

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: P1049455

Luminaire Tested: **GALN-SA8C-950-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049455
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8C-950-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE
90CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

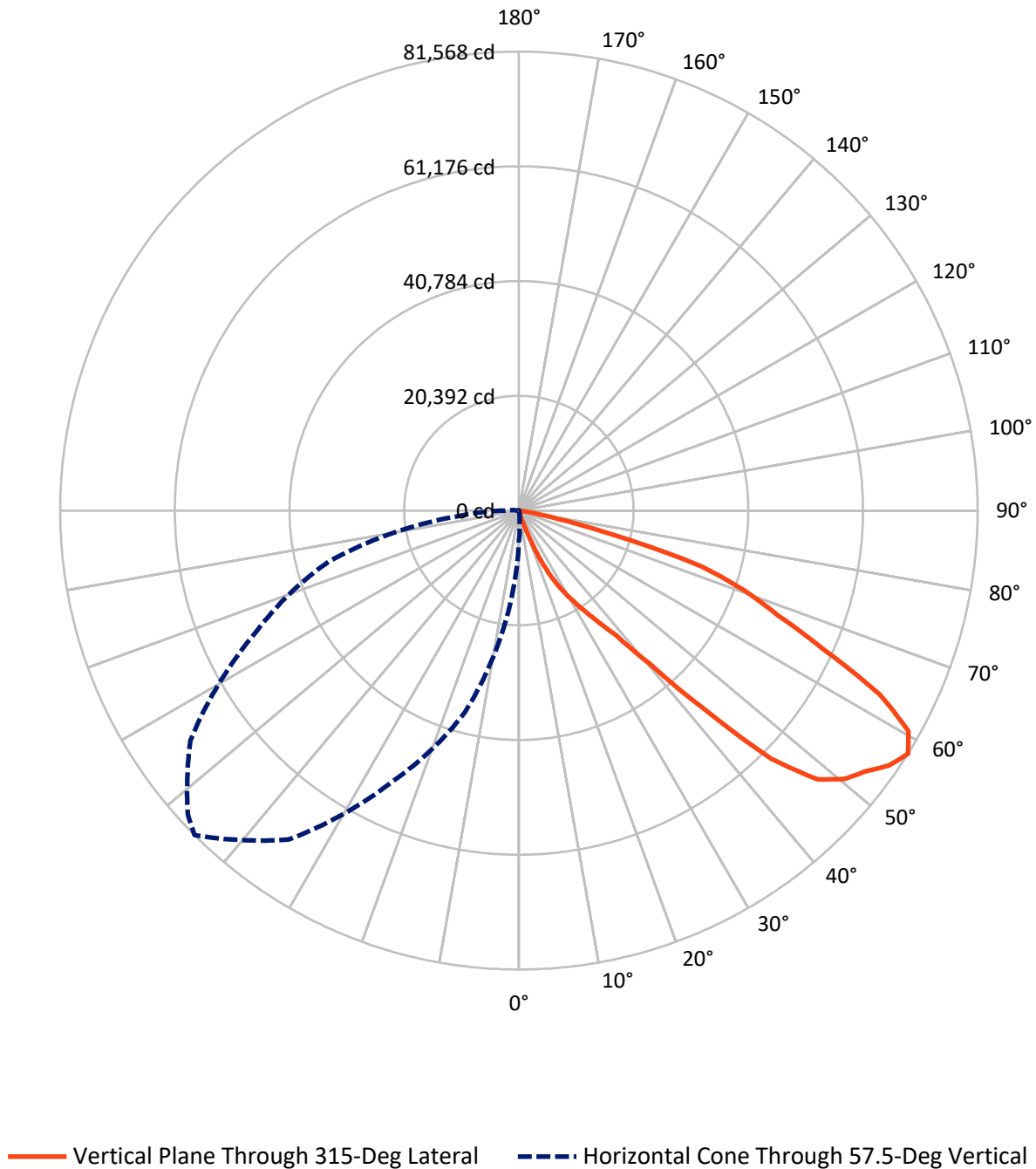
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31809.2 lumens
Efficiency: N/A
Efficacy: 85.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 372.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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CATALOG NUMBER: GALN-SA8C-950-U-RBC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	159.3	0.0	159.3
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	31649.9	0.0	31649.9
	% Fixture	99.5	0.0	99.5
Total	Lumens	31809.2	0.0	31809.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.5	0.0
10°-20°	69.9	0.2
20°-30°	753.8	2.4
30°-40°	2229.2	7.0
40°-50°	6643.7	20.9
50°-60°	10534.5	33.1
60°-70°	8793.7	27.6
70°-80°	2711.7	8.5
80°-90°	60.3	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°	31809.2	100.0
0°-180°	31809.2	100.0



