

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: P1049434

Luminaire Tested: **GALN-SA3B-950-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049434
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3B-950-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
90CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10141.6 lumens
Efficiency: N/A
Efficacy: 95.5 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): 106.2
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

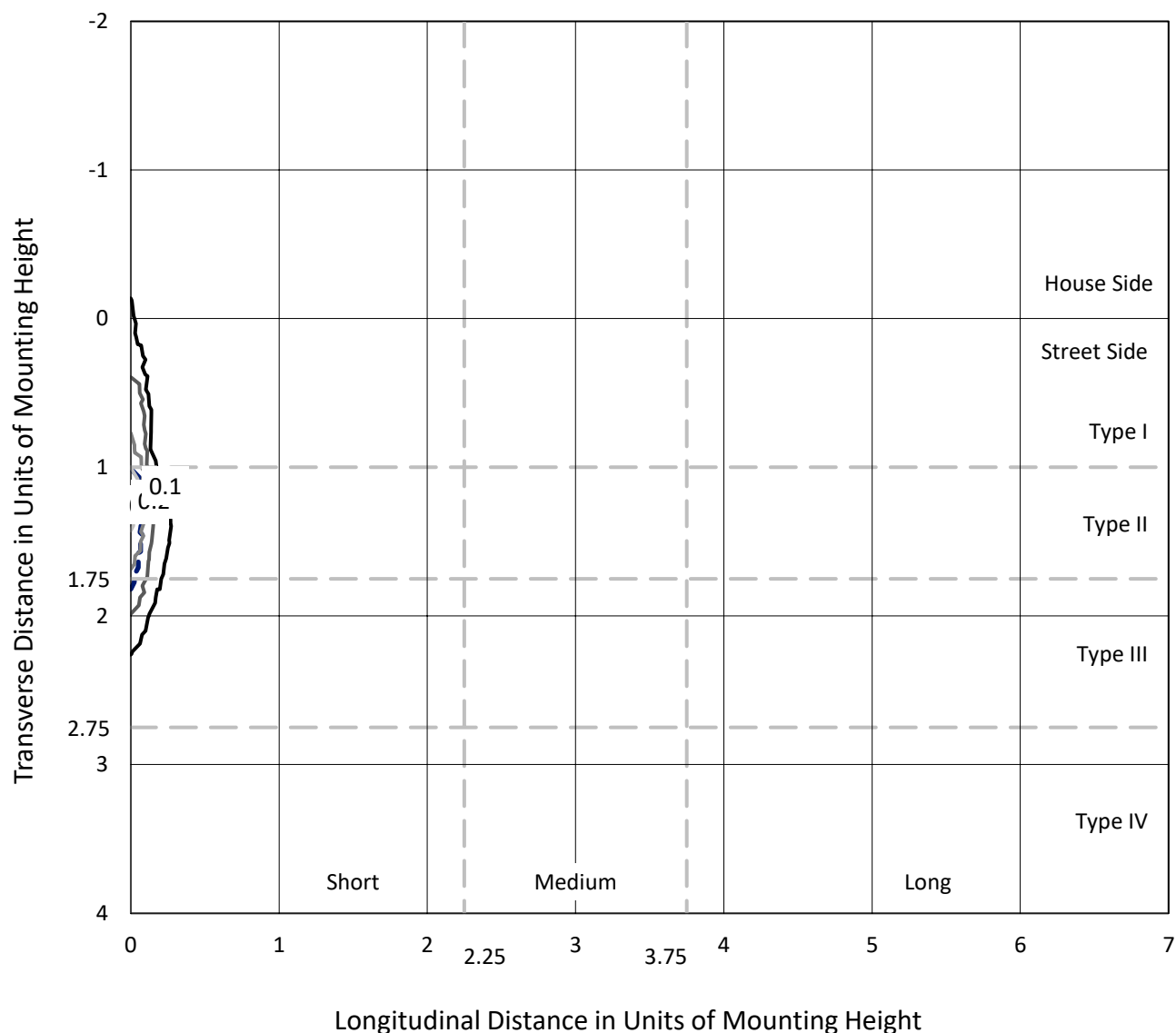
REPORT NUMBER: P1049434

CATALOG NUMBER: GALN-SA3B-950-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

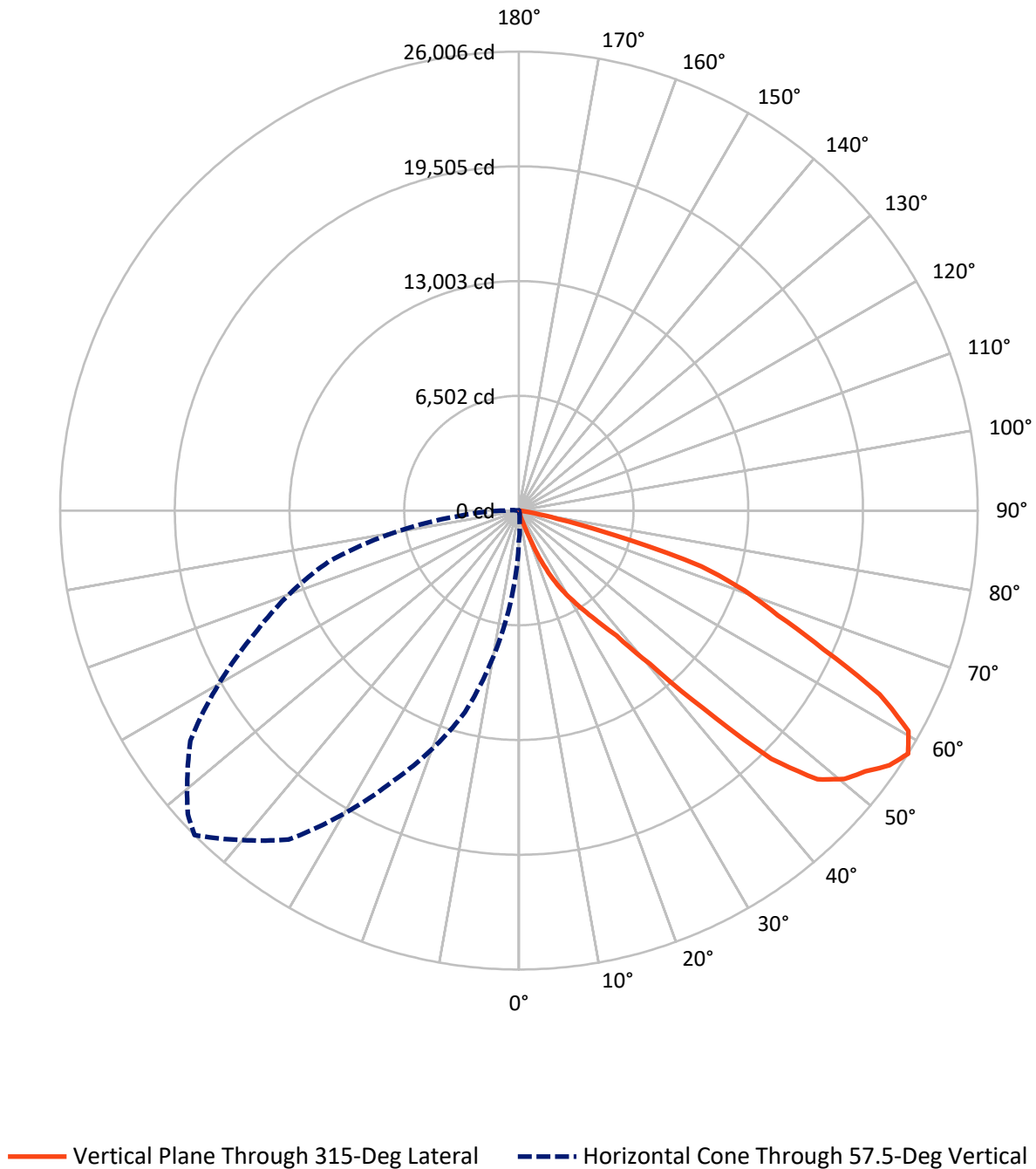


Based on 20 foot mounting height. Maximum calculated value = 1.5 fc

Type III - Short - N/A

REPORT NUMBER: P1049434
CATALOG NUMBER: GALN-SA3B-950-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1049434

CATALOG NUMBER: GALN-SA3B-950-U-RBC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	50.8	0.0	50.8
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	10090.8	0.0	10090.8
	% Fixture	99.5	0.0	99.5
Total	Lumens	10141.6	0.0	10141.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.0	0.0
10°-20°	22.3	0.2
20°-30°	240.3	2.4
30°-40°	710.7	7.0
40°-50°	2118.2	20.9
50°-60°	3358.7	33.1
60°-70°	2803.7	27.6
70°-80°	864.5	8.5
80°-90°	19.2	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°	10141.6	100.0
0°-180°	10141.6	100.0



