-20°	18.0	0.2
20°-30°	194.1	2.4
30°-40°	573.9	7.0
40°-50°	1710.5	20.9
50°-60°	2712.2	33.1
60°-70°	2264.0	27.6
70°-80°	698.1	8.5
80°-90°	15.5	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°	8189.5	100.0
0°-180°	8189.5	100.0



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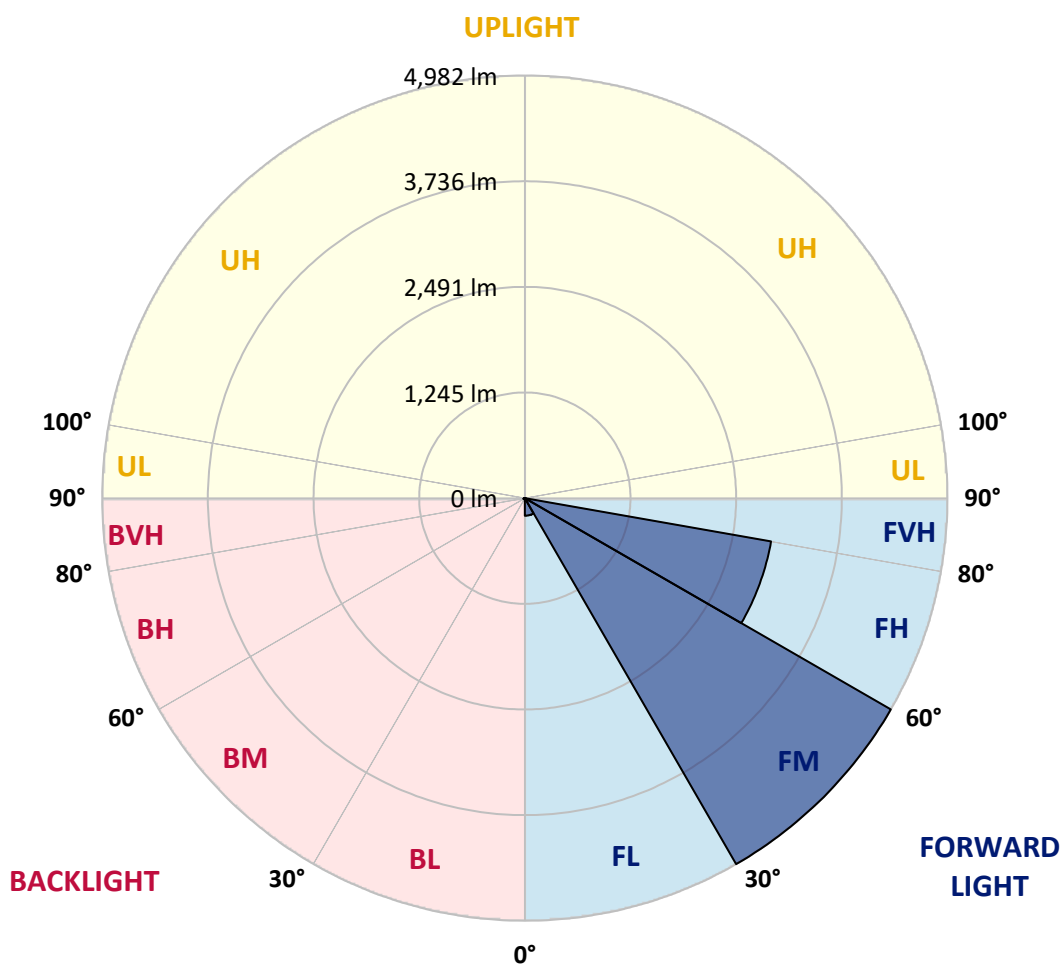
CATALOG NUMBER: GALN-SA2C-950-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	207.8	2.5			
FM	(30°-60°)	4981.9	60.8			
FH	(60°-80°)	2946.8	36.0			G2/5000
FVH	(80°-90°)	12.0	0.1			G1/100
BL	(0°-30°)	7.5	0.1	B0/110		
BM	(30°-60°)	14.7	0.2	B0/220		
BH	(60°-80°)	15.3	0.2	B0/110		G0/110
BVH	(80°-90°)	3.5	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°	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
2.5°	32.8	32.8	32.8	32.8	32.2	32.2	31.6	31.6	30.9	30.9
5°	34.7	34.7	34.0	33.4	33.4	32.8	32.2	31.6	31.6	30.9
7.5°	37.8	37.1	36.5	35.9	34.7	34.0	32.8	32.2	31.6	30.3
10°	41.5	40.2	39.0	37.8	36.5	35.3	34.0	33.4	32.2	31.6
12.5°	46.4	44.6	42.1	40.2	39.0	37.1	35.9	34.7	32.8	31.6
15°	50.7	48.3	45.2	42.7	40.8	38.4	36.5	34.7	33.4	31.6
17.5°	56.9	52.6	47.7	44.6	42.1	39.0	35.9	34.0	32.2	29.7
20°	67.5	58.8	49.5	45.8	42.1	38.4	34.7	32.2	30.3	27.8
22.5°	84.2	69.3	54.5	48.9	43.9	38.4	33.4	30.9	28.5	26.0
25°	116.3	89.7	63.1	55.7	48.3	40.8	33.4	30.3	27.8	24.8
27.5°	154.7	115.1	74.9	64.4	54.5	43.9	33.4	29.7	26.6	22.9
30°	193.7	141.1	87.9	74.3	60.6	47.0	33.4	29.1	25.4	21.0
32.5°	230.8	165.2	99.0	82.9	66.8	50.1	34.0	29.1	24.1	19.2
35°	268.6	185.0	100.9	84.2	67.5	50.1	33.4	27.8	22.9	17.3
37.5°	316.9	207.3	97.2	80.5	64.4	47.7	31.6	26.6	21.7	16.1
40°	389.9	244.5	99.0	81.7	64.4	47.0	29.7	24.8	20.4	15.5
42.5°	524.8	316.2	107.1	87.3	67.5	47.0	27.2	22.9	19.2	14.9
45°	907.3	525.4	143.6	113.9	84.2	54.5	24.8	21.0	17.9	14.2
47.5°	1500.8	879.4	258.1	199.3	141.1	82.3	24.1	21.0	17.9	14.2
50°	1915.4	1120.2	324.9	250.0	175.1	100.3	25.4	21.7	18.6	14.9
52.5°	1912.3	1137.5	362.0	277.9	194.3	110.2	26.6	22.9	19.8	16.1
55°	1700.0	1034.8	368.8	283.4	198.7	113.3	28.5	24.8	21.0	17.3
57.5°	1420.9	878.8	336.7	260.5	185.0	108.9	32.8	28.5	24.8	20.4
60°	1123.9	693.1	262.4	207.3	152.9	97.8	43.3	37.8	32.8	27.2
62.5°	776.1	502.5	229.0	183.8	139.2	94.1	49.5	43.9	39.0	33.4
65°	548.9	378.1	206.7	168.3	130.6	92.2	53.8	47.7	42.1	35.9
67.5°	410.3	300.8	190.6	157.8	125.0	92.2	59.4	52.0	45.2	37.8
70°	314.4	246.9	178.9	152.2	126.3	99.6	73.0	62.5	52.6	42.1
72.5°	256.2	211.0	165.2	146.1	126.9	107.7	88.5	74.9	61.3	47.0
75°	212.3	180.7	149.1	133.1	117.6	101.5	85.4	73.0	61.3	48.9
77.5°	141.1	128.7	115.7	106.4	97.2	87.3	78.0	67.5	57.6	47.0
80°	49.5	47.7	45.8	49.5	53.2	56.9	60.6	53.2	46.4	39.0
82.5°	7.4	6.8	6.2	6.8	7.4	8.0	8.7	9.3	9.9	10.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]