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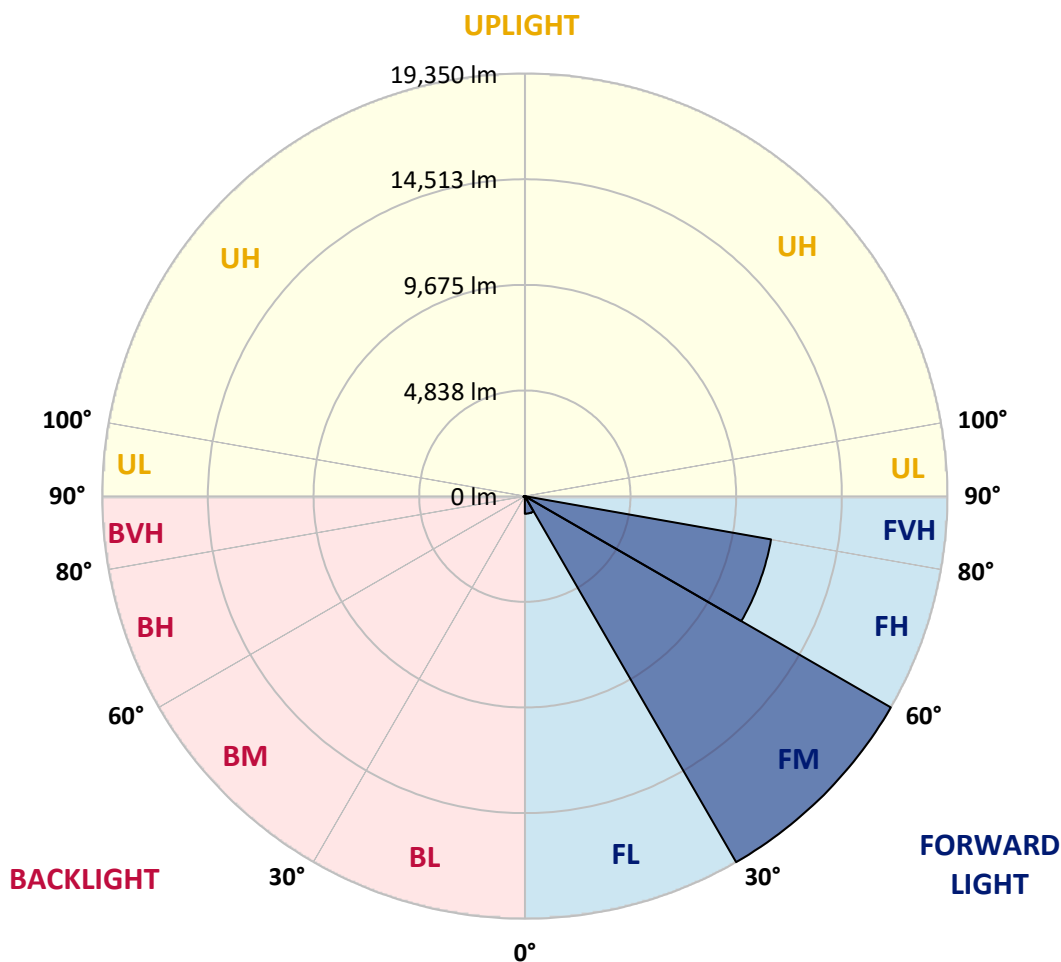
CATALOG NUMBER: GALN-SA8C-950-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	806.9	2.5			
FM	(30°-60°)	19350.4	60.8			
FH	(60°-80°)	11446.0	36.0			G4/12000
FVH	(80°-90°)	46.6	0.1			G1/100
BL	(0°-30°)	29.3	0.1	B0/110		
BM	(30°-60°)	56.9	0.2	B0/220		
BH	(60°-80°)	59.4	0.2	B0/110		G0/110
BVH	(80°-90°)	13.7	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4
2.5°	127.4	127.4	127.4	127.4	125.0	125.0	122.6	122.6	120.2	120.2
5°	134.6	134.6	132.2	129.8	129.8	127.4	125.0	122.6	122.6	120.2
7.5°	146.6	144.2	141.8	139.4	134.6	132.2	127.4	125.0	122.6	117.8
10°	161.1	156.2	151.4	146.6	141.8	137.0	132.2	129.8	125.0	122.6
12.5°	180.3	173.1	163.5	156.2	151.4	144.2	139.4	134.6	127.4	122.6
15°	197.1	187.5	175.5	165.9	158.7	149.0	141.8	134.6	129.8	122.6
17.5°	221.1	204.3	185.1	173.1	163.5	151.4	139.4	132.2	125.0	115.4
20°	262.0	228.4	192.3	177.9	163.5	149.0	134.6	125.0	117.8	108.2
22.5°	326.9	269.2	211.5	189.9	170.7	149.0	129.8	120.2	110.6	101.0
25°	451.9	348.5	245.2	216.3	187.5	158.7	129.8	117.8	108.2	96.2
27.5°	600.9	447.1	290.9	250.0	211.5	170.7	129.8	115.4	103.4	88.9
30°	752.4	548.1	341.3	288.5	235.6	182.7	129.8	113.0	98.6	81.7
32.5°	896.6	641.8	384.6	322.1	259.6	194.7	132.2	113.0	93.7	74.5