REPORT NUMBER: P1049434

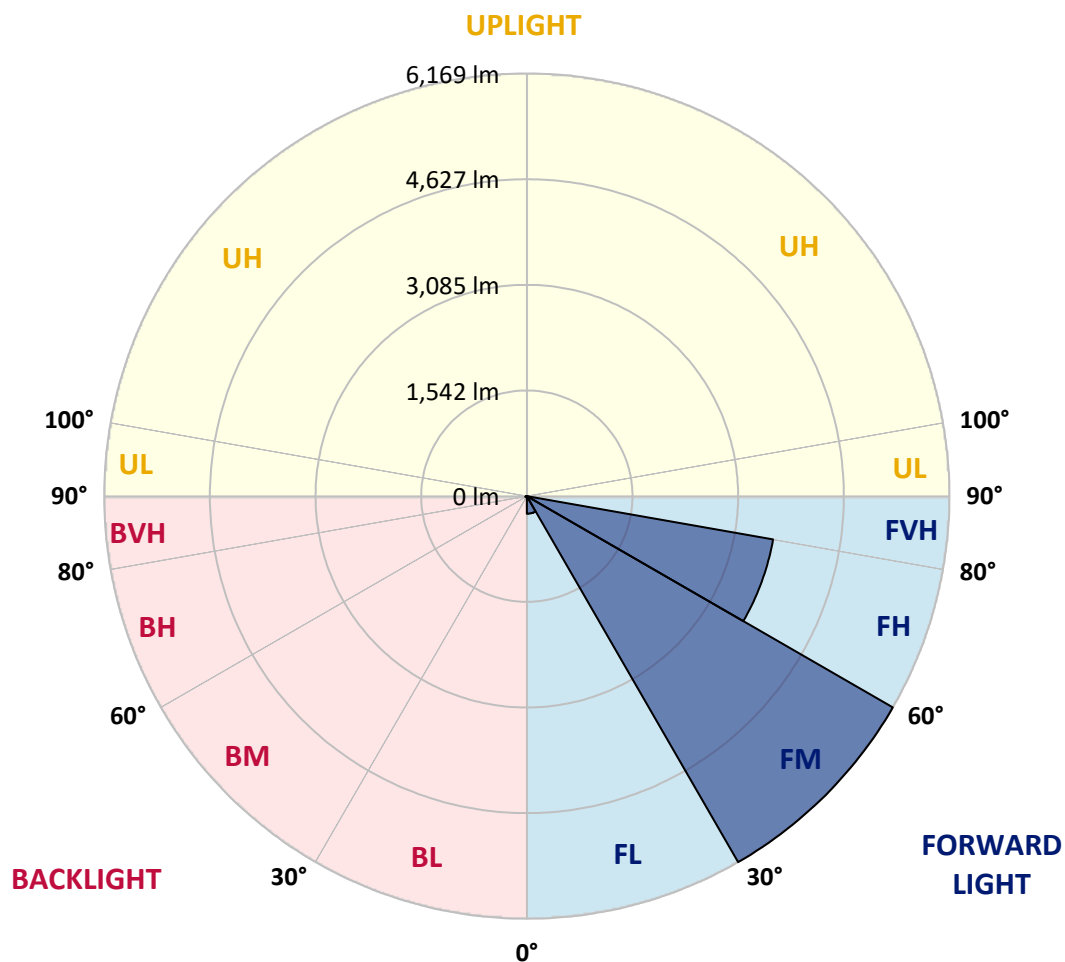
CATALOG NUMBER: GALN-SA3B-950-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	257.3	2.5			
FM	(30°-60°)	6169.4	60.8			
FH	(60°-80°)	3649.3	36.0			G2/5000
FVH	(80°-90°)	14.9	0.1			G1/100
BL	(0°-30°)	9.3	0.1	B0/110		
BM	(30°-60°)	18.2	0.2	B0/220		
BH	(60°-80°)	18.9	0.2	B0/110		G0/110
BVH	(80°-90°)	4.4	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



REPORT NUMBER: P1049434

CATALOG NUMBER: GALN-SA3B-950-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
2.5°	40.6	40.6	40.6	40.6	39.9	39.9	39.1	39.1	38.3	38.3
5°	42.9	42.9	42.2	41.4	41.4	40.6	39.9	39.1	39.1	38.3
7.5°	46.7	46.0	45.2	44.5	42.9	42.2	40.6	39.9	39.1	37.6
10°	51.3	49.8	48.3	46.7	45.2	43.7	42.2	41.4	39.9	39.1
12.5°	57.5	55.2	52.1	49.8	48.3	46.0	44.5	42.9	40.6	39.1
15°	62.8	59.8	55.9	52.9	50.6	47.5	45.2	42.9	41.4	39.1
17.5°	70.5	65.1	59.0	55.2	52.1	48.3	44.5	42.2	39.9	36.8
20°	83.5	72.8	61.3	56.7	52.1	47.5	42.9	39.9	37.6	34.5
22.5°	104.2	85.8	67.4	60.5	54.4	47.5	41.4	38.3	35.3	32.2
25°	144.1	111.1	78.2	69.0	59.8	50.6	41.4	37.6	34.5	30.7
27.5°	191.6	142.5	92.7	79.7	67.4	54.4	41.4	36.8	33.0	28.4
30°	239.9	174.7	108.8	92.0	75.1	58.2	41.4	36.0	31.4	26.1
32.5°	285.9	204.6	122.6	102.7	82.8	62.1	42.2	36.0	29.9	23.8
35°	332.6	229.2	124.9	104.2	83.5	62.1	41.4	34.5	28.4	21.5
37.5°	392.4	256.7	120.3	99.6	79.7	59.0	39.1	33.0	26.8	19.9
40°	482.8	302.7	122.6	101.2	79.7	58.2	36.8	30.7	25.3	19.2
42.5°	649.9	391.6	132.6	108.1	83.5	58.2	33.7	28.4	23.8	18.4
45°	1123.5	650.7	177.8	141.0	104.2	67.4	30.7	26.1	22.2	17.6
47.5°	1858.5	1089.0	319.6	246.8	174.7	101.9	29.9	26.1	22.2	17.6
50°	2372.0	1387.2	402.4	309.6	216.9	124.2	31.4	26.8	23.0	18.4
52.5°	2368.1	1408.6	448.3	344.1	240.6	136.4	33.0	28.4	24.5	19.9
55°	2105.3	1281.4	456.8	351.0	246.0	140.2	35.3	30.7	26.1	21.5
57.5°	1759.6	1088.3	416.9	322.7	229.2	134.9	40.6	35.3	30.7	25.3
60°	1391.8	858.4	324.9	256.7	189.3	121.1	53.6	46.7	40.6	33.7
62.5°	961.1	622.3	283.6	227.6	172.4	116.5	61.3	54.4	48.3	41.4
65°	679.8	468.3	256.0	208.5	161.7	114.2	66.7	59.0	52.1	44.5
67.5°	508.1	372.5	236.0	195.4	154.8	114.2	73.6	64.4	55.9	46.7
70°	389.3	305.8	221.5	188.5	156.3	123.4	90.4	77.4	65.1	52.1
72.5°	317.3	261.3	204.6	180.9	157.1	133.4	109.6	92.7	75.9	58.2
75°	262.9	223.8	184.7	164.8	145.6	125.7	105.8	90.4	75.9	60.5
77.5°	174.7	159.4	143.3	131.8	120.3	108.1	96.6	83.5	71.3	58.2
80°	61.3	59.0	56.7	61.3	65.9	70.5	75.1	65.9	57.5	48.3
82.5°	9.2	8.4	7.7	8.4	9.2	10.0	10.7	11.5	12.3	13.0
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: P1049434

CATALOG NUMBER: GALN-SA3B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049434

CATALOG NUMBER: GALN-SA3B-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°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
0.0	2.5°	37.6	37.6	36.8	36.8	36.8	36.0	36.0	35.3	35.3	35.3
0.0	5°	36.8	36.8	36.0	35.3	34.5	34.5	33.7	33.0	33.0	32.2
0.0	7.5°	36.0	35.3	34.5	33.7	33.0	32.2	31.4	30.7	30.7	29.9
0.0	10°	36.8	35.3	34.5	33.0	32.2	31.4	29.9	29.1	28.4	28.4
0.0	12.5°	35.3	34.5	33.0	31.4	30.7	29.1	28.4	26.8	26.1	26.1
0.0	15°	35.3	33.7	31.4	29.9	28.4	27.6	26.1	24.5	23.8	23.0
0.0	17.5°	33.0	31.4	29.1	27.6	26.1	24.5	23.0	21.5	20.7	19.9
0.0	20°	29.9	28.4	26.1	23.8	22.2	20.7	19.2	17.6	16.9	16.1
0.0	22.5°	26.8	25.3	23.0	20.7	19.2	17.6	15.3	13.8	13.0	11.5
0.0	25°	25.3	23.0	20.7	18.4	16.1	14.6	12.3	10.0	8.4	6.9
0.0	27.5°	21.5	19.2	16.9	14.6	12.3	10.0	7.7	5.4	3.8	3.1
0.0	30°	18.4	16.1	13.8	11.5	8.4	6.1	3.8	0.8	0.8	0.8
0.0	32.5°	15.3	13.0	10.0	7.7	6.1	3.8	2.3	0.0	0.0	0.0
0.0	35°	12.3	10.0	6.9	4.6	3.8	2.3	1.5	0.0	0.0	0.0
0.0	37.5°	10.7	8.4	5.4	2.3	1.5	1.5	0.8	0.0	0.0	0.0
0.0	40°	10.0	6.9	3.8	0.8	0.8	0.8	0.0	0.0	0.0	0.0
0.0	42.5°	10.0	6.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	10.0	6.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	10.0	6.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	10.7	7.7	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	12.3	9.2	6.1	3.1	2.3	1.5	0.8	0.0	0.0	0.0
0.0	55°	15.3	13.8	11.5	10.0	7.7	5.4	2.3	0.0	0.0	0.0
0.0	57.5°	19.9	19.9	19.2	18.4	13.8	9.2	4.6	0.0	0.0	0.0
0.0	60°	26.8	26.8	26.8	26.8	19.9	13.8	6.9	0.0	0.0	0.0
0.0	62.5°	33.0	31.4	29.1	27.6	20.7	13.8	6.9	0.0	0.0	0.0
0.0	65°	33.0	29.9	26.1	22.2	16.9	11.5	5.4	0.0	0.0	0.0
0.0	67.5°	30.7	24.5	17.6	11.5	8.4	6.1	3.1	0.0	0.0	0.0
	70°	30.7	21.5	12.3	3.1	2.3	1.5	0.8	0.0	0.0	0.0
	72.5°	30.7	20.7	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	33.7	23.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	33.7	23.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	29.9	19.9	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	10.0	6.9	3.1	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: P1049434

CATALOG NUMBER: GALN-SA3B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049434