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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
0.0	2.5°	30.3	30.3	29.7	29.7	29.7	29.1	29.1	28.5	28.5	28.5
0.0	5°	29.7	29.7	29.1	28.5	27.8	27.8	27.2	26.6	26.6	26.0
0.0	7.5°	29.1	28.5	27.8	27.2	26.6	26.0	25.4	24.8	24.8	24.1
0.0	10°	29.7	28.5	27.8	26.6	26.0	25.4	24.1	23.5	22.9	22.9
0.0	12.5°	28.5	27.8	26.6	25.4	24.8	23.5	22.9	21.7	21.0	21.0
0.0	15°	28.5	27.2	25.4	24.1	22.9	22.3	21.0	19.8	19.2	18.6
0.0	17.5°	26.6	25.4	23.5	22.3	21.0	19.8	18.6	17.3	16.7	16.1
0.0	20°	24.1	22.9	21.0	19.2	17.9	16.7	15.5	14.2	13.6	13.0
0.0	22.5°	21.7	20.4	18.6	16.7	15.5	14.2	12.4	11.1	10.5	9.3
0.0	25°	20.4	18.6	16.7	14.9	13.0	11.8	9.9	8.0	6.8	5.6
0.0	27.5°	17.3	15.5	13.6	11.8	9.9	8.0	6.2	4.3	3.1	2.5
0.0	30°	14.9	13.0	11.1	9.3	6.8	5.0	3.1	0.6	0.6	0.6
0.0	32.5°	12.4	10.5	8.0	6.2	5.0	3.1	1.9	0.0	0.0	0.0
0.0	35°	9.9	8.0	5.6	3.7	3.1	1.9	1.2	0.0	0.0	0.0
0.0	37.5°	8.7	6.8	4.3	1.9	1.2	1.2	0.6	0.0	0.0	0.0
0.0	40°	8.0	5.6	3.1	0.6	0.6	0.6	0.0	0.0	0.0	0.0
0.0	42.5°	8.0	5.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	8.0	5.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	8.0	5.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	8.7	6.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	9.9	7.4	5.0	2.5	1.9	1.2	0.6	0.0	0.0	0.0
0.0	55°	12.4	11.1	9.3	8.0	6.2	4.3	1.9	0.0	0.0	0.0
0.0	57.5°	16.1	16.1	15.5	14.9	11.1	7.4	3.7	0.0	0.0	0.0
0.0	60°	21.7	21.7	21.7	21.7	16.1	11.1	5.6	0.0	0.0	0.0
0.0	62.5°	26.6	25.4	23.5	22.3	16.7	11.1	5.6	0.0	0.0	0.0
0.0	65°	26.6	24.1	21.0	17.9	13.6	9.3	4.3	0.0	0.0	0.0
0.0	67.5°	24.8	19.8	14.2	9.3	6.8	5.0	2.5	0.0	0.0	0.0
	70°	24.8	17.3	9.9	2.5	1.9	1.2	0.6	0.0	0.0	0.0
	72.5°	24.8	16.7	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	27.2	18.6	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	27.2	18.6	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	24.1	16.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	8.0	5.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
0.0	2.5°	27.8	27.8	27.8	27.2	27.2	27.2	27.2	26.6	26.6	26.6
0.0	5°	25.4	25.4	24.8	24.8	24.1	24.1	23.5	23.5	22.9	22.9
0.0	7.5°	23.5	22.9	22.9	22.3	21.7	21.7	21.0	21.0	20.4	19.8
0.0	10°	21.7	21.0	21.0	20.4	19.8	19.2	19.2	18.6	17.9	17.3
0.0	12.5°	19.8	19.2	18.6	17.9	17.3	16.7	16.7	16.1	15.5	14.9
0.0	15°	17.3	16.7	16.1	15.5	14.9	14.2	14.2	13.6	13.0	12.4
0.0	17.5°	14.9	14.2	14.2	13.6	13.0	12.4	11.8	10.5	9.9	9.3
0.0	20°	11.1	10.5	9.9	9.3	8.7	7.4	6.8	5.6	4.3	3.7
0.0	22.5°	7.4	6.2	5.6	4.3	3.1	2.5	1.9	0.6	0.0	0.0
0.0	25°	2.5	1.9	1.2	0.6	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: P1049431

CATALOG NUMBER: GALN-SA2C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049431

CATALOG NUMBER: GALN-SA2C-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°	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
0.0	2.5°	26.0	26.0	26.0	25.4	25.4	25.4	25.4	25.4	25.4	25.4
0.0	5°	22.3	22.3	22.3	21.7	21.7	21.0	21.0	21.0	20.4	20.4
0.0	7.5°	19.2	18.6	18.6	17.9	17.9	17.3	17.3	17.3	16.7	16.7
0.0	10°	16.1	15.5	15.5	14.9	14.9	14.2	14.2	13.6	13.6	13.0
0.0	12.5°	14.2	13.6	13.0	12.4	12.4	11.8	11.1	11.1	10.5	9.9
0.0	15°	11.1	10.5	9.9	9.3	8.7	8.0	7.4	7.4	6.8	6.2
0.0	17.5°	7.4	6.2	5.6	5.0	5.0	4.3	3.7	3.1	2.5	1.9
0.0	20°	1.9	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049431

CATALOG NUMBER: GALN-SA2C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049431

CATALOG NUMBER: GALN-SA2C-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°	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
0.0	2.5°	25.4	24.8	24.8	24.8	25.4	25.4	25.4	25.4	25.4	25.4
0.0	5°	20.4	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
0.0	7.5°	16.7	16.1	16.1	16.1	16.1	15.5	15.5	15.5	15.5	15.5
0.0	10°	13.0	12.4	12.4	12.4	12.4	11.8	11.8	11.8	11.8	11.8
0.0	12.5°	9.3	9.3	8.7	8.7	8.7	8.0	8.0	8.0	8.0	7.4
0.0	15°	5.6	5.0	4.3	4.3	4.3	3.7	3.7	3.7	3.7	3.1
0.0	17.5°	1.2	1.2	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049431

CATALOG NUMBER: GALN-SA2C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049431

CATALOG NUMBER: GALN-SA2C-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°	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
0.0	2.5°	26.0	26.0	26.6	26.6	27.2	28.5	29.1	29.7	30.9	32.2
0.0	5°	20.4	21.0	21.0	21.7	22.3	22.9	23.5	24.1	25.4	26.6
0.0	7.5°	16.1	16.1	16.7	16.7	17.3	18.6	19.2	19.8	21.0	22.9
0.0	10°	12.4	12.4	13.0	13.0	13.6	14.9	15.5	16.1	17.3	19.2
0.0	12.5°	8.0	8.7	8.7	9.3	9.9	11.1	11.8	12.4	13.6	14.9
0.0	15°	3.7	4.3	4.3	5.0	5.6	6.8	7.4	8.0	9.3	11.1
0.0	17.5°	0.6	0.6	1.2	1.2	1.9	2.5	3.1	3.7	5.6	6.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.5
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
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-SA2C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049431

CATALOG NUMBER: GALN-SA2C-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°	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
0.0	2.5°	34.0	35.3	36.5	37.8	39.0	40.2	40.8	42.1	42.7	43.3
0.0	5°	29.1	30.3	32.2	33.4	34.7	35.9	37.1	37.8	38.4	39.0
0.0	7.5°	25.4	26.6	28.5	29.7	30.9	32.2	33.4	34.7	35.3	35.9
0.0	10°	21.7	23.5	24.8	26.6	27.8	29.1	30.3	31.6	32.8	33.4
0.0	12.5°	17.3	19.2	21.0	22.3	24.1	26.0	27.2	28.5	29.7	30.9
0.0	15°	13.6	15.5	17.3	18.6	20.4	22.3	24.1	25.4	26.6	27.8
0.0	17.5°	9.9	11.8	13.6	14.9	16.7	18.6	19.8	21.7	22.9	24.1
0.0	20°	5.0	6.8	8.7	10.5	12.4	14.2	15.5	17.3	18.6	19.8
0.0	22.5°	0.6	2.5	4.3	5.6	7.4	9.3	10.5	12.4	13.6	14.9
0.0	25°	0.0	0.6	1.9	2.5	3.1	4.3	5.6	6.8	8.0	9.3
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.6	1.2	2.5	3.7	5.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
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	0.6
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	1.2
	85°	0.0	0.0	0.0	0.0	0.0	1.2	1.9	3.1	3.7	4.3
	87.5°	0.0	0.6	1.2	1.9	2.5	3.7	5.0	6.2	6.8	7.4
	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

CATALOG NUMBER: GALN-SA2C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049431

CATALOG NUMBER: GALN-SA2C-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°	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
0.0	2.5°	43.9	43.9	43.9	43.9	43.3	43.3	43.3	42.7	42.7	42.1
0.0	5°	40.2	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.2	40.2
0.0	7.5°	37.1	37.8	38.4	38.4	39.0	39.0	39.0	38.4	38.4	37.8
0.0	10°	35.3	35.9	35.9	36.5	36.5	36.5	36.5	36.5	36.5	36.5
0.0	12.5°	32.8	33.4	34.0	34.0	34.7	34.7	34.7	34.7	34.0	34.0
0.0	15°	29.7	30.9	31.6	32.2	32.2	32.8	32.8	32.8	32.8	32.8
0.0	17.5°	27.2	28.5	29.1	29.7	29.7	30.3	30.3	30.9	30.9	30.9
0.0	20°	22.3	23.5	24.1	25.4	26.0	26.6	27.2	27.8	27.8	28.5
0.0	22.5°	17.3	18.6	19.2	20.4	21.0	21.7	22.3	22.9	23.5	24.1
0.0	25°	12.4	13.6	14.2	15.5	16.1	16.7	17.3	17.9	17.9	18.6
0.0	27.5°	6.8	8.0	9.3	9.9	11.1	11.8	12.4	13.0	13.6	14.2
0.0	30°	3.1	3.7	4.3	5.6	6.2	6.8	7.4	8.7	9.3	9.9
0.0	32.5°	0.0	0.0	0.6	1.9	2.5	3.1	3.7	4.3	4.3	5.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.9	2.5
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°	1.2	1.2	1.2	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	82.5°	3.1	3.7	4.3	4.3	5.0	5.0	5.0	5.0	4.3	4.3
	85°	6.2	6.8	7.4	7.4	8.0	8.0	8.0	8.0	8.0	8.0
	87.5°	8.7	9.3	9.9	9.9	10.5	10.5	10.5	10.5	10.5	10.5
	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: P1049431