35°	1043.2	718.7	391.8	326.9	262.0	194.7	129.8	108.2	88.9	67.3
37.5°	1230.7	805.3	377.4	312.5	250.0	185.1	122.6	103.4	84.1	62.5
40°	1514.4	949.5	384.6	317.3	250.0	182.7	115.4	96.2	79.3	60.1
42.5°	2038.4	1228.3	415.9	338.9	262.0	182.7	105.8	88.9	74.5	57.7
45°	3524.0	2040.8	557.7	442.3	326.9	211.5	96.2	81.7	69.7	55.3
47.5°	5829.2	3415.8	1002.4	774.0	548.1	319.7	93.7	81.7	69.7	55.3
50°	7439.7	4350.9	1262.0	971.1	680.3	389.4	98.6	84.1	72.1	57.7
52.5°	7427.7	4418.2	1406.2	1079.3	754.8	427.9	103.4	88.9	76.9	62.5
55°	6603.2	4019.1	1432.7	1100.9	771.6	439.9	110.6	96.2	81.7	67.3
57.5°	5519.1	3413.4	1307.7	1012.0	718.7	423.1	127.4	110.6	96.2	79.3
60°	4365.3	2692.2	1019.2	805.3	593.7	379.8	168.3	146.6	127.4	105.8
62.5°	3014.4	1951.9	889.4	713.9	540.9	365.4	192.3	170.7	151.4	129.8
65°	2132.2	1468.7	802.9	653.8	507.2	358.2	209.1	185.1	163.5	139.4
67.5°	1593.7	1168.2	740.4	613.0	485.6	358.2	230.8	201.9	175.5	146.6
70°	1221.1	959.1	694.7	591.3	490.4	387.0	283.6	242.8	204.3	163.5
72.5°	995.2	819.7	641.8	567.3	492.8	418.3	343.7	290.9	238.0	182.7
75°	824.5	701.9	579.3	516.8	456.7	394.2	331.7	283.6	238.0	189.9
77.5°	548.1	500.0	449.5	413.5	377.4	338.9	302.9	262.0	223.6	182.7
80°	192.3	185.1	177.9	192.3	206.7	221.1	235.6	206.7	180.3	151.4
82.5°	28.8	26.4	24.0	26.4	28.8	31.2	33.7	36.1	38.5	40.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA8C-950-U-RBC