CATALOG NUMBER: GALN-SA3B-950-U-RBC

CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
0.0	2.5°	34.5	34.5	34.5	33.7	33.7	33.7	33.7	33.0	33.0	33.0
0.0	5°	31.4	31.4	30.7	30.7	29.9	29.9	29.1	29.1	28.4	28.4
0.0	7.5°	29.1	28.4	28.4	27.6	26.8	26.8	26.1	26.1	25.3	24.5
0.0	10°	26.8	26.1	26.1	25.3	24.5	23.8	23.8	23.0	22.2	21.5
0.0	12.5°	24.5	23.8	23.0	22.2	21.5	20.7	20.7	19.9	19.2	18.4
0.0	15°	21.5	20.7	19.9	19.2	18.4	17.6	17.6	16.9	16.1	15.3
0.0	17.5°	18.4	17.6	17.6	16.9	16.1	15.3	14.6	13.0	12.3	11.5
0.0	20°	13.8	13.0	12.3	11.5	10.7	9.2	8.4	6.9	5.4	4.6
0.0	22.5°	9.2	7.7	6.9	5.4	3.8	3.1	2.3	0.8	0.0	0.0
0.0	25°	3.1	2.3	1.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049434

CATALOG NUMBER: GALN-SA3B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049434

CATALOG NUMBER: GALN-SA3B-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°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
0.0	2.5°	32.2	32.2	32.2	31.4	31.4	31.4	31.4	31.4	31.4	31.4
0.0	5°	27.6	27.6	27.6	26.8	26.8	26.1	26.1	26.1	25.3	25.3
0.0	7.5°	23.8	23.0	23.0	22.2	22.2	21.5	21.5	21.5	20.7	20.7
0.0	10°	19.9	19.2	19.2	18.4	18.4	17.6	17.6	16.9	16.9	16.1
0.0	12.5°	17.6	16.9	16.1	15.3	15.3	14.6	13.8	13.8	13.0	12.3
0.0	15°	13.8	13.0	12.3	11.5	10.7	10.0	9.2	9.2	8.4	7.7
0.0	17.5°	9.2	7.7	6.9	6.1	6.1	5.4	4.6	3.8	3.1	2.3
0.0	20°	2.3	1.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049434

CATALOG NUMBER: GALN-SA3B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049434

CATALOG NUMBER: GALN-SA3B-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°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
0.0	2.5°	31.4	30.7	30.7	30.7	31.4	31.4	31.4	31.4	31.4	31.4
0.0	5°	25.3	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
0.0	7.5°	20.7	19.9	19.9	19.9	19.9	19.2	19.2	19.2	19.2	19.2
0.0	10°	16.1	15.3	15.3	15.3	15.3	14.6	14.6	14.6	14.6	14.6
0.0	12.5°	11.5	11.5	10.7	10.7	10.7	10.0	10.0	10.0	10.0	9.2
0.0	15°	6.9	6.1	5.4	5.4	5.4	4.6	4.6	4.6	4.6	3.8
0.0	17.5°	1.5	1.5	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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-SA3B-950-U-RBC

[illegible]

REPORT NUMBER: P1049434

CATALOG NUMBER: GALN-SA3B-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°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
0.0	2.5°	32.2	32.2	33.0	33.0	33.7	35.3	36.0	36.8	38.3	39.9
0.0	5°	25.3	26.1	26.1	26.8	27.6	28.4	29.1	29.9	31.4	33.0
0.0	7.5°	19.9	19.9	20.7	20.7	21.5	23.0	23.8	24.5	26.1	28.4
0.0	10°	15.3	15.3	16.1	16.1	16.9	18.4	19.2	19.9	21.5	23.8
0.0	12.5°	10.0	10.7	10.7	11.5	12.3	13.8	14.6	15.3	16.9	18.4
0.0	15°	4.6	5.4	5.4	6.1	6.9	8.4	9.2	10.0	11.5	13.8
0.0	17.5°	0.8	0.8	1.5	1.5	2.3	3.1	3.8	4.6	6.9	8.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.1
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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: P1049434

CATALOG NUMBER: GALN-SA3B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049434

CATALOG NUMBER: GALN-SA3B-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°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
0.0	2.5°	42.2	43.7	45.2	46.7	48.3	49.8	50.6	52.1	52.9	53.6
0.0	5°	36.0	37.6	39.9	41.4	42.9	44.5	46.0	46.7	47.5	48.3
0.0	7.5°	31.4	33.0	35.3	36.8	38.3	39.9	41.4	42.9	43.7	44.5
0.0	10°	26.8	29.1	30.7	33.0	34.5	36.0	37.6	39.1	40.6	41.4
0.0	12.5°	21.5	23.8	26.1	27.6	29.9	32.2	33.7	35.3	36.8	38.3
0.0	15°	16.9	19.2	21.5	23.0	25.3	27.6	29.9	31.4	33.0	34.5
0.0	17.5°	12.3	14.6	16.9	18.4	20.7	23.0	24.5	26.8	28.4	29.9
0.0	20°	6.1	8.4	10.7	13.0	15.3	17.6	19.2	21.5	23.0	24.5
0.0	22.5°	0.8	3.1	5.4	6.9	9.2	11.5	13.0	15.3	16.9	18.4
0.0	25°	0.0	0.8	2.3	3.1	3.8	5.4	6.9	8.4	10.0	11.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.8	1.5	3.1	4.6	6.1
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.5
	85°	0.0	0.0	0.0	0.0	0.0	1.5	2.3	3.8	4.6	5.4
	87.5°	0.0	0.8	1.5	2.3	3.1	4.6	6.1	7.7	8.4	9.2
	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: P1049434

CATALOG NUMBER: GALN-SA3B-950-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
44.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.8											
3.1											
6.9											
10.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049434

CATALOG NUMBER: GALN-SA3B-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°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
0.0	2.5°	54.4	54.4	54.4	54.4	53.6	53.6	53.6	52.9	52.9	52.1
0.0	5°	49.8	50.6	50.6	50.6	50.6	50.6	50.6	50.6	49.8	49.8
0.0	7.5°	46.0	46.7	47.5	47.5	48.3	48.3	48.3	47.5	47.5	46.7
0.0	10°	43.7	44.5	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2
0.0	12.5°	40.6	41.4	42.2	42.2	42.9	42.9	42.9	42.9	42.2	42.2
0.0	15°	36.8	38.3	39.1	39.9	39.9	40.6	40.6	40.6	40.6	40.6
0.0	17.5°	33.7	35.3	36.0	36.8	36.8	37.6	37.6	38.3	38.3	38.3
0.0	20°	27.6	29.1	29.9	31.4	32.2	33.0	33.7	34.5	34.5	35.3
0.0	22.5°	21.5	23.0	23.8	25.3	26.1	26.8	27.6	28.4	29.1	29.9
0.0	25°	15.3	16.9	17.6	19.2	19.9	20.7	21.5	22.2	22.2	23.0
0.0	27.5°	8.4	10.0	11.5	12.3	13.8	14.6	15.3	16.1	16.9	17.6
0.0	30°	3.8	4.6	5.4	6.9	7.7	8.4	9.2	10.7	11.5	12.3
0.0	32.5°	0.0	0.0	0.8	2.3	3.1	3.8	4.6	5.4	5.4	6.1
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.5	2.3	3.1
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°	1.5	1.5	1.5	2.3	2.3	2.3	2.3	2.3	2.3	2.3
	82.5°	3.8	4.6	5.4	5.4	6.1	6.1	6.1	6.1	5.4	5.4
	85°	7.7	8.4	9.2	9.2	10.0	10.0	10.0	10.0	10.0	10.0
	87.5°	10.7	11.5	12.3	12.3	13.0	13.0	13.0	13.0	13.0	13.0
	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: P1049434

CATALOG NUMBER: GALN-SA3B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049434

CATALOG NUMBER: GALN-SA3B-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°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
0.0	2.5°	51.3	51.3	50.6	50.6	50.6	50.6	50.6	51.3	52.1	52.1
0.0	5°	49.0	49.0	48.3	48.3	48.3	49.0	49.0	49.8	50.6	51.3
0.0	7.5°	46.7	46.0	46.0	46.7	46.7	47.5	47.5	48.3	49.0	49.8
0.0	10°	45.2	44.5	44.5	44.5	45.2	45.2	46.0	46.7	47.5	48.3
0.0	12.5°	42.2	42.2	42.2	42.2	42.9	42.9	43.7	44.5	46.0	46.7
0.0	15°	40.6	39.9	39.9	39.9	39.9	40.6	40.6	42.2	43.7	44.5
0.0	17.5°	37.6	37.6	36.8	36.8	37.6	37.6	38.3	39.9	41.4	42.2
0.0	20°	34.5	33.7	33.0	33.0	33.7	33.7	34.5	36.0	37.6	38.3
0.0	22.5°	29.9	29.1	29.1	29.1	29.1	29.9	29.9	31.4	33.7	35.3
0.0	25°	23.8	24.5	24.5	25.3	25.3	26.1	26.8	28.4	30.7	32.2
0.0	27.5°	18.4	19.2	19.2	20.7	21.5	22.2	23.0	25.3	27.6	29.1
0.0	30°	13.8	14.6	15.3	16.1	17.6	19.2	20.7	23.0	25.3	26.8
0.0	32.5°	8.4	10.0	10.7	12.3	13.8	15.3	16.9	19.2	22.2	24.5
0.0	35°	6.1	6.9	8.4	9.2	10.7	12.3	13.8	16.9	19.2	22.2
0.0	37.5°	3.1	4.6	6.1	7.7	9.2	10.7	12.3	15.3	18.4	20.7
0.0	40°	2.3	3.8	4.6	6.1	8.4	10.0	11.5	14.6	17.6	20.7
0.0	42.5°	1.5	2.3	3.1	5.4	6.9	9.2	11.5	14.6	17.6	20.7
0.0	45°	1.5	1.5	2.3	4.6	6.9	10.0	12.3	15.3	17.6	20.7
0.0	47.5°	1.5	2.3	3.1	6.1	7.7	10.0	12.3	14.6	17.6	19.9
0.0	50°	2.3	3.1	3.8	6.9	8.4	10.7	12.3	15.3	17.6	20.7
0.0	52.5°	1.5	2.3	3.1	6.1	8.4	11.5	13.8	16.9	19.9	22.2
0.0	55°	0.8	0.8	0.8	4.6	9.2	13.0	17.6	19.9	23.0	25.3
0.0	57.5°	0.0	0.0	0.0	3.1	9.2	14.6	19.9	23.0	26.1	28.4
0.0	60°	0.0	0.0	0.0	3.1	9.2	14.6	19.9	23.8	27.6	31.4
0.0	62.5°	0.0	0.0	0.0	3.1	7.7	12.3	16.9	23.0	29.9	36.0
0.0	65°	0.0	0.0	0.0	2.3	6.1	10.0	13.8	23.0	32.2	40.6
0.0	67.5°	0.0	0.0	0.0	2.3	6.1	9.2	13.0	23.0	32.2	42.2
	70°	0.0	0.0	0.0	2.3	6.1	10.0	13.8	23.0	32.2	41.4
	72.5°	0.0	0.0	0.0	2.3	6.9	10.7	15.3	23.0	30.7	38.3
	75°	0.0	0.0	0.0	3.1	6.9	11.5	16.1	23.0	29.9	36.0
	77.5°	0.0	0.0	0.0	2.3	6.9	10.7	15.3	22.2	29.1	35.3
	80°	2.3	1.5	1.5	3.8	6.9	10.0	13.0	19.9	27.6	34.5
	82.5°	4.6	4.6	3.8	5.4	6.9	9.2	11.5	17.6	24.5	30.7
	85°	9.2	9.2	8.4	9.2	9.2	10.0	10.7	13.8	16.9	19.9
	87.5°	12.3	12.3	11.5	11.5	11.5	10.7	10.7	10.7	10.7	10.0
	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: P1049434