CATALOG NUMBER: GALN-SA2C-950-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
35.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	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											
1.9											
4.3											
8.0											
10.5											
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REPORT NUMBER: P1049431

CATALOG NUMBER: GALN-SA2C-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°	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
0.0	2.5°	41.5	41.5	40.8	40.8	40.8	40.8	40.8	41.5	42.1	42.1
0.0	5°	39.6	39.6	39.0	39.0	39.0	39.6	39.6	40.2	40.8	41.5
0.0	7.5°	37.8	37.1	37.1	37.8	37.8	38.4	38.4	39.0	39.6	40.2
0.0	10°	36.5	35.9	35.9	35.9	36.5	36.5	37.1	37.8	38.4	39.0
0.0	12.5°	34.0	34.0	34.0	34.0	34.7	34.7	35.3	35.9	37.1	37.8
0.0	15°	32.8	32.2	32.2	32.2	32.2	32.8	32.8	34.0	35.3	35.9
0.0	17.5°	30.3	30.3	29.7	29.7	30.3	30.3	30.9	32.2	33.4	34.0
0.0	20°	27.8	27.2	26.6	26.6	27.2	27.2	27.8	29.1	30.3	30.9
0.0	22.5°	24.1	23.5	23.5	23.5	23.5	24.1	24.1	25.4	27.2	28.5
0.0	25°	19.2	19.8	19.8	20.4	20.4	21.0	21.7	22.9	24.8	26.0
0.0	27.5°	14.9	15.5	15.5	16.7	17.3	17.9	18.6	20.4	22.3	23.5
0.0	30°	11.1	11.8	12.4	13.0	14.2	15.5	16.7	18.6	20.4	21.7
0.0	32.5°	6.8	8.0	8.7	9.9	11.1	12.4	13.6	15.5	17.9	19.8
0.0	35°	5.0	5.6	6.8	7.4	8.7	9.9	11.1	13.6	15.5	17.9
0.0	37.5°	2.5	3.7	5.0	6.2	7.4	8.7	9.9	12.4	14.9	16.7
0.0	40°	1.9	3.1	3.7	5.0	6.8	8.0	9.3	11.8	14.2	16.7
0.0	42.5°	1.2	1.9	2.5	4.3	5.6	7.4	9.3	11.8	14.2	16.7
0.0	45°	1.2	1.2	1.9	3.7	5.6	8.0	9.9	12.4	14.2	16.7
0.0	47.5°	1.2	1.9	2.5	5.0	6.2	8.0	9.9	11.8	14.2	16.1
0.0	50°	1.9	2.5	3.1	5.6	6.8	8.7	9.9	12.4	14.2	16.7
0.0	52.5°	1.2	1.9	2.5	5.0	6.8	9.3	11.1	13.6	16.1	17.9
0.0	55°	0.6	0.6	0.6	3.7	7.4	10.5	14.2	16.1	18.6	20.4
0.0	57.5°	0.0	0.0	0.0	2.5	7.4	11.8	16.1	18.6	21.0	22.9
0.0	60°	0.0	0.0	0.0	2.5	7.4	11.8	16.1	19.2	22.3	25.4
0.0	62.5°	0.0	0.0	0.0	2.5	6.2	9.9	13.6	18.6	24.1	29.1
0.0	65°	0.0	0.0	0.0	1.9	5.0	8.0	11.1	18.6	26.0	32.8
0.0	67.5°	0.0	0.0	0.0	1.9	5.0	7.4	10.5	18.6	26.0	34.0
	70°	0.0	0.0	0.0	1.9	5.0	8.0	11.1	18.6	26.0	33.4
	72.5°	0.0	0.0	0.0	1.9	5.6	8.7	12.4	18.6	24.8	30.9
	75°	0.0	0.0	0.0	2.5	5.6	9.3	13.0	18.6	24.1	29.1
	77.5°	0.0	0.0	0.0	1.9	5.6	8.7	12.4	17.9	23.5	28.5
	80°	1.9	1.2	1.2	3.1	5.6	8.0	10.5	16.1	22.3	27.8
	82.5°	3.7	3.7	3.1	4.3	5.6	7.4	9.3	14.2	19.8	24.8
	85°	7.4	7.4	6.8	7.4	7.4	8.0	8.7	11.1	13.6	16.1
	87.5°	9.9	9.9	9.3	9.3	9.3	8.7	8.7	8.7	8.7	8.0
	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: P1049431

CATALOG NUMBER: GALN-SA2C-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
35.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.8											
37.1											
34.7											
34.0											
33.4											
29.7											
18.6											
8.0											
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REPORT NUMBER: P1049431

CATALOG NUMBER: GALN-SA2C-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°	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
0.0	2.5°	43.3	43.9	43.9	44.6	45.2	45.8	45.8	46.4	46.4	46.4
0.0	5°	42.7	43.9	44.6	45.2	45.8	46.4	47.0	47.7	48.3	48.3
0.0	7.5°	42.1	42.7	43.9	44.6	45.8	46.4	47.7	48.3	48.9	49.5
0.0	10°	40.8	42.1	43.3	44.6	45.8	47.0	48.3	49.5	50.7	51.4
0.0	12.5°	39.6	41.5	42.7	43.9	45.8	47.7	48.9	50.7	52.0	53.2
0.0	15°	39.0	40.2	42.1	43.3	45.8	48.3	50.1	52.6	55.1	56.9
0.0	17.5°	37.1	39.6	41.5	43.3	45.8	48.9	51.4	53.8	57.6	61.3
0.0	20°	34.7	36.5	39.0	40.8	44.6	47.7	51.4	54.5	60.0	65.6
0.0	22.5°	32.2	34.7	36.5	39.0	43.3	47.0	51.4	55.1	64.4	73.0
0.0	25°	29.7	32.8	35.3	37.8	42.7	47.7	52.6	57.6	73.0	88.5
0.0	27.5°	28.5	30.9	34.0	36.5	42.7	49.5	55.7	61.9	86.6	110.8
0.0	30°	26.6	29.7	32.2	35.3	43.3	51.4	59.4	67.5	105.2	143.0
0.0	32.5°	24.8	27.8	30.9	34.0	44.6	55.1	65.0	75.5	125.0	173.9
0.0	35°	22.9	26.6	29.7	32.8	46.4	60.6	74.3	87.9	143.0	197.4
0.0	37.5°	22.3	26.0	29.1	32.2	47.0	61.3	76.1	90.4	144.8	199.3
0.0	40°	22.9	26.0	29.7	32.8	45.2	57.6	69.3	81.7	138.6	194.9
0.0	42.5°	22.9	26.6	30.3	34.0	43.9	53.8	63.7	73.6	136.8	199.9
0.0	45°	22.3	26.0	29.7	33.4	42.7	51.4	60.6	69.3	147.9	225.9
0.0	47.5°	21.7	25.4	29.1	32.8	42.1	51.4	60.6	69.9	191.2	311.9
0.0	50°	21.7	25.4	28.5	31.6	42.7	54.5	65.6	76.7	278.5	479.6
0.0	52.5°	22.9	26.0	28.5	30.9	43.9	57.6	70.6	83.5	354.0	623.8
0.0	55°	24.8	26.6	29.1	30.9	47.0	62.5	78.6	94.1	376.9	659.7
0.0	57.5°	27.2	29.1	30.9	32.8	52.6	72.4	91.6	111.4	378.8	645.5
0.0	60°	30.3	32.8	34.7	36.5	57.6	79.2	100.3	121.3	342.9	563.8
0.0	62.5°	37.1	40.2	42.7	45.8	66.2	86.0	106.4	126.3	284.7	443.1
0.0	65°	42.7	45.2	47.7	50.1	69.9	90.4	110.2	130.0	241.4	352.8
0.0	67.5°	43.9	46.4	48.3	50.7	71.2	91.6	111.4	131.8	206.7	281.0
	70°	44.6	47.7	51.4	54.5	75.5	96.5	117.0	138.0	183.2	228.4
	72.5°	42.7	48.9	54.5	60.0	79.8	99.0	118.8	138.0	170.2	202.4
	75°	42.7	51.4	59.4	67.5	82.3	96.5	111.4	125.6	150.4	175.1
	77.5°	45.2	56.3	67.5	78.6	87.3	95.3	104.0	112.0	128.1	144.2
	80°	45.2	56.9	68.1	79.8	83.5	87.9	91.6	95.3	97.2	99.0
	82.5°	39.0	48.3	57.6	66.8	62.5	58.2	53.8	49.5	46.4	42.7
	85°	19.8	21.7	22.9	24.1	22.3	20.4	18.6	16.7	15.5	13.6
	87.5°	8.0	8.0	7.4	7.4	7.4	7.4	6.8	6.8	6.8	6.8
	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: P1049431