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°	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4
0.0	2.5°	117.8	117.8	115.4	115.4	115.4	113.0	113.0	110.6	110.6	110.6
0.0	5°	115.4	115.4	113.0	110.6	108.2	108.2	105.8	103.4	103.4	101.0
0.0	7.5°	113.0	110.6	108.2	105.8	103.4	101.0	98.6	96.2	96.2	93.7
0.0	10°	115.4	110.6	108.2	103.4	101.0	98.6	93.7	91.3	88.9	88.9
0.0	12.5°	110.6	108.2	103.4	98.6	96.2	91.3	88.9	84.1	81.7	81.7
0.0	15°	110.6	105.8	98.6	93.7	88.9	86.5	81.7	76.9	74.5	72.1
0.0	17.5°	103.4	98.6	91.3	86.5	81.7	76.9	72.1	67.3	64.9	62.5
0.0	20°	93.7	88.9	81.7	74.5	69.7	64.9	60.1	55.3	52.9	50.5
0.0	22.5°	84.1	79.3	72.1	64.9	60.1	55.3	48.1	43.3	40.9	36.1
0.0	25°	79.3	72.1	64.9	57.7	50.5	45.7	38.5	31.2	26.4	21.6
0.0	27.5°	67.3	60.1	52.9	45.7	38.5	31.2	24.0	16.8	12.0	9.6
0.0	30°	57.7	50.5	43.3	36.1	26.4	19.2	12.0	2.4	2.4	2.4
0.0	32.5°	48.1	40.9	31.2	24.0	19.2	12.0	7.2	0.0	0.0	0.0
0.0	35°	38.5	31.2	21.6	14.4	12.0	7.2	4.8	0.0	0.0	0.0
0.0	37.5°	33.7	26.4	16.8	7.2	4.8	4.8	2.4	0.0	0.0	0.0
0.0	40°	31.2	21.6	12.0	2.4	2.4	2.4	0.0	0.0	0.0	0.0
0.0	42.5°	31.2	21.6	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	31.2	21.6	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	31.2	21.6	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	33.7	24.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	38.5	28.8	19.2	9.6	7.2	4.8	2.4	0.0	0.0	0.0
0.0	55°	48.1	43.3	36.1	31.2	24.0	16.8	7.2	0.0	0.0	0.0
0.0	57.5°	62.5	62.5	60.1	57.7	43.3	28.8	14.4	0.0	0.0	0.0
0.0	60°	84.1	84.1	84.1	84.1	62.5	43.3	21.6	0.0	0.0	0.0
0.0	62.5°	103.4	98.6	91.3	86.5	64.9	43.3	21.6	0.0	0.0	0.0
0.0	65°	103.4	93.7	81.7	69.7	52.9	36.1	16.8	0.0	0.0	0.0
0.0	67.5°	96.2	76.9	55.3	36.1	26.4	19.2	9.6	0.0	0.0	0.0
	70°	96.2	67.3	38.5	9.6	7.2	4.8	2.4	0.0	0.0	0.0
	72.5°	96.2	64.9	31.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	105.8	72.1	36.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	105.8	72.1	36.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	93.7	62.5	31.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	31.2	21.6	9.6	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°	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4
0.0	2.5°	108.2	108.2	108.2	105.8	105.8	105.8	105.8	103.4	103.4	103.4
0.0	5°	98.6	98.6	96.2	96.2	93.7	93.7	91.3	91.3	88.9	88.9
0.0	7.5°	91.3	88.9	88.9	86.5	84.1	84.1	81.7	81.7	79.3	76.9
0.0	10°	84.1	81.7	81.7	79.3	76.9	74.5	74.5	72.1	69.7	67.3
0.0	12.5°	76.9	74.5	72.1	69.7	67.3	64.9	64.9	62.5	60.1	57.7
0.0	15°	67.3	64.9	62.5	60.1	57.7	55.3	55.3	52.9	50.5	48.1
0.0	17.5°	57.7	55.3	55.3	52.9	50.5	48.1	45.7	40.9	38.5	36.1
0.0	20°	43.3	40.9	38.5	36.1	33.7	28.8	26.4	21.6	16.8	14.4
0.0	22.5°	28.8	24.0	21.6	16.8	12.0	9.6	7.2	2.4	0.0	0.0
0.0	25°	9.6	7.2	4.8	2.4	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: P1049455