CATALOG NUMBER: GALN-SA3B-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
44.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.6											
46.0											
42.9											
42.2											
41.4											
36.8											
23.0											
10.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049434

CATALOG NUMBER: GALN-SA3B-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°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
0.0	2.5°	53.6	54.4	54.4	55.2	55.9	56.7	56.7	57.5	57.5	57.5
0.0	5°	52.9	54.4	55.2	55.9	56.7	57.5	58.2	59.0	59.8	59.8
0.0	7.5°	52.1	52.9	54.4	55.2	56.7	57.5	59.0	59.8	60.5	61.3
0.0	10°	50.6	52.1	53.6	55.2	56.7	58.2	59.8	61.3	62.8	63.6
0.0	12.5°	49.0	51.3	52.9	54.4	56.7	59.0	60.5	62.8	64.4	65.9
0.0	15°	48.3	49.8	52.1	53.6	56.7	59.8	62.1	65.1	68.2	70.5
0.0	17.5°	46.0	49.0	51.3	53.6	56.7	60.5	63.6	66.7	71.3	75.9
0.0	20°	42.9	45.2	48.3	50.6	55.2	59.0	63.6	67.4	74.3	81.2
0.0	22.5°	39.9	42.9	45.2	48.3	53.6	58.2	63.6	68.2	79.7	90.4
0.0	25°	36.8	40.6	43.7	46.7	52.9	59.0	65.1	71.3	90.4	109.6
0.0	27.5°	35.3	38.3	42.2	45.2	52.9	61.3	69.0	76.6	107.3	137.2
0.0	30°	33.0	36.8	39.9	43.7	53.6	63.6	73.6	83.5	130.3	177.0
0.0	32.5°	30.7	34.5	38.3	42.2	55.2	68.2	80.5	93.5	154.8	215.4
0.0	35°	28.4	33.0	36.8	40.6	57.5	75.1	92.0	108.8	177.0	244.5
0.0	37.5°	27.6	32.2	36.0	39.9	58.2	75.9	94.3	111.9	179.3	246.8
0.0	40°	28.4	32.2	36.8	40.6	55.9	71.3	85.8	101.2	171.7	241.4
0.0	42.5°	28.4	33.0	37.6	42.2	54.4	66.7	78.9	91.2	169.4	247.5
0.0	45°	27.6	32.2	36.8	41.4	52.9	63.6	75.1	85.8	183.2	279.7
0.0	47.5°	26.8	31.4	36.0	40.6	52.1	63.6	75.1	86.6	236.8	386.3
0.0	50°	26.8	31.4	35.3	39.1	52.9	67.4	81.2	95.0	344.9	594.0
0.0	52.5°	28.4	32.2	35.3	38.3	54.4	71.3	87.4	103.5	438.4	772.5
0.0	55°	30.7	33.0	36.0	38.3	58.2	77.4	97.3	116.5	466.7	817.0
0.0	57.5°	33.7	36.0	38.3	40.6	65.1	89.7	113.4	138.0	469.0	799.3
0.0	60°	37.6	40.6	42.9	45.2	71.3	98.1	124.2	150.2	424.6	698.2
0.0	62.5°	46.0	49.8	52.9	56.7	82.0	106.5	131.8	156.3	352.5	548.7
0.0	65°	52.9	55.9	59.0	62.1	86.6	111.9	136.4	160.9	298.9	436.8
0.0	67.5°	54.4	57.5	59.8	62.8	88.1	113.4	138.0	163.2	256.0	347.9
	70°	55.2	59.0	63.6	67.4	93.5	119.6	144.8	170.9	226.9	282.8
	72.5°	52.9	60.5	67.4	74.3	98.9	122.6	147.1	170.9	210.8	250.6
	75°	52.9	63.6	73.6	83.5	101.9	119.6	138.0	155.6	186.2	216.9
	77.5°	55.9	69.7	83.5	97.3	108.1	118.0	128.8	138.7	158.6	178.6
	80°	55.9	70.5	84.3	98.9	103.5	108.8	113.4	118.0	120.3	122.6
	82.5°	48.3	59.8	71.3	82.8	77.4	72.0	66.7	61.3	57.5	52.9
	85°	24.5	26.8	28.4	29.9	27.6	25.3	23.0	20.7	19.2	16.9
	87.5°	10.0	10.0	9.2	9.2	9.2	9.2	8.4	8.4	8.4	8.4
	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: P1049434

CATALOG NUMBER: GALN-SA3B-950-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
44.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
226.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
307.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
384.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
436.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
475.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
514.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
590.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
744.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1134.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1737.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2187.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2237.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1725.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1348.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1019.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
752.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
532.6											
396.2											
288.2											
216.9											
121.9											
55.2											
16.1											
7.7											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049434

CATALOG NUMBER: GALN-SA3B-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°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
0.0	2.5°	57.5	56.7	56.7	55.9	55.2	54.4	53.6	52.9	52.1	51.3
0.0	5°	59.8	59.8	59.8	59.0	59.0	58.2	58.2	57.5	56.7	55.9
0.0	7.5°	62.1	62.8	62.8	63.6	63.6	63.6	63.6	62.8	62.8	62.8
0.0	10°	65.9	66.7	67.4	68.2	69.0	69.7	69.7	70.5	70.5	70.5
0.0	12.5°	70.5	72.8	74.3	76.6	78.2	80.5	82.0	84.3	85.8	87.4
0.0	15°	77.4	81.2	85.8	89.7	93.5	98.9	105.0	110.4	115.7	124.2
0.0	17.5°	87.4	99.6	111.9	123.4	135.7	162.5	189.3	215.4	242.2	281.3
0.0	20°	106.5	143.3	179.3	216.1	252.1	346.4	439.9	534.2	627.7	728.1
0.0	22.5°	149.4	239.9	330.3	420.7	511.2	708.1	904.3	1101.3	1297.5	1528.2
0.0	25°	216.9	383.2	549.5	715.0	881.3	1189.4	1498.3	1806.4	2114.5	2414.1
0.0	27.5°	315.8	570.2	824.6	1078.3	1332.8	1750.4	2168.9	2586.6	3004.3	3343.0
0.0	30°	437.6	782.5	1127.4	1472.2	1817.1	2292.3	2767.4	3241.8	3717.0	4087.2
0.0	32.5°	552.6	974.8	1397.1	1818.6	2240.9	2782.0	3323.8	3864.9	4406.0	4810.6
0.0	35°	627.7	1138.1	1649.3	2159.7	2670.1	3255.6	3841.2	4425.9	5011.4	5473.6
0.0	37.5°	702.8	1292.1	1880.7	2470.1	3058.7	3701.7	4344.7	4987.7	5630.7	6201.6
0.0	40°	787.1	1478.4	2168.9	2860.2	3550.7	4312.5	5073.5	5835.3	6596.3	7401.8
0.0	42.5°	933.5	1787.2	2641.8	3495.5	4349.3	5357.1	6364.9	7371.9	8379.7	9529.3
0.0	45°	1208.6	2411.8	3615.8	4819.1	6022.3	7357.4	8693.2	10028.2	11363.3	12893.0
0.0	47.5°	1882.3	3537.7	5192.3	6847.7	8502.3	9943.9	11384.7	12826.3	14267.1	15790.7
0.0	50°	2880.1	4806.8	6733.5	8659.5	10586.2	11890.6	13194.2	14498.6	15802.2	17251.5
0.0	52.5°	3602.0	5609.2	7617.2	9624.3	11631.5	12808.7	13986.6	15163.8	16341.0	17695.2
0.0	55°	3656.5	5652.1	7648.6	9644.3	11640.0	12822.5	14005.0	15187.6	16370.1	17805.6
0.0	57.5°	3237.2	5216.8	7195.6	9175.2	11154.1	12500.6	13846.4	15192.9	16538.7	18090.7
0.0	60°	2753.6	4734.0	6713.6	8693.9	10673.5	12224.7	13776.6	15327.8	16879.0	18332.8
0.0	62.5°	2148.2	4185.3	6223.1	8260.2	10297.2	11872.2	13447.1	15021.3	16596.2	17686.8
0.0	65°	1601.0	3579.0	5557.1	7534.4	9512.4	10773.9	12035.4	13296.1	14557.6	15232.8
0.0	67.5°	1157.3	2863.2	4568.5	6274.4	7979.7	8882.5	9785.3	10687.3	11590.1	12106.7
	70°	782.5	1964.3	3145.3	4327.0	5508.1	6249.9	6992.6	7734.4	8476.3	9173.7
	72.5°	541.8	1205.5	1870.0	2533.7	3197.4	3943.8	4689.5	5436.0	6181.7	6919.7
	75°	359.4	661.4	964.1	1266.1	1568.0	2120.6	2673.9	3226.5	3779.1	4219.0
	77.5°	255.2	345.6	436.8	527.3	617.7	721.2	825.4	928.9	1032.3	1189.4
	80°	121.1	132.6	144.1	154.8	166.3	203.9	241.4	279.0	316.5	356.4
	82.5°	57.5	62.1	66.7	70.5	75.1	78.9	82.8	86.6	90.4	86.6
	85°	15.3	15.3	16.1	16.1	16.1	16.1	16.1	16.1	16.1	15.3
	87.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.1	6.1	5.4
	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: P1049434