CATALOG NUMBER: GALN-SA2C-950-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
35.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
248.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
310.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
352.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
383.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
415.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
477.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
915.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1403.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1766.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1806.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1630.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1393.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1089.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
823.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
607.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
430.1											
320.0											
232.7											
175.1											
98.4											
44.6											
13.0											
6.2											
0.0											
0.0											
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REPORT NUMBER: P1049431

CATALOG NUMBER: GALN-SA2C-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°	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
0.0	2.5°	46.4	45.8	45.8	45.2	44.6	43.9	43.3	42.7	42.1	41.5
0.0	5°	48.3	48.3	48.3	47.7	47.7	47.0	47.0	46.4	45.8	45.2
0.0	7.5°	50.1	50.7	50.7	51.4	51.4	51.4	51.4	50.7	50.7	50.7
0.0	10°	53.2	53.8	54.5	55.1	55.7	56.3	56.3	56.9	56.9	56.9
0.0	12.5°	56.9	58.8	60.0	61.9	63.1	65.0	66.2	68.1	69.3	70.6
0.0	15°	62.5	65.6	69.3	72.4	75.5	79.8	84.8	89.1	93.5	100.3
0.0	17.5°	70.6	80.5	90.4	99.6	109.5	131.2	152.9	173.9	195.6	227.1
0.0	20°	86.0	115.7	144.8	174.5	203.6	279.7	355.2	431.4	506.9	587.9
0.0	22.5°	120.7	193.7	266.7	339.8	412.8	571.8	730.3	889.3	1047.8	1234.0
0.0	25°	175.1	309.4	443.7	577.4	711.7	960.5	1209.9	1458.7	1707.5	1949.5
0.0	27.5°	255.0	460.4	665.9	870.8	1076.2	1413.5	1751.4	2088.7	2426.0	2699.5
0.0	30°	353.4	631.9	910.4	1188.9	1467.4	1851.1	2234.8	2617.8	3001.5	3300.5
0.0	32.5°	446.2	787.2	1128.2	1468.6	1809.6	2246.5	2684.1	3121.0	3557.9	3884.7
0.0	35°	506.9	919.0	1331.8	1744.0	2156.2	2629.0	3101.8	3574.0	4046.8	4420.0
0.0	37.5°	567.5	1043.4	1518.7	1994.6	2469.9	2989.2	3508.4	4027.6	4546.9	5007.9
0.0	40°	635.6	1193.8	1751.4	2309.6	2867.2	3482.4	4096.9	4712.1	5326.7	5977.1
0.0	42.5°	753.8	1443.2	2133.3	2822.7	3512.1	4325.9	5139.8	5953.0	6766.8	7695.1
0.0	45°	976.0	1947.6	2919.8	3891.5	4863.1	5941.2	7019.9	8098.0	9176.0	10411.3
0.0	47.5°	1520.0	2856.7	4192.9	5529.6	6865.8	8029.9	9193.4	10357.5	11521.0	12751.3
0.0	50°	2325.7	3881.6	5437.4	6992.7	8548.5	9601.8	10654.5	11707.9	12760.6	13930.9
0.0	52.5°	2908.7	4529.5	6151.0	7771.8	9392.7	10343.2	11294.5	12245.0	13195.6	14289.2
0.0	55°	2952.6	4564.2	6176.4	7787.9	9399.5	10354.4	11309.3	12264.2	13219.2	14378.3
0.0	57.5°	2614.1	4212.7	5810.6	7409.2	9007.1	10094.5	11181.2	12268.6	13355.3	14608.5
0.0	60°	2223.6	3822.8	5421.3	7020.5	8619.1	9871.7	11124.9	12377.5	13630.1	14804.1
0.0	62.5°	1734.7	3379.7	5025.3	6670.2	8315.2	9587.0	10858.8	12129.9	13401.7	14282.4
0.0	65°	1292.8	2890.1	4487.5	6084.2	7681.5	8700.1	9718.8	10736.9	11755.5	12300.7
0.0	67.5°	934.5	2312.1	3689.1	5066.7	6443.7	7172.8	7901.8	8630.2	9359.2	9776.4
	70°	631.9	1586.2	2539.9	3494.2	4447.8	5046.9	5646.6	6245.7	6844.7	7407.9
	72.5°	437.5	973.5	1510.1	2046.0	2581.9	3184.7	3786.9	4389.7	4991.8	5587.8
	75°	290.3	534.1	778.5	1022.4	1266.2	1712.4	2159.3	2605.5	3051.7	3406.9
	77.5°	206.1	279.1	352.8	425.8	498.8	582.4	666.5	750.1	833.6	960.5
	80°	97.8	107.1	116.3	125.0	134.3	164.6	194.9	225.3	255.6	287.8
	82.5°	46.4	50.1	53.8	56.9	60.6	63.7	66.8	69.9	73.0	69.9
	85°	12.4	12.4	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.4
	87.5°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.0	5.0	4.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049431

CATALOG NUMBER: GALN-SA2C-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
35.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
258.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
669.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1420.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2191.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2973.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3600.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4212.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4793.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5469.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6627.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8623.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11646.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13981.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15101.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15382.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15538.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15861.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15977.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15163.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12846.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10194.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7970.5											
6183.8											
3762.1											
1087.4											
320.0											
66.2											
11.8											
4.3											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049431

CATALOG NUMBER: GALN-SA2C-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
0.0	2.5°	40.2	39.6	39.0	38.4	37.8	36.5	36.5	35.9	35.9
0.0	5°	43.9	43.3	42.7	42.1	42.1	41.5	40.8	40.8	40.2
0.0	7.5°	50.1	49.5	48.9	48.3	48.3	47.7	47.7	47.0	47.0
0.0	10°	57.6	57.6	57.6	57.6	57.6	56.9	56.9	56.9	56.3
0.0	12.5°	72.4	73.0	74.3	75.5	77.4	77.4	77.4	76.7	76.7
0.0	15°	114.5	121.3	126.3	131.2	135.5	145.4	144.2	142.3	141.1
0.0	17.5°	289.6	320.6	337.3	353.4	370.1	415.9	408.5	401.0	394.2
0.0	20°	750.7	831.8	885.6	939.5	993.9	1079.9	1058.9	1037.9	1016.8
0.0	22.5°	1606.0	1792.3	1873.3	1954.4	2034.9	2138.8	2071.4	2003.9	1937.1
0.0	25°	2432.8	2674.8	2811.5	2948.3	3084.5	3143.9	3056.0	2967.5	2879.6
0.0	27.5°	3246.6	3520.2	3640.8	3760.9	3881.6	4006.0	3897.1	3787.5	3678.6
0.0	30°	3898.9	4197.8	4328.4	4458.4	4589.0	4675.6	4563.0	4449.7	4337.1
0.0	32.5°	4538.8	4865.6	5008.5	5151.5	5293.9	5418.2	5279.6	5140.4	5001.7
0.0	35°	5165.7	5538.9	5735.7	5932.5	6129.3	6245.1	6080.4	5915.2	5750.6
0.0	37.5°	5930.7	6391.7	6612.1	6832.4	7052.7	7263.7	7082.4	6900.4	6719.1
0.0	40°	7278.0	7928.4	8266.3	8604.8	8942.7	9215.0	8986.1	8757.1	8528.1
0.0	42.5°	9551.7	10480.0	10965.8	11451.0	11936.8	12362.0	12121.3	11880.5	11639.8
0.0	45°	12881.9	14117.1	14709.4	15301.0	15893.3	16204.0	15857.4	15510.2	15163.7
0.0	47.5°	15211.3	16441.6	16968.9	17496.2	18023.5	18378.1	17954.2	17530.2	17106.9
0.0	50°	16270.8	17441.1	17970.3	18498.8	19027.9	19309.5	18820.0	18329.8	17840.3
0.0	52.5°	16475.7	17569.2	18200.5	18832.3	19463.6	19839.9	19261.8	18683.2	18105.2
0.0	55°	16697.2	17856.4	18588.5	19321.3	20053.4	20574.5	19920.9	19266.8	18613.3
0.0	57.5°	17114.4	18367.6	19097.8	19827.5	20557.8	21000.3	20344.9	19688.9	19033.5
0.0	60°	17151.5	18324.9	18952.4	19580.6	20208.1	20486.6	19859.7	19232.1	18605.2
0.0	62.5°	16044.3	16925.0	17360.7	17796.3	18232.0	18534.7	17880.5	17225.7	16571.6
0.0	65°	13391.8	13937.0	14284.2	14631.4	14978.6	15339.4	14740.3	14141.3	13542.2
0.0	67.5°	10611.2	11028.3	11485.7	11943.0	12400.4	12785.9	12306.3	11826.1	11346.4
	70°	8533.7	9096.2	9610.5	10124.8	10639.1	10954.7	10473.2	9991.1	9509.6
	72.5°	6779.8	7375.7	7805.2	8234.1	8663.6	8741.0	8387.0	8033.0	7679.6
	75°	4116.8	4472.0	4480.7	4488.7	4497.4	4571.0	4277.7	3984.3	3691.6
	77.5°	1214.2	1341.1	1445.7	1549.7	1654.3	1780.5	1672.8	1564.5	1456.8
	80°	351.5	383.7	410.9	437.5	464.8	448.7	423.3	397.9	372.6
	82.5°	63.1	59.4	58.8	58.2	58.2	55.1	50.1	45.2	40.2
	85°	11.1	10.5	9.9	9.3	8.7	8.0	6.8	6.2	5.0
	87.5°	3.7	3.1	2.5	1.9	1.9	0.6	0.6	0.6	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: P1049431