CATALOG NUMBER: GALN-SA8C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049455

CATALOG NUMBER: GALN-SA8C-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°	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4
0.0	2.5°	101.0	101.0	101.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6
0.0	5°	86.5	86.5	86.5	84.1	84.1	81.7	81.7	81.7	79.3	79.3
0.0	7.5°	74.5	72.1	72.1	69.7	69.7	67.3	67.3	67.3	64.9	64.9
0.0	10°	62.5	60.1	60.1	57.7	57.7	55.3	55.3	52.9	52.9	50.5
0.0	12.5°	55.3	52.9	50.5	48.1	48.1	45.7	43.3	43.3	40.9	38.5
0.0	15°	43.3	40.9	38.5	36.1	33.7	31.2	28.8	28.8	26.4	24.0
0.0	17.5°	28.8	24.0	21.6	19.2	19.2	16.8	14.4	12.0	9.6	7.2
0.0	20°	7.2	4.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049455

CATALOG NUMBER: GALN-SA8C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049455

CATALOG NUMBER: GALN-SA8C-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°	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4
0.0	2.5°	98.6	96.2	96.2	96.2	98.6	98.6	98.6	98.6	98.6	98.6
0.0	5°	79.3	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
0.0	7.5°	64.9	62.5	62.5	62.5	62.5	60.1	60.1	60.1	60.1	60.1
0.0	10°	50.5	48.1	48.1	48.1	48.1	45.7	45.7	45.7	45.7	45.7
0.0	12.5°	36.1	36.1	33.7	33.7	33.7	31.2	31.2	31.2	31.2	28.8
0.0	15°	21.6	19.2	16.8	16.8	16.8	14.4	14.4	14.4	14.4	12.0
0.0	17.5°	4.8	4.8	2.4	2.4	2.4	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA8C-950-U-RBC

[illegible]

REPORT NUMBER: P1049455

CATALOG NUMBER: GALN-SA8C-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°	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4
0.0	2.5°	101.0	101.0	103.4	103.4	105.8	110.6	113.0	115.4	120.2	125.0
0.0	5°	79.3	81.7	81.7	84.1	86.5	88.9	91.3	93.7	98.6	103.4
0.0	7.5°	62.5	62.5	64.9	64.9	67.3	72.1	74.5	76.9	81.7	88.9
0.0	10°	48.1	48.1	50.5	50.5	52.9	57.7	60.1	62.5	67.3	74.5
0.0	12.5°	31.2	33.7	33.7	36.1	38.5	43.3	45.7	48.1	52.9	57.7
0.0	15°	14.4	16.8	16.8	19.2	21.6	26.4	28.8	31.2	36.1	43.3
0.0	17.5°	2.4	2.4	4.8	4.8	7.2	9.6	12.0	14.4	21.6	26.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	9.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049455