CATALOG NUMBER: GALN-SA3B-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
44.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
319.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
829.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1758.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2713.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3681.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4458.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5216.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5935.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6773.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8207.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10678.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14422.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17314.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18700.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19049.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19241.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19642.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19785.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18778.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15908.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12624.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9870.4											
7657.8											
4658.9											
1346.5											
396.2											
82.0											
14.6											
5.4											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049434

CATALOG NUMBER: GALN-SA3B-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
0.0	2.5°	49.8	49.0	48.3	47.5	46.7	45.2	45.2	44.5	44.5
0.0	5°	54.4	53.6	52.9	52.1	52.1	51.3	50.6	50.6	49.8
0.0	7.5°	62.1	61.3	60.5	59.8	59.8	59.0	59.0	58.2	58.2
0.0	10°	71.3	71.3	71.3	71.3	71.3	70.5	70.5	70.5	69.7
0.0	12.5°	89.7	90.4	92.0	93.5	95.8	95.8	95.8	95.0	95.0
0.0	15°	141.8	150.2	156.3	162.5	167.8	180.1	178.6	176.3	174.7
0.0	17.5°	358.7	397.0	417.7	437.6	458.3	515.0	505.8	496.6	488.2
0.0	20°	929.6	1030.0	1096.7	1163.4	1230.8	1337.4	1311.3	1285.2	1259.2
0.0	22.5°	1988.8	2219.5	2319.9	2420.3	2519.9	2648.6	2565.1	2481.6	2398.8
0.0	25°	3012.7	3312.3	3481.7	3651.1	3819.7	3893.3	3784.4	3674.8	3566.0
0.0	27.5°	4020.5	4359.2	4508.7	4657.4	4806.8	4960.9	4826.0	4690.3	4555.4
0.0	30°	4828.3	5198.4	5360.1	5521.1	5682.8	5790.1	5650.6	5510.4	5370.9
0.0	32.5°	5620.7	6025.4	6202.4	6379.4	6555.7	6709.8	6538.1	6365.6	6194.0
0.0	35°	6397.1	6859.2	7102.9	7346.6	7590.3	7733.7	7529.8	7325.2	7121.3
0.0	37.5°	7344.3	7915.3	8188.1	8461.0	8733.8	8995.1	8770.6	8545.3	8320.7
0.0	40°	9012.8	9818.2	10236.7	10655.9	11074.4	11411.6	11128.0	10844.4	10560.9
0.0	42.5°	11828.5	12978.1	13579.7	14180.5	14782.2	15308.7	15010.5	14712.4	14414.3
0.0	45°	15952.4	17482.2	18215.6	18948.3	19681.7	20066.4	19637.2	19207.3	18778.1
0.0	47.5°	18837.1	20360.7	21013.7	21666.6	22319.6	22758.8	22233.8	21708.8	21184.6
0.0	50°	20149.2	21598.4	22253.7	22908.2	23563.5	23912.2	23306.0	22699.0	22092.8
0.0	52.5°	20402.9	21757.1	22538.8	23321.3	24103.0	24569.0	23853.2	23136.6	22420.8
0.0	55°	20677.2	22112.7	23019.3	23926.7	24833.4	25478.7	24669.4	23859.3	23050.0
0.0	57.5°	21193.8	22745.7	23650.1	24553.6	25458.0	26006.0	25194.3	24382.0	23570.4
0.0	60°	21239.8	22692.8	23470.0	24247.9	25025.0	25369.8	24593.5	23816.4	23040.0
0.0	62.5°	19868.7	20959.3	21498.8	22038.3	22577.9	22952.7	22142.6	21331.7	20521.7
0.0	65°	16583.9	17259.1	17689.1	18119.0	18549.0	18995.8	18253.9	17512.0	16770.2
0.0	67.5°	13140.5	13657.1	14223.5	14789.8	15356.2	15833.6	15239.7	14645.0	14051.0
	70°	10567.8	11264.4	11901.3	12538.2	13175.0	13565.9	12969.6	12372.6	11776.4
	72.5°	8395.8	9133.9	9665.7	10196.8	10728.7	10824.5	10386.1	9947.8	9510.1
	75°	5098.0	5537.9	5548.7	5558.6	5569.4	5660.6	5297.3	4934.0	4571.5
	77.5°	1503.7	1660.8	1790.3	1919.0	2048.6	2204.9	2071.6	1937.4	1804.1
	80°	435.3	475.2	508.9	541.8	575.6	555.6	524.2	492.8	461.4
	82.5°	78.2	73.6	72.8	72.0	72.0	68.2	62.1	55.9	49.8
	85°	13.8	13.0	12.3	11.5	10.7	10.0	8.4	7.7	6.1
	87.5°	4.6	3.8	3.1	2.3	2.3	0.8	0.8	0.8	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049434

CATALOG NUMBER: GALN-SA3B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049434

CATALOG NUMBER: GALN-SA3B-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°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
0.0	0.0	2.5°	43.7	42.9	42.9	42.9	42.9	42.2	42.2	42.2	42.2
0.0	0.0	5°	48.3	48.3	47.5	47.5	46.7	46.7	46.0	46.0	45.2
0.0	0.0	7.5°	56.7	55.9	55.2	54.4	53.6	52.1	51.3	50.6	50.6
0.0	0.0	10°	68.2	66.7	65.9	64.4	63.6	62.1	60.5	59.0	57.5
0.0	0.0	12.5°	89.7	86.6	84.3	81.2	78.2	75.9	72.8	70.5	67.4
0.0	0.0	15°	155.6	147.9	139.5	129.5	118.8	108.8	98.1	92.0	85.1
0.0	0.0	17.5°	397.8	357.9	317.3	284.3	251.4	219.2	186.2	162.5	138.7
0.0	0.0	20°	1012.4	902.0	791.7	682.9	573.3	464.4	354.8	299.7	244.5
0.0	0.0	22.5°	1905.2	1700.6	1495.2	1296.7	1097.5	899.0	700.5	575.6	451.4
0.0	0.0	25°	2940.6	2683.1	2425.6	2099.1	1771.9	1445.4	1118.9	915.8	712.7
0.0	0.0	27.5°	3826.6	3530.0	3233.4	2836.4	2439.4	2042.4	1645.4	1342.7	1040.8
0.0	0.0	30°	4593.7	4274.9	3956.1	3494.0	3031.8	2569.7	2107.6	1729.0	1350.4
0.0	0.0	32.5°	5259.0	4877.3	4495.7	4019.0	3542.3	3065.6	2588.9	2124.4	1660.0
0.0	0.0	35°	6026.1	5580.9	5134.8	4606.0	4076.4	3547.6	3018.8	2494.6	1969.6
0.0	0.0	37.5°	7001.0	6454.5	5907.3	5318.0	4728.6	4140.0	3550.7	2951.4	2352.1
0.0	0.0	40°	8867.1	8162.1	7457.0	6708.2	5958.7	5209.9	4461.2	3725.4	2989.7
0.0	0.0	42.5°	12210.9	11258.3	10305.7	9309.4	8312.3	7316.0	6318.9	5281.2	4242.7
0.0	0.0	45°	15984.6	14802.8	13620.3	12502.1	11383.2	10265.0	9146.9	7722.9	6299.0
0.0	0.0	47.5°	18106.8	16830.7	15554.7	14496.3	13437.9	12379.5	11321.1	9786.0	8251.0
0.0	0.0	50°	18887.7	17588.7	16289.6	15315.6	14340.7	13366.6	12391.8	10854.4	9316.3
0.0	0.0	52.5°	19054.0	17728.9	16403.8	15423.6	14443.4	13464.0	12483.7	10956.3	9428.9
0.0	0.0	55°	19395.8	17974.2	16551.8	15434.4	14317.0	13199.6	12082.2	10530.2	8978.3
0.0	0.0	57.5°	19842.6	18385.0	16927.3	15654.3	14381.3	13109.1	11836.1	10139.4	8442.6
0.0	0.0	60°	19725.4	18457.0	17187.9	15824.4	14460.3	13096.9	11732.7	9866.5	7999.6
0.0	0.0	62.5°	17689.8	16679.7	15668.9	14547.6	13425.6	12304.4	11183.2	9261.8	7340.5
0.0	0.0	65°	14553.0	13815.7	13078.5	12176.4	11273.6	10371.6	9469.5	7746.7	6024.6
0.0	0.0	67.5°	11794.8	10964.0	10132.5	9413.6	8693.9	7975.1	7255.4	5899.7	4543.9
		70°	9370.7	8467.1	7562.7	6860.7	6158.0	5455.9	4753.9	3852.6	2952.1
		72.5°	7441.7	6627.0	5812.3	5063.5	4314.0	3565.3	2815.7	2283.1	1750.4
		75°	3556.8	3231.1	2905.4	2513.8	2122.1	1730.5	1338.9	1106.7	875.2
		77.5°	1318.2	1142.7	966.4	807.0	647.6	489.0	329.5	302.0	274.4
		80°	341.0	297.4	252.9	221.5	189.3	157.9	126.5	114.2	102.7
		82.5°	39.1	36.0	33.7	32.2	29.9	28.4	26.1	23.8	21.5
		85°	2.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049434
CATALOG NUMBER: GALN-SA3B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049434