CATALOG NUMBER: GALN-SA2C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049431

CATALOG NUMBER: GALN-SA2C-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°	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
0.0	0.0	2.5°	35.3	34.7	34.7	34.7	34.7	34.0	34.0	34.0	34.0
0.0	0.0	5°	39.0	39.0	38.4	38.4	37.8	37.8	37.1	37.1	36.5
0.0	0.0	7.5°	45.8	45.2	44.6	43.9	43.3	42.1	41.5	40.8	40.8
0.0	0.0	10°	55.1	53.8	53.2	52.0	51.4	50.1	48.9	47.7	46.4
0.0	0.0	12.5°	72.4	69.9	68.1	65.6	63.1	61.3	58.8	56.9	54.5
0.0	0.0	15°	125.6	119.4	112.6	104.6	95.9	87.9	79.2	74.3	68.7
0.0	0.0	17.5°	321.2	289.0	256.2	229.6	203.0	177.0	150.4	131.2	112.0
0.0	0.0	20°	817.5	728.4	639.3	551.4	462.9	375.0	286.5	242.0	197.4
0.0	0.0	22.5°	1538.5	1373.3	1207.4	1047.1	886.2	725.9	565.7	464.8	364.5
0.0	0.0	25°	2374.6	2166.7	1958.7	1695.1	1430.8	1167.2	903.6	739.6	575.6
0.0	0.0	27.5°	3090.0	2850.5	2611.0	2290.5	1969.9	1649.3	1328.7	1084.3	840.4
0.0	0.0	30°	3709.5	3452.1	3194.6	2821.4	2448.3	2075.1	1701.9	1396.2	1090.5
0.0	0.0	32.5°	4246.7	3938.5	3630.3	3245.4	2860.4	2475.5	2090.6	1715.5	1340.5
0.0	0.0	35°	4866.2	4506.6	4146.5	3719.4	3291.8	2864.8	2437.7	2014.4	1590.5
0.0	0.0	37.5°	5653.4	5212.2	4770.3	4294.4	3818.5	3343.2	2867.2	2383.3	1899.3
0.0	0.0	40°	7160.4	6591.0	6021.6	5417.0	4811.7	4207.1	3602.5	3008.3	2414.2
0.0	0.0	42.5°	9860.5	9091.3	8322.0	7517.5	6712.3	5907.8	5102.6	4264.7	3426.1
0.0	0.0	45°	12907.9	11953.6	10998.6	10095.7	9192.1	8289.2	7386.3	6236.4	5086.5
0.0	0.0	47.5°	14621.5	13591.1	12560.7	11706.0	10851.3	9996.7	9142.0	7902.4	6662.8
0.0	0.0	50°	15252.2	14203.2	13154.2	12367.6	11580.4	10793.8	10006.6	8765.1	7523.0
0.0	0.0	52.5°	15386.5	14316.4	13246.4	12454.8	11663.3	10872.4	10080.8	8847.4	7614.0
0.0	0.0	55°	15662.5	14514.5	13365.8	12463.5	11561.2	10658.9	9756.6	8503.3	7250.1
0.0	0.0	57.5°	16023.3	14846.2	13669.1	12641.1	11613.2	10585.8	9557.9	8187.7	6817.5
0.0	0.0	60°	15928.6	14904.4	13879.5	12778.5	11676.9	10575.9	9474.3	7967.4	6459.8
0.0	0.0	62.5°	14284.9	13469.2	12652.9	11747.5	10841.4	9936.0	9030.6	7479.1	5927.6
0.0	0.0	65°	11751.8	11156.4	10561.1	9832.7	9103.6	8375.2	7646.8	6255.6	4865.0
0.0	0.0	67.5°	9524.5	8853.6	8182.1	7601.6	7020.5	6440.0	5858.9	4764.1	3669.3
		70°	7567.0	6837.3	6107.1	5540.2	4972.7	4405.8	3838.9	3111.1	2383.9
		72.5°	6009.3	5351.4	4693.5	4088.9	3483.6	2879.0	2273.7	1843.6	1413.5
		75°	2872.2	2609.2	2346.2	2029.9	1713.7	1397.4	1081.2	893.7	706.8
		77.5°	1064.5	922.7	780.4	651.7	522.9	394.8	266.1	243.8	221.6
		80°	275.4	240.1	204.2	178.9	152.9	127.5	102.1	92.2	82.9
		82.5°	31.6	29.1	27.2	26.0	24.1	22.9	21.0	19.2	17.3
		85°	1.9	1.2	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: P1049431

CATALOG NUMBER: GALN-SA2C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049431

CATALOG NUMBER: GALN-SA2C-950-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	35.9	35.9
0.0	0.0	2.5°	33.4	32.8
0.0	0.0	5°	35.3	34.7
0.0	0.0	7.5°	39.0	37.8
0.0	0.0	10°	42.7	41.5
0.0	0.0	12.5°	48.3	46.4
0.0	0.0	15°	54.5	50.7
0.0	0.0	17.5°	65.0	56.9
0.0	0.0	20°	87.9	67.5
0.0	0.0	22.5°	123.8	84.2
0.0	0.0	25°	181.9	116.3
0.0	0.0	27.5°	253.1	154.7
0.0	0.0	30°	336.7	193.7
0.0	0.0	32.5°	410.3	230.8
0.0	0.0	35°	506.2	268.6
0.0	0.0	37.5°	624.4	316.9
0.0	0.0	40°	807.6	389.9
0.0	0.0	42.5°	1137.5	524.8
0.0	0.0	45°	1847.3	907.3
0.0	0.0	47.5°	2842.5	1500.8
0.0	0.0	50°	3477.5	1915.4
0.0	0.0	52.5°	3529.4	1912.3
0.0	0.0	55°	3221.9	1700.0
0.0	0.0	57.5°	2749.0	1420.9
0.0	0.0	60°	2284.9	1123.9
0.0	0.0	62.5°	1800.3	776.1
0.0	0.0	65°	1315.7	548.9
0.0	0.0	67.5°	945.0	410.3
		70°	621.3	314.4
		72.5°	404.7	256.2
		75°	272.3	212.3
		77.5°	159.1	141.1
		80°	56.3	49.5
		82.5°	10.5	7.4
		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: P1049431