CATALOG NUMBER: GALN-SA8C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049455

CATALOG NUMBER: GALN-SA8C-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°	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4
0.0	2.5°	132.2	137.0	141.8	146.6	151.4	156.2	158.7	163.5	165.9	168.3
0.0	5°	113.0	117.8	125.0	129.8	134.6	139.4	144.2	146.6	149.0	151.4
0.0	7.5°	98.6	103.4	110.6	115.4	120.2	125.0	129.8	134.6	137.0	139.4
0.0	10°	84.1	91.3	96.2	103.4	108.2	113.0	117.8	122.6	127.4	129.8
0.0	12.5°	67.3	74.5	81.7	86.5	93.7	101.0	105.8	110.6	115.4	120.2
0.0	15°	52.9	60.1	67.3	72.1	79.3	86.5	93.7	98.6	103.4	108.2
0.0	17.5°	38.5	45.7	52.9	57.7	64.9	72.1	76.9	84.1	88.9	93.7
0.0	20°	19.2	26.4	33.7	40.9	48.1	55.3	60.1	67.3	72.1	76.9
0.0	22.5°	2.4	9.6	16.8	21.6	28.8	36.1	40.9	48.1	52.9	57.7
0.0	25°	0.0	2.4	7.2	9.6	12.0	16.8	21.6	26.4	31.2	36.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.4	4.8	9.6	14.4	19.2
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8
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	2.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	4.8
	85°	0.0	0.0	0.0	0.0	0.0	4.8	7.2	12.0	14.4	16.8
	87.5°	0.0	2.4	4.8	7.2	9.6	14.4	19.2	24.0	26.4	28.8
	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: P1049455

CATALOG NUMBER: GALN-SA8C-950-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
139.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.2	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											
2.4											
9.6											
21.6											
31.2											
0.0											
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REPORT NUMBER: P1049455

CATALOG NUMBER: GALN-SA8C-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°	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4
0.0	2.5°	170.7	170.7	170.7	170.7	168.3	168.3	168.3	165.9	165.9	163.5
0.0	5°	156.2	158.7	158.7	158.7	158.7	158.7	158.7	158.7	156.2	156.2
0.0	7.5°	144.2	146.6	149.0	149.0	151.4	151.4	151.4	149.0	149.0	146.6
0.0	10°	137.0	139.4	139.4	141.8	141.8	141.8	141.8	141.8	141.8	141.8
0.0	12.5°	127.4	129.8	132.2	132.2	134.6	134.6	134.6	134.6	132.2	132.2
0.0	15°	115.4	120.2	122.6	125.0	125.0	127.4	127.4	127.4	127.4	127.4
0.0	17.5°	105.8	110.6	113.0	115.4	115.4	117.8	117.8	120.2	120.2	120.2
0.0	20°	86.5	91.3	93.7	98.6	101.0	103.4	105.8	108.2	108.2	110.6
0.0	22.5°	67.3	72.1	74.5	79.3	81.7	84.1	86.5	88.9	91.3	93.7
0.0	25°	48.1	52.9	55.3	60.1	62.5	64.9	67.3	69.7	69.7	72.1
0.0	27.5°	26.4	31.2	36.1	38.5	43.3	45.7	48.1	50.5	52.9	55.3
0.0	30°	12.0	14.4	16.8	21.6	24.0	26.4	28.8	33.7	36.1	38.5
0.0	32.5°	0.0	0.0	2.4	7.2	9.6	12.0	14.4	16.8	16.8	19.2
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.8	7.2	9.6
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°	4.8	4.8	4.8	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	82.5°	12.0	14.4	16.8	16.8	19.2	19.2	19.2	19.2	16.8	16.8
	85°	24.0	26.4	28.8	28.8	31.2	31.2	31.2	31.2	31.2	31.2
	87.5°	33.7	36.1	38.5	38.5	40.9	40.9	40.9	40.9	40.9	40.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049455