CATALOG NUMBER: GALN-SA3B-950-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	44.5	44.5
0.0	0.0	2.5°	41.4	40.6
0.0	0.0	5°	43.7	42.9
0.0	0.0	7.5°	48.3	46.7
0.0	0.0	10°	52.9	51.3
0.0	0.0	12.5°	59.8	57.5
0.0	0.0	15°	67.4	62.8
0.0	0.0	17.5°	80.5	70.5
0.0	0.0	20°	108.8	83.5
0.0	0.0	22.5°	153.3	104.2
0.0	0.0	25°	225.3	144.1
0.0	0.0	27.5°	313.5	191.6
0.0	0.0	30°	416.9	239.9
0.0	0.0	32.5°	508.1	285.9
0.0	0.0	35°	626.9	332.6
0.0	0.0	37.5°	773.3	392.4
0.0	0.0	40°	1000.1	482.8
0.0	0.0	42.5°	1408.6	649.9
0.0	0.0	45°	2287.7	1123.5
0.0	0.0	47.5°	3520.0	1858.5
0.0	0.0	50°	4306.4	2372.0
0.0	0.0	52.5°	4370.7	2368.1
0.0	0.0	55°	3989.8	2105.3
0.0	0.0	57.5°	3404.3	1759.6
0.0	0.0	60°	2829.5	1391.8
0.0	0.0	62.5°	2229.4	961.1
0.0	0.0	65°	1629.3	679.8
0.0	0.0	67.5°	1170.3	508.1
		70°	769.5	389.3
		72.5°	501.2	317.3
		75°	337.2	262.9
		77.5°	197.0	174.7
		80°	69.7	61.3
		82.5°	13.0	9.2
		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: P1049434
CATALOG NUMBER: GALN-SA3B-950-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-17

Test Date: 10/11/2024

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

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

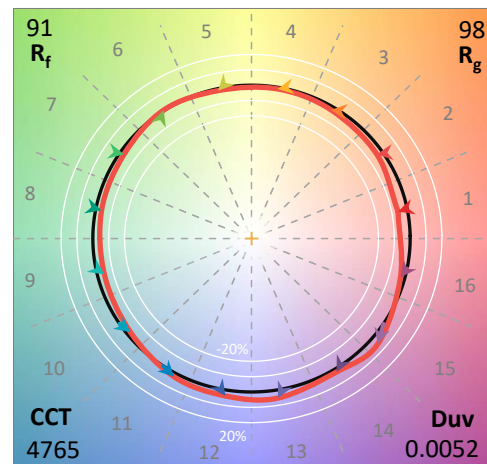
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-17
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-950-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 5000K CCT 26 LEDS

Spectral Parameters

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

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



Test Conditions

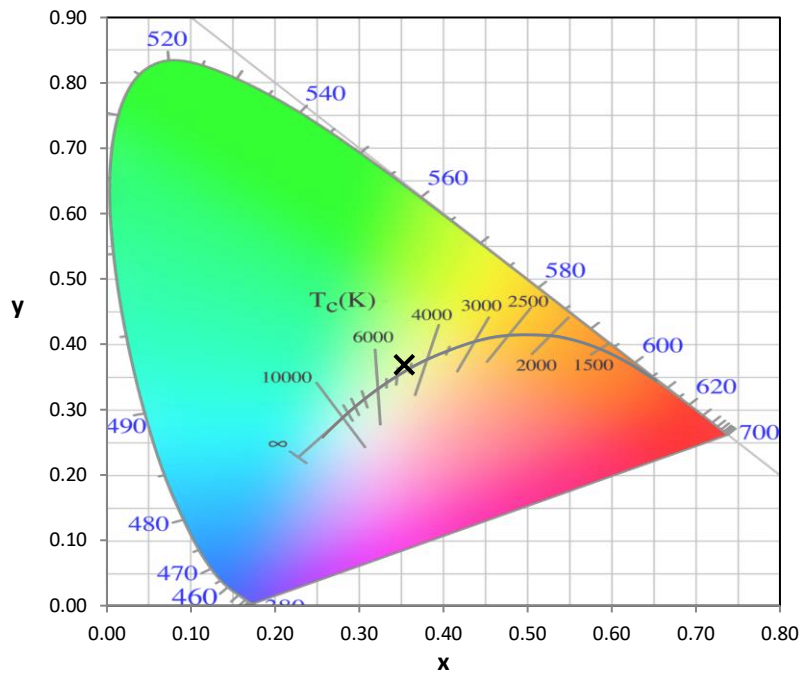
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-17

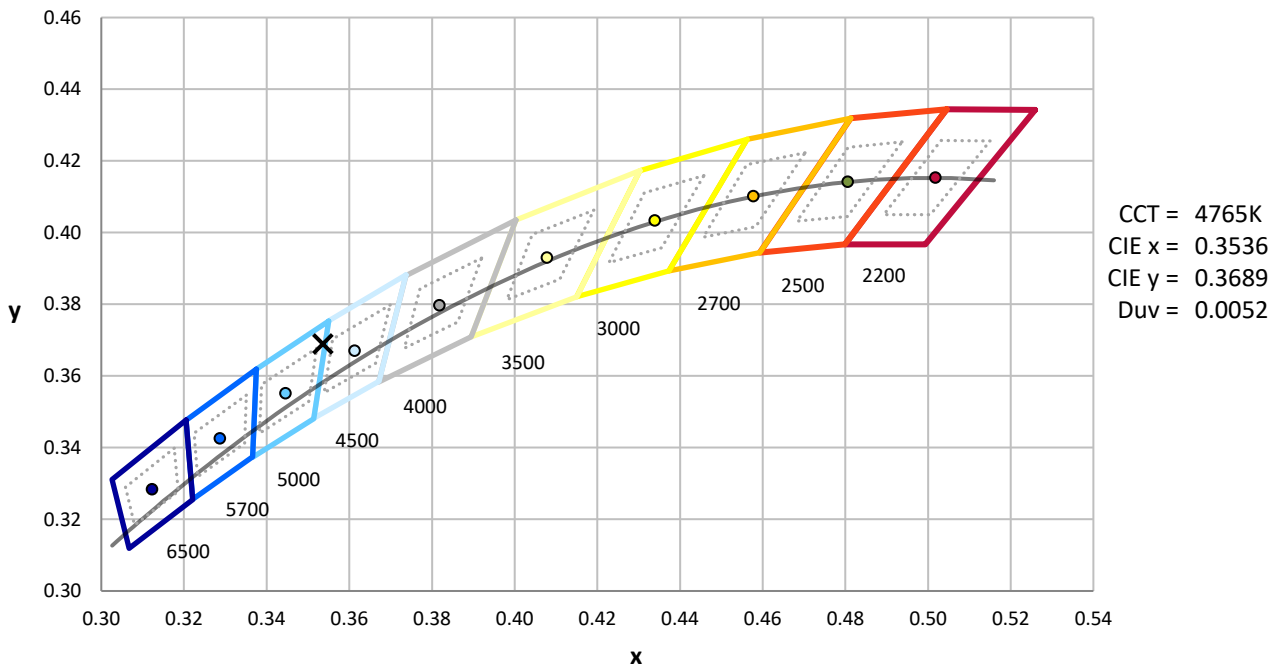
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-17

CIE 1931 Chromaticity Diagram



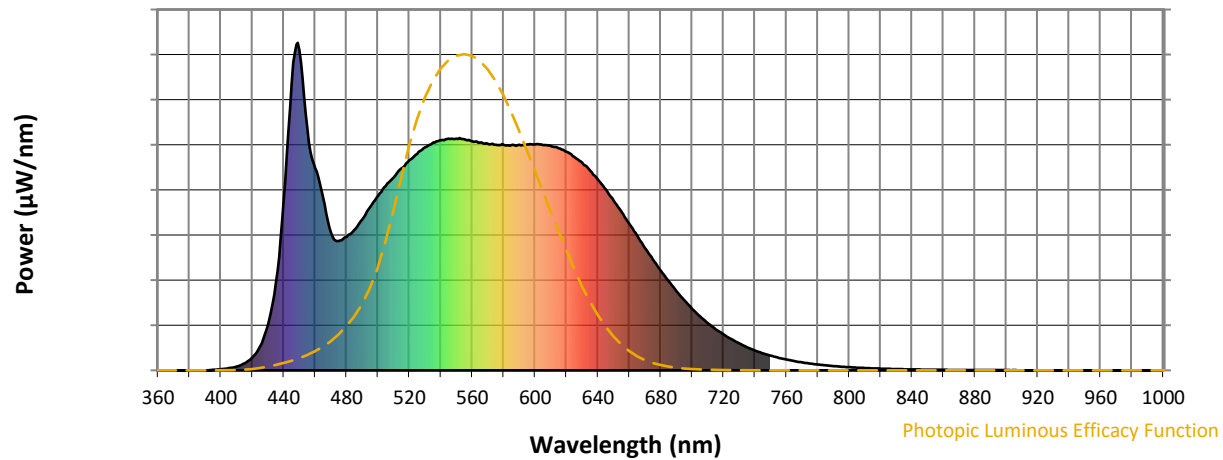
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-17