CATALOG NUMBER: GALN-SA2C-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

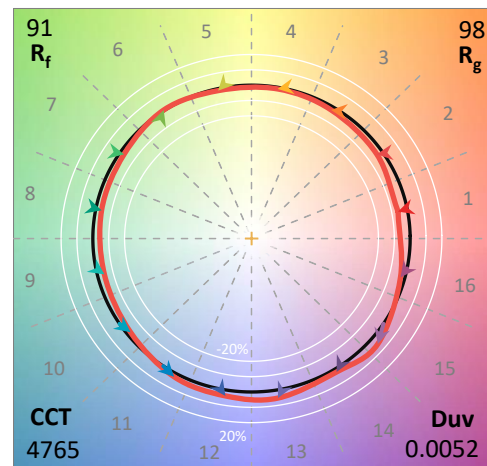
Test Information

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

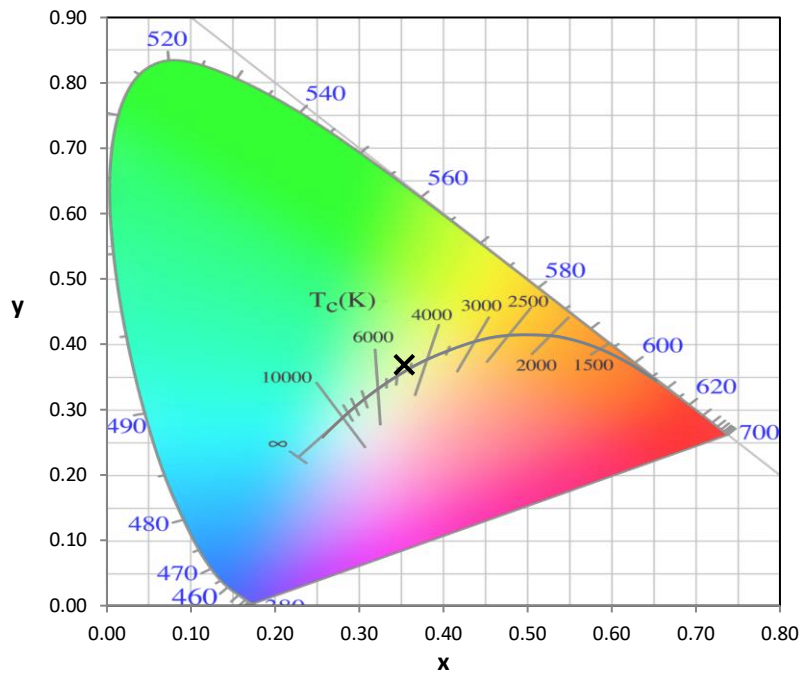
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-17

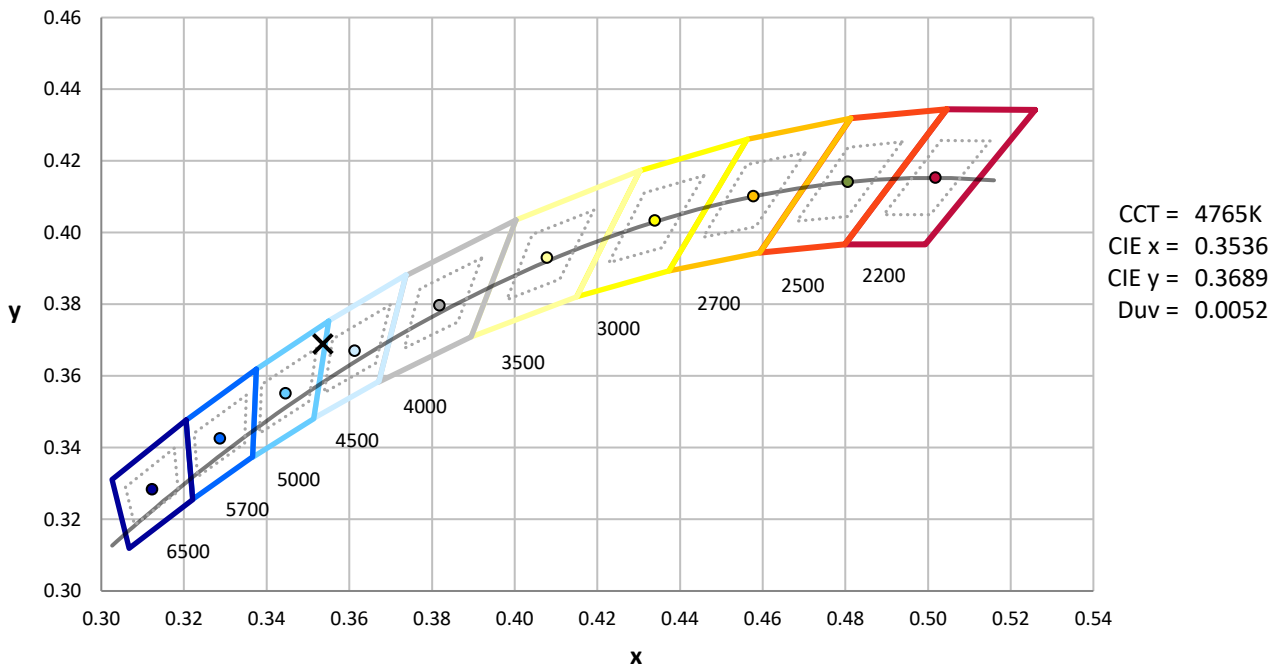
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



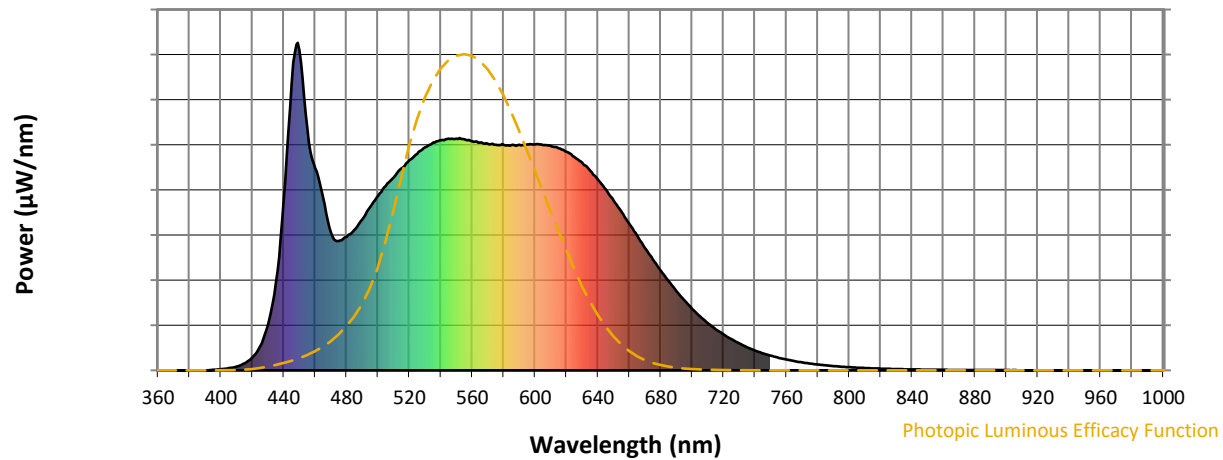
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