CATALOG NUMBER: GALN-SA8C-950-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
139.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	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											
7.2											
16.8											
31.2											
40.9											
0.0											
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REPORT NUMBER: P1049455

CATALOG NUMBER: GALN-SA8C-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°	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4
0.0	2.5°	161.1	161.1	158.7	158.7	158.7	158.7	158.7	161.1	163.5	163.5
0.0	5°	153.8	153.8	151.4	151.4	151.4	153.8	153.8	156.2	158.7	161.1
0.0	7.5°	146.6	144.2	144.2	146.6	146.6	149.0	149.0	151.4	153.8	156.2
0.0	10°	141.8	139.4	139.4	139.4	141.8	141.8	144.2	146.6	149.0	151.4
0.0	12.5°	132.2	132.2	132.2	132.2	134.6	134.6	137.0	139.4	144.2	146.6
0.0	15°	127.4	125.0	125.0	125.0	125.0	127.4	127.4	132.2	137.0	139.4
0.0	17.5°	117.8	117.8	115.4	115.4	117.8	117.8	120.2	125.0	129.8	132.2
0.0	20°	108.2	105.8	103.4	103.4	105.8	105.8	108.2	113.0	117.8	120.2
0.0	22.5°	93.7	91.3	91.3	91.3	91.3	93.7	93.7	98.6	105.8	110.6
0.0	25°	74.5	76.9	76.9	79.3	79.3	81.7	84.1	88.9	96.2	101.0
0.0	27.5°	57.7	60.1	60.1	64.9	67.3	69.7	72.1	79.3	86.5	91.3
0.0	30°	43.3	45.7	48.1	50.5	55.3	60.1	64.9	72.1	79.3	84.1
0.0	32.5°	26.4	31.2	33.7	38.5	43.3	48.1	52.9	60.1	69.7	76.9
0.0	35°	19.2	21.6	26.4	28.8	33.7	38.5	43.3	52.9	60.1	69.7
0.0	37.5°	9.6	14.4	19.2	24.0	28.8	33.7	38.5	48.1	57.7	64.9
0.0	40°	7.2	12.0	14.4	19.2	26.4	31.2	36.1	45.7	55.3	64.9
0.0	42.5°	4.8	7.2	9.6	16.8	21.6	28.8	36.1	45.7	55.3	64.9
0.0	45°	4.8	4.8	7.2	14.4	21.6	31.2	38.5	48.1	55.3	64.9
0.0	47.5°	4.8	7.2	9.6	19.2	24.0	31.2	38.5	45.7	55.3	62.5
0.0	50°	7.2	9.6	12.0	21.6	26.4	33.7	38.5	48.1	55.3	64.9
0.0	52.5°	4.8	7.2	9.6	19.2	26.4	36.1	43.3	52.9	62.5	69.7
0.0	55°	2.4	2.4	2.4	14.4	28.8	40.9	55.3	62.5	72.1	79.3
0.0	57.5°	0.0	0.0	0.0	9.6	28.8	45.7	62.5	72.1	81.7	88.9
0.0	60°	0.0	0.0	0.0	9.6	28.8	45.7	62.5	74.5	86.5	98.6
0.0	62.5°	0.0	0.0	0.0	9.6	24.0	38.5	52.9	72.1	93.7	113.0
0.0	65°	0.0	0.0	0.0	7.2	19.2	31.2	43.3	72.1	101.0	127.4
0.0	67.5°	0.0	0.0	0.0	7.2	19.2	28.8	40.9	72.1	101.0	132.2
	70°	0.0	0.0	0.0	7.2	19.2	31.2	43.3	72.1	101.0	129.8
	72.5°	0.0	0.0	0.0	7.2	21.6	33.7	48.1	72.1	96.2	120.2
	75°	0.0	0.0	0.0	9.6	21.6	36.1	50.5	72.1	93.7	113.0
	77.5°	0.0	0.0	0.0	7.2	21.6	33.7	48.1	69.7	91.3	110.6
	80°	7.2	4.8	4.8	12.0	21.6	31.2	40.9	62.5	86.5	108.2
	82.5°	14.4	14.4	12.0	16.8	21.6	28.8	36.1	55.3	76.9	96.2
	85°	28.8	28.8	26.4	28.8	28.8	31.2	33.7	43.3	52.9	62.5
	87.5°	38.5	38.5	36.1	36.1	36.1	33.7	33.7	33.7	33.7	31.2
	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: P1049455