Photopic Flux vs. Wavelength

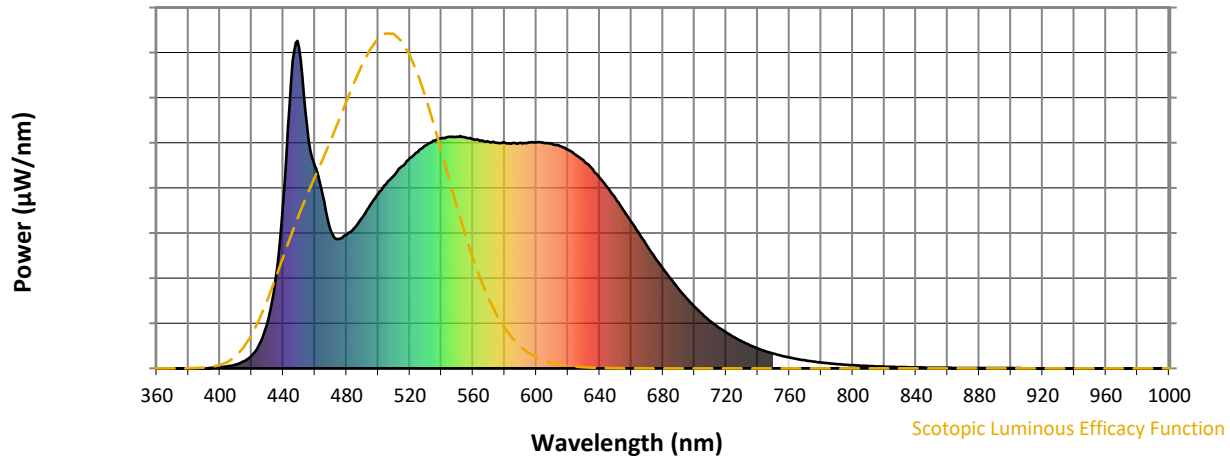


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-17

Scotopic Flux vs. Wavelength



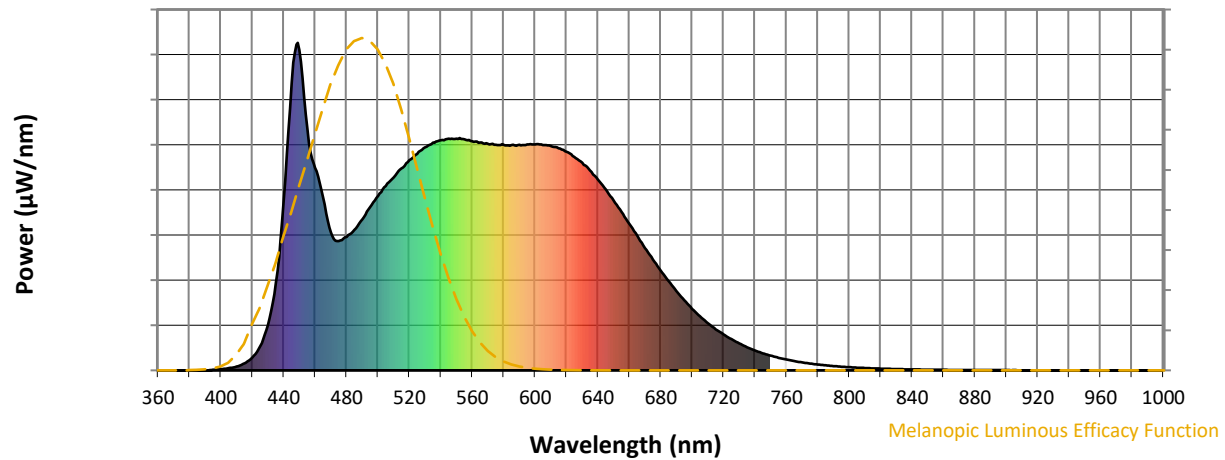
Scotopic Lumens: NR

S/P: 1.99

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

REPORT NUMBER: SP1-2407-184-17

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 4.22

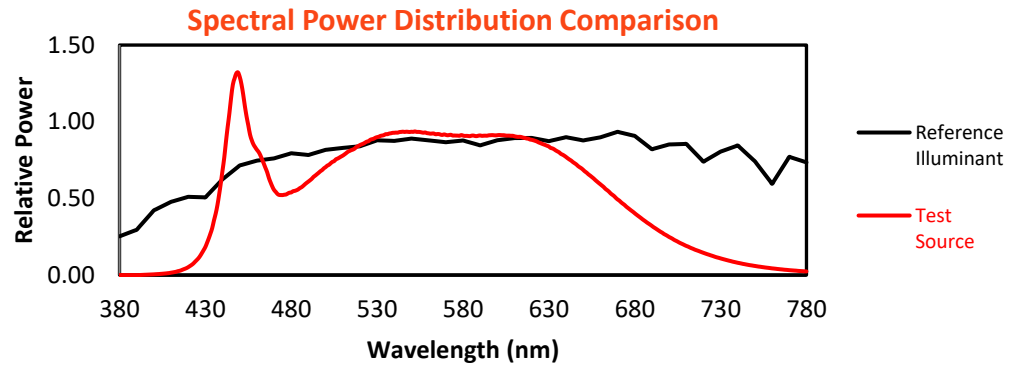
λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR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

REPORT NUMBER: SP1-2407-184-17

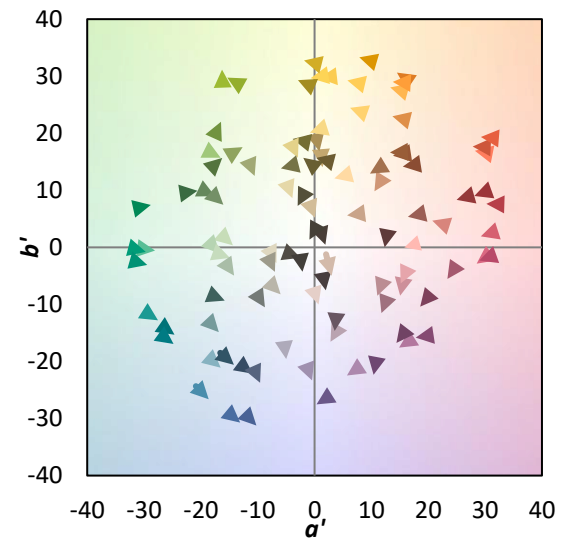
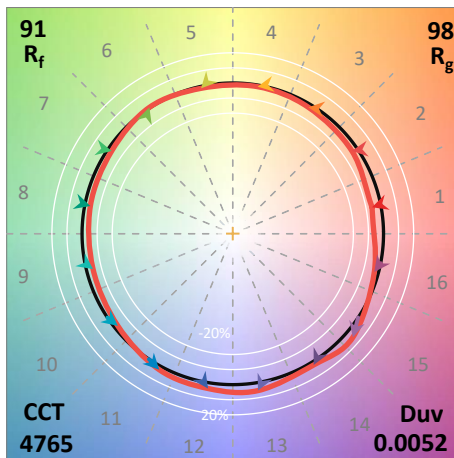
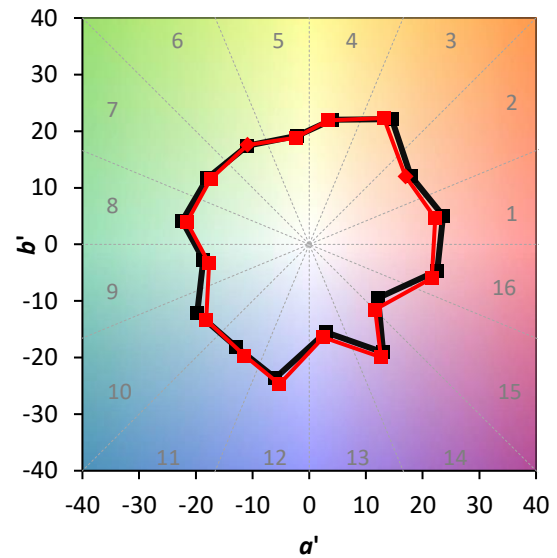
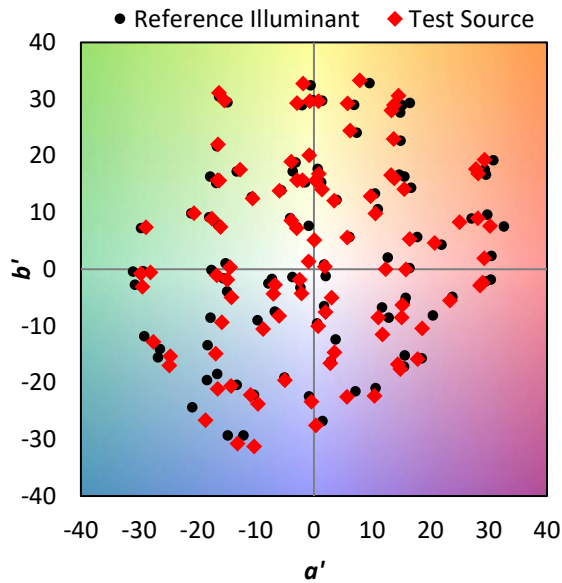
TM-30-18