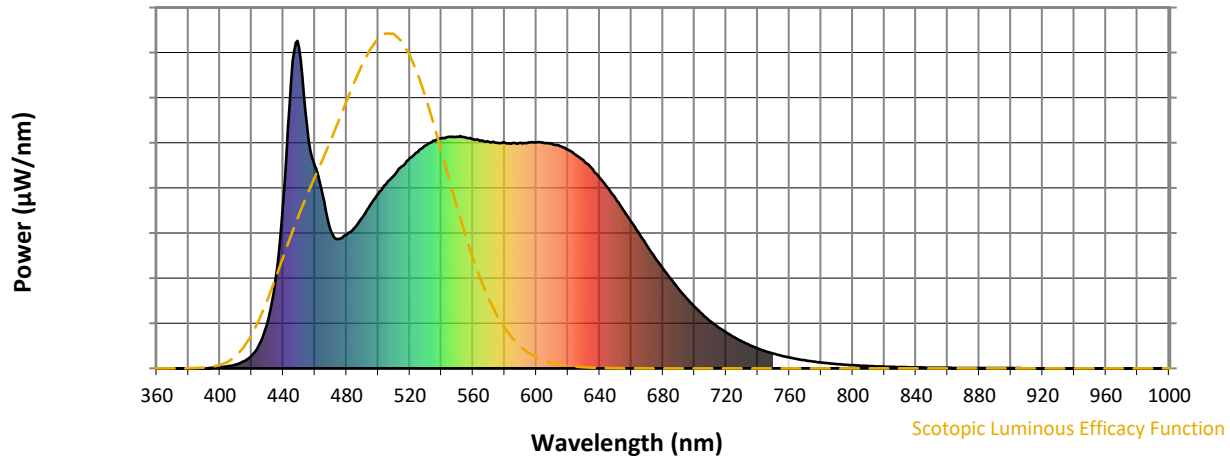


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength



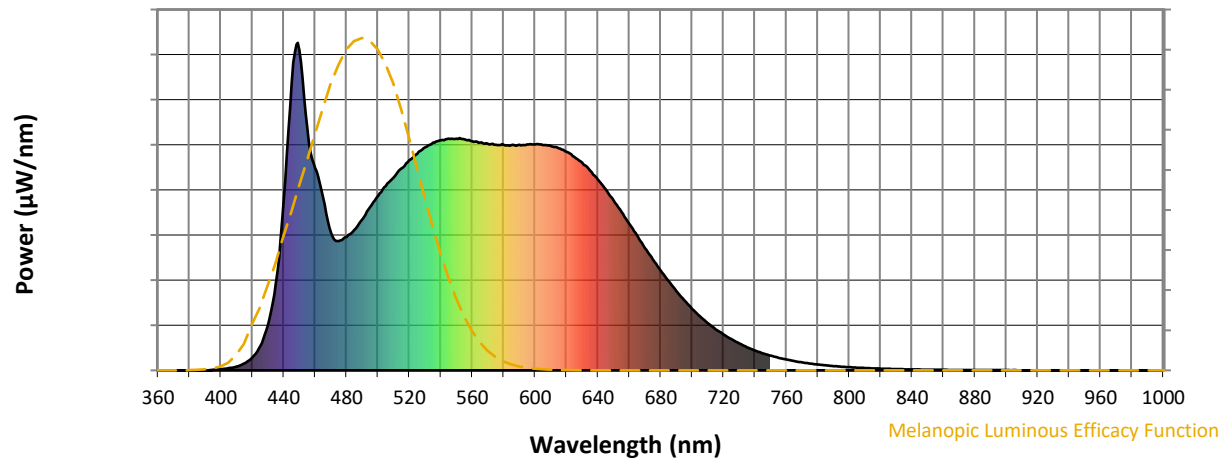
Scotopic Lumens: NR

S/P: 1.99

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			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 4.22

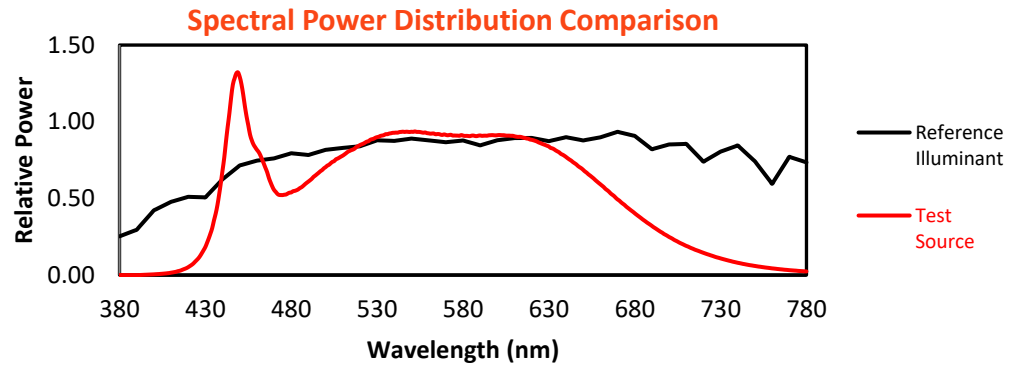
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	462	NR	620	668	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			

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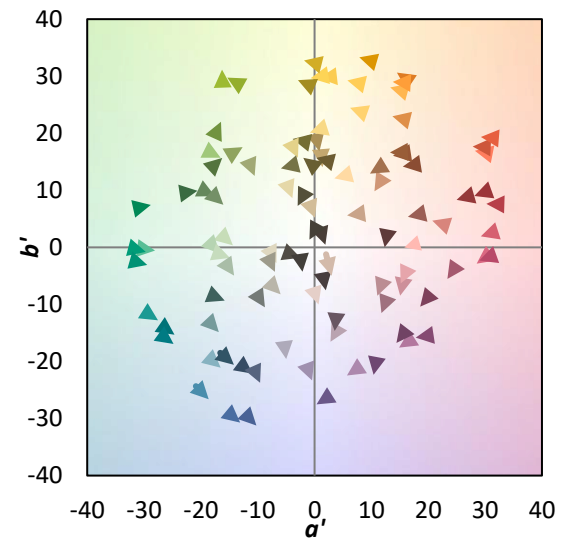
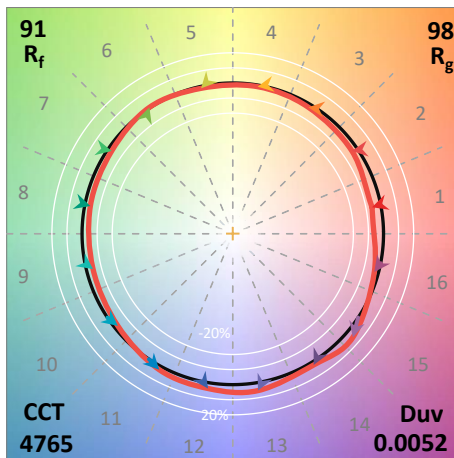
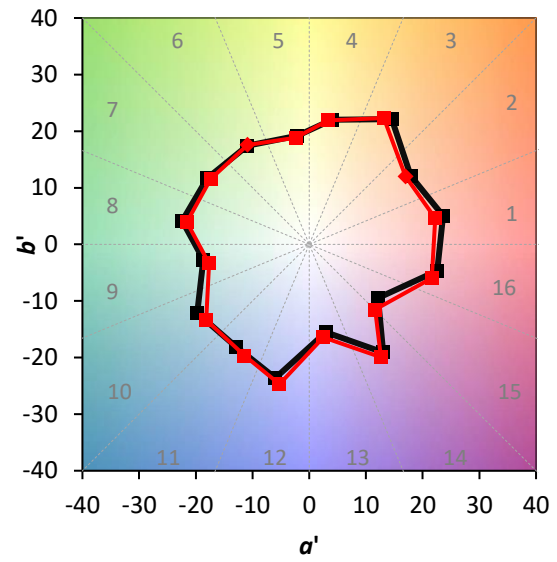
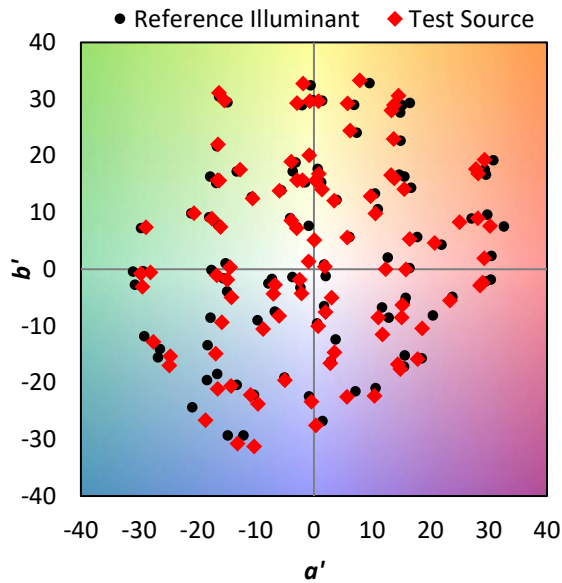
TM-30-18

Summary

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

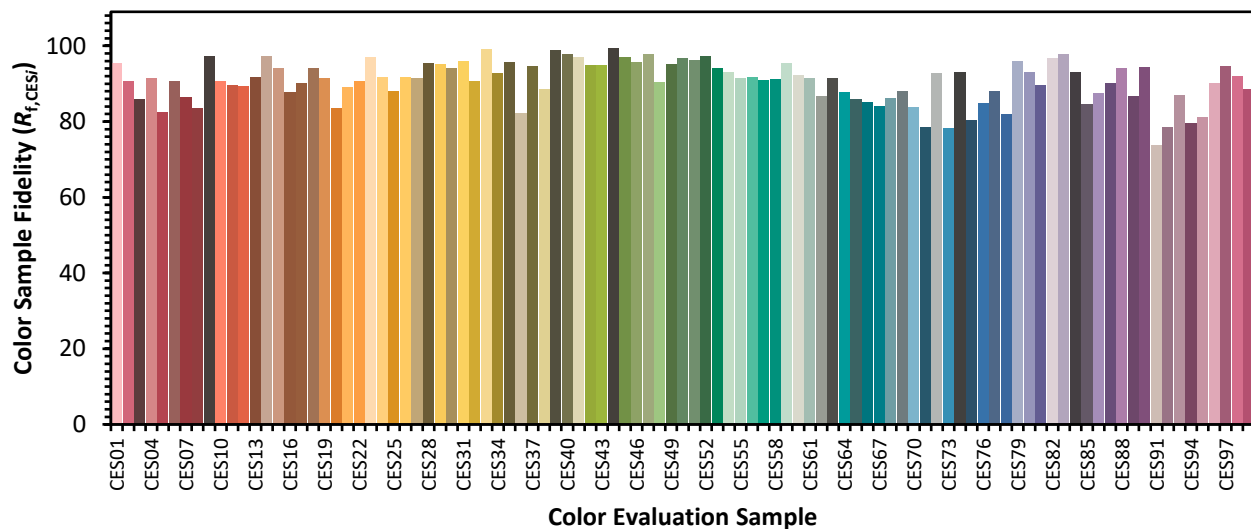


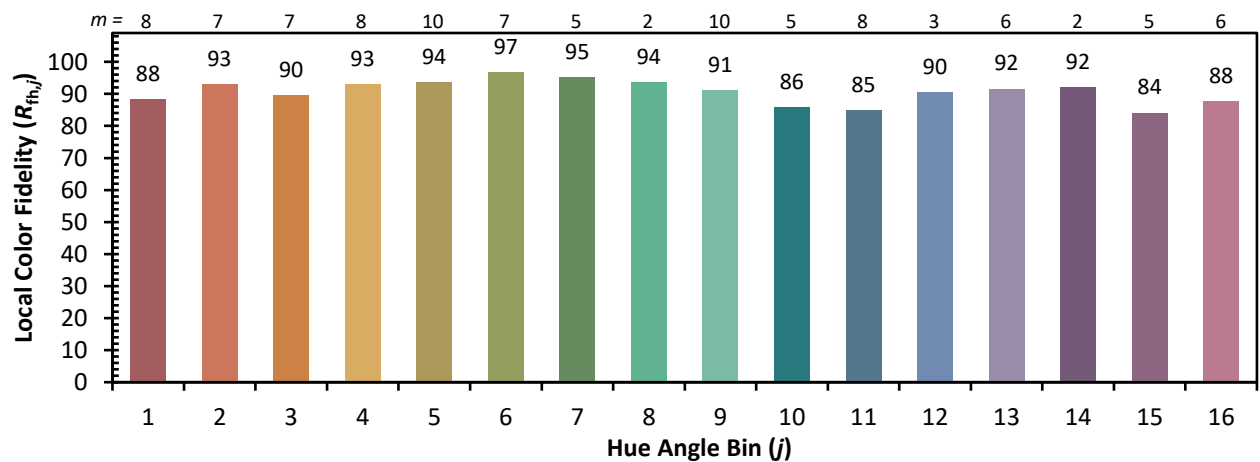
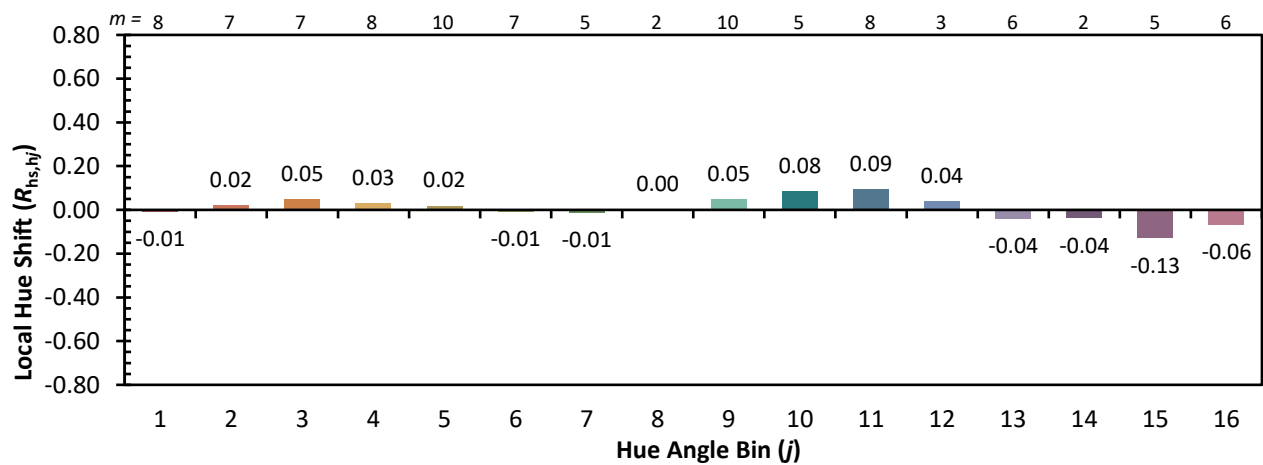
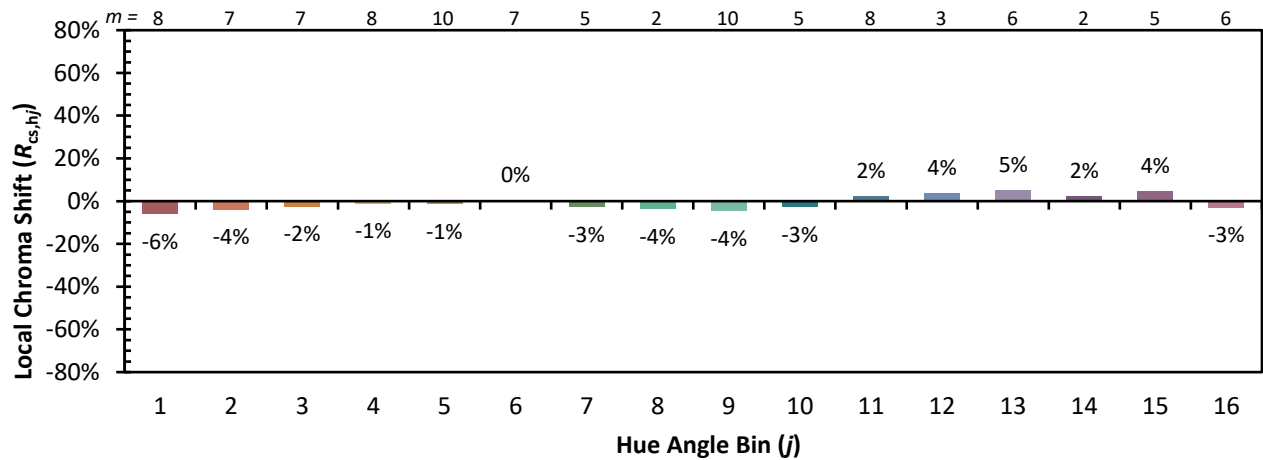
Color Vector Graphics



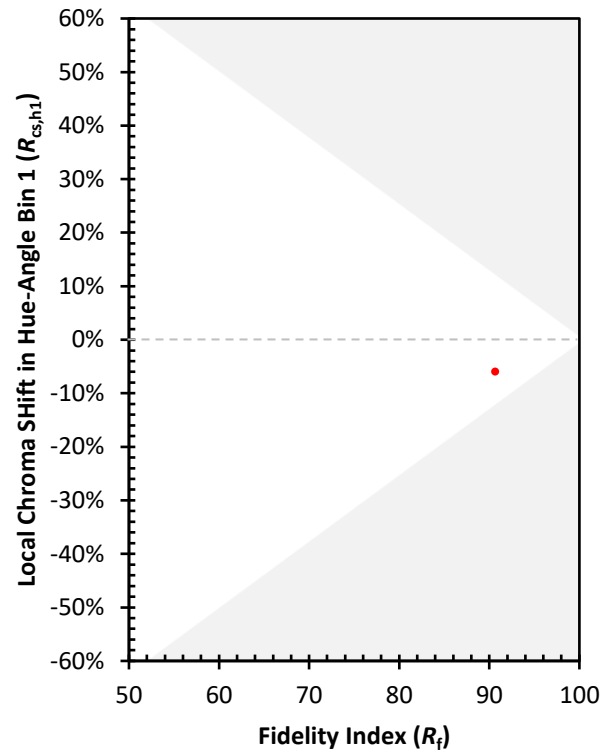
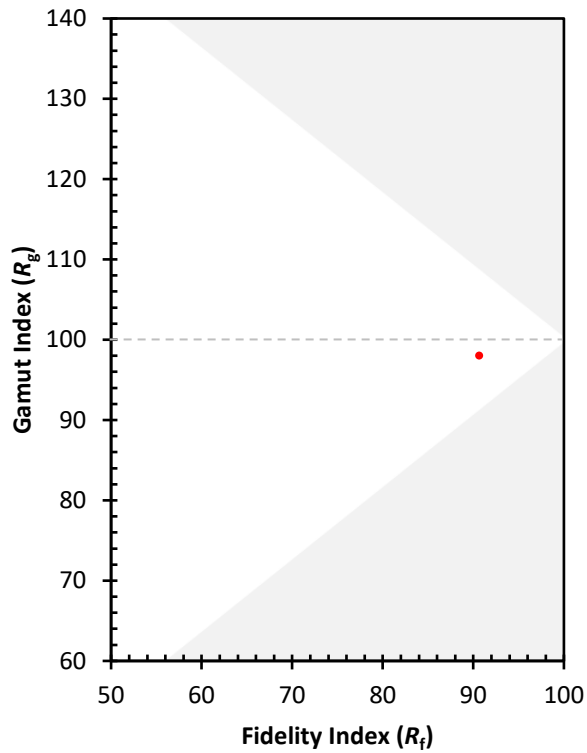
Individual Sample Fidelity Index ($R_{f,i}$)

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



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)