Summary

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

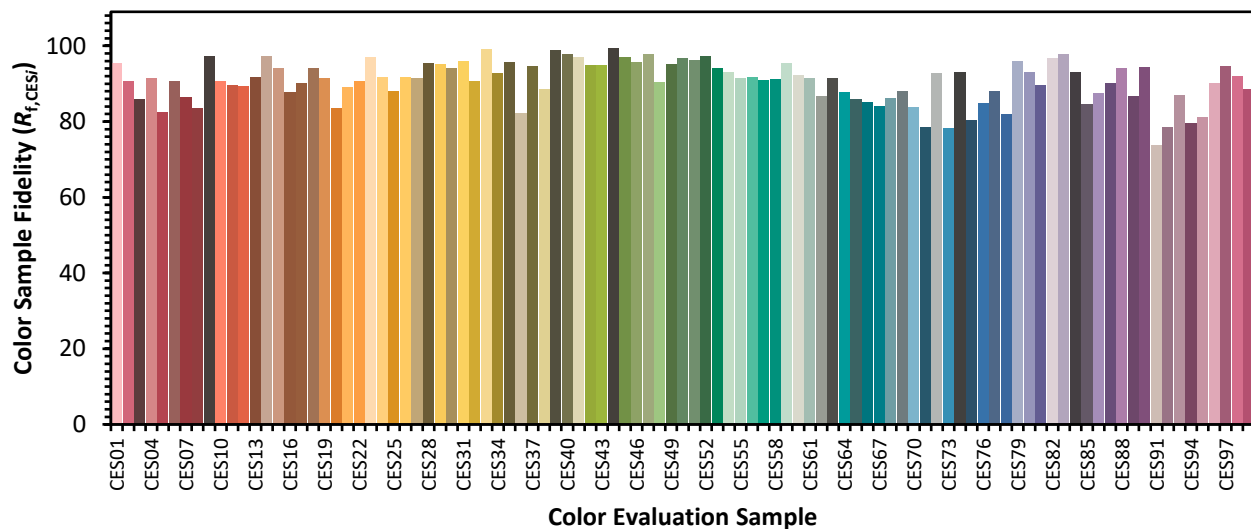


Color Vector Graphics

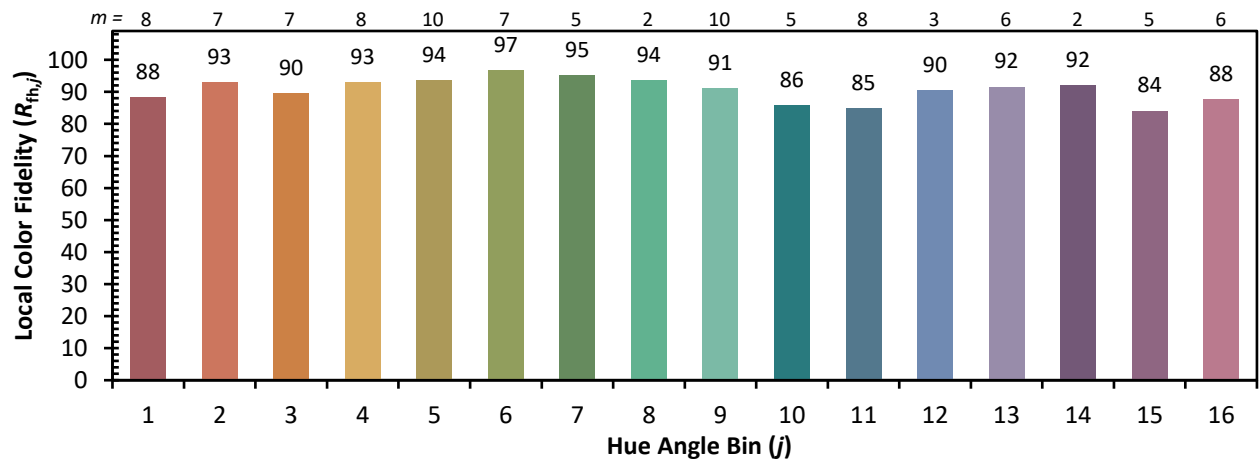
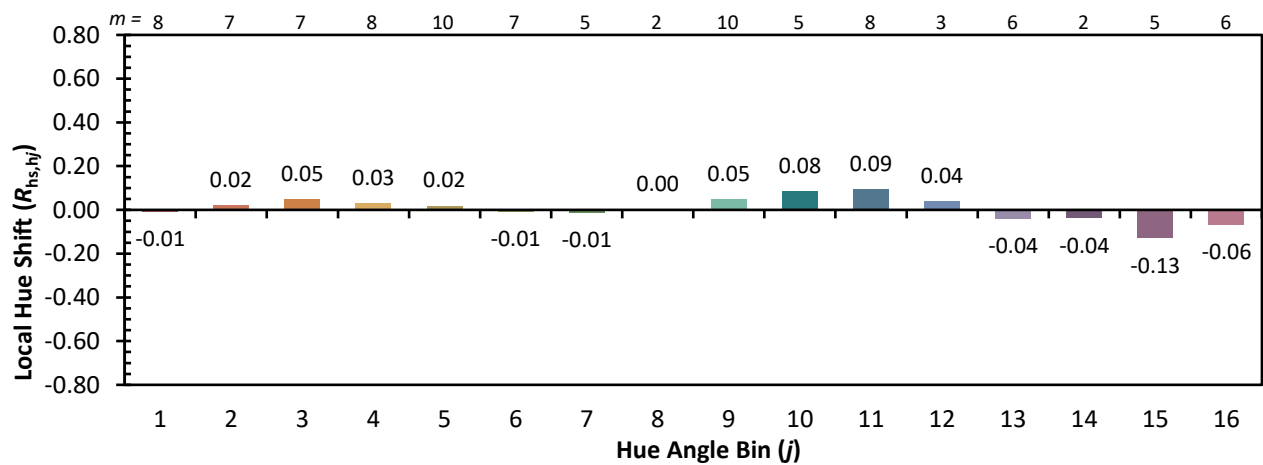
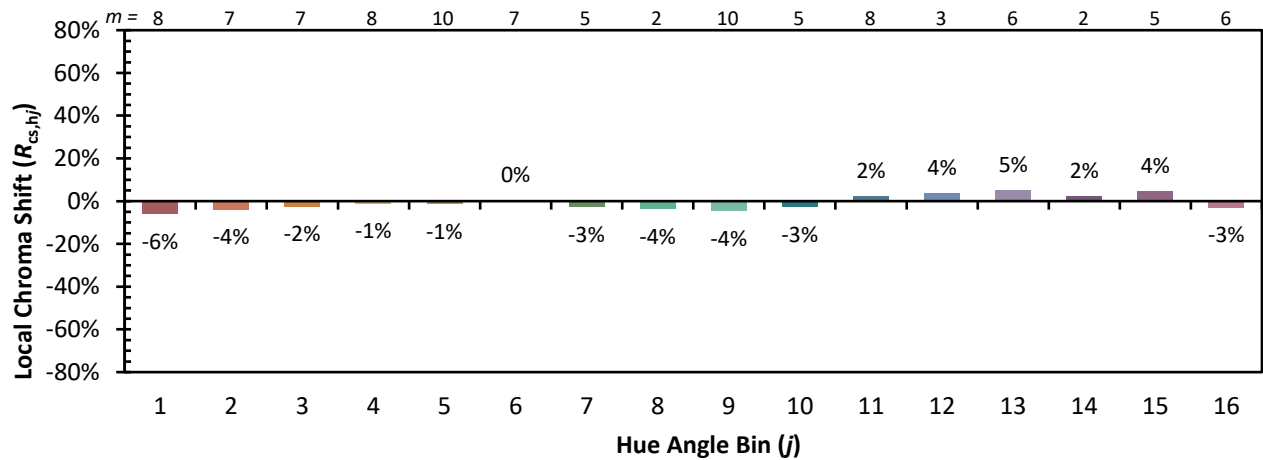


Individual Sample Fidelity Index ($R_{f,i}$)

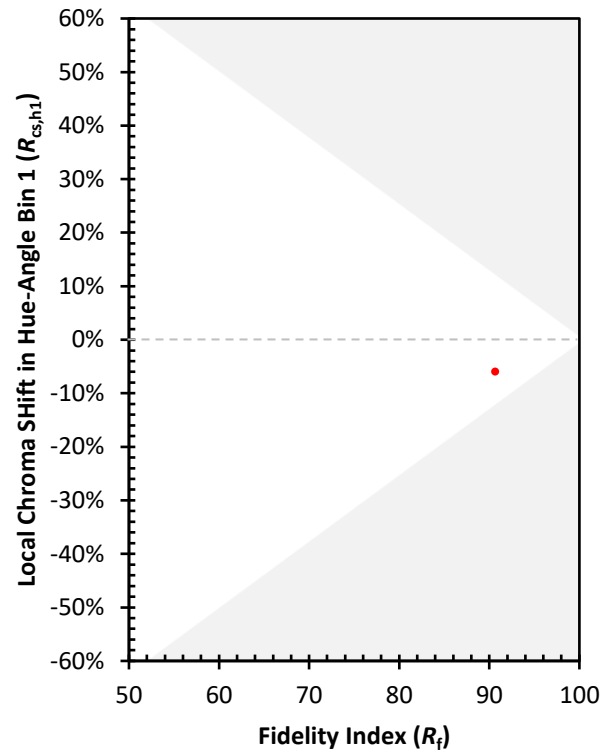
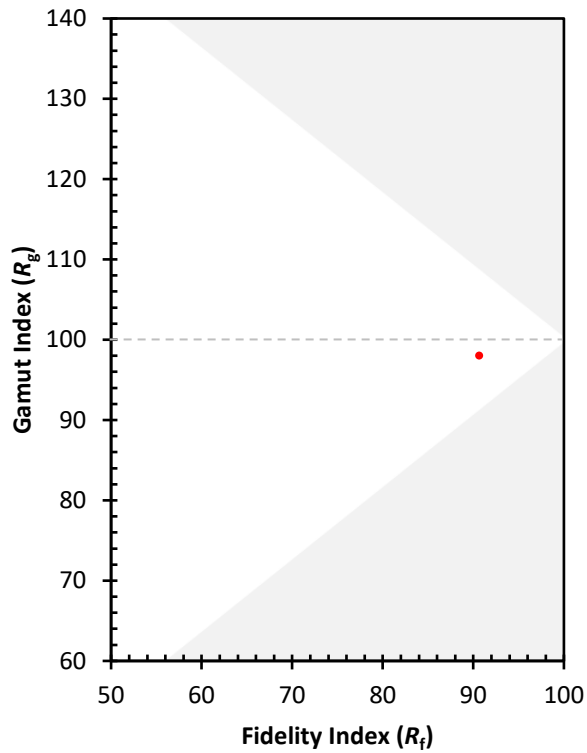
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)