CATALOG NUMBER: GALN-SA8C-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
139.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.7											
144.2											
134.6											
132.2											
129.8											
115.4											
72.1											
31.2											
0.0											
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0.0											

REPORT NUMBER: P1049455

CATALOG NUMBER: GALN-SA8C-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°	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4
0.0	2.5°	168.3	170.7	170.7	173.1	175.5	177.9	177.9	180.3	180.3	180.3
0.0	5°	165.9	170.7	173.1	175.5	177.9	180.3	182.7	185.1	187.5	187.5
0.0	7.5°	163.5	165.9	170.7	173.1	177.9	180.3	185.1	187.5	189.9	192.3
0.0	10°	158.7	163.5	168.3	173.1	177.9	182.7	187.5	192.3	197.1	199.5
0.0	12.5°	153.8	161.1	165.9	170.7	177.9	185.1	189.9	197.1	201.9	206.7
0.0	15°	151.4	156.2	163.5	168.3	177.9	187.5	194.7	204.3	213.9	221.1
0.0	17.5°	144.2	153.8	161.1	168.3	177.9	189.9	199.5	209.1	223.6	238.0
0.0	20°	134.6	141.8	151.4	158.7	173.1	185.1	199.5	211.5	233.2	254.8
0.0	22.5°	125.0	134.6	141.8	151.4	168.3	182.7	199.5	213.9	250.0	283.6
0.0	25°	115.4	127.4	137.0	146.6	165.9	185.1	204.3	223.6	283.6	343.7
0.0	27.5°	110.6	120.2	132.2	141.8	165.9	192.3	216.3	240.4	336.5	430.3
0.0	30°	103.4	115.4	125.0	137.0	168.3	199.5	230.8	262.0	408.6	555.3
0.0	32.5°	96.2	108.2	120.2	132.2	173.1	213.9	252.4	293.3	485.6	675.5
0.0	35°	88.9	103.4	115.4	127.4	180.3	235.6	288.5	341.3	555.3	766.8
0.0	37.5°	86.5	101.0	113.0	125.0	182.7	238.0	295.7	351.0	562.5	774.0
0.0	40°	88.9	101.0	115.4	127.4	175.5	223.6	269.2	317.3	538.4	757.2
0.0	42.5°	88.9	103.4	117.8	132.2	170.7	209.1	247.6	286.1	531.2	776.4
0.0	45°	86.5	101.0	115.4	129.8	165.9	199.5	235.6	269.2	574.5	877.4
0.0	47.5°	84.1	98.6	113.0	127.4	163.5	199.5	235.6	271.6	742.8	1211.5
0.0	50°	84.1	98.6	110.6	122.6	165.9	211.5	254.8	298.1	1081.7	1862.9
0.0	52.5°	88.9	101.0	110.6	120.2	170.7	223.6	274.0	324.5	1375.0	2423.0
0.0	55°	96.2	103.4	113.0	120.2	182.7	242.8	305.3	365.4	1463.9	2562.4
0.0	57.5°	105.8	113.0	120.2	127.4	204.3	281.2	355.8	432.7	1471.1	2507.2
0.0	60°	117.8	127.4	134.6	141.8	223.6	307.7	389.4	471.1	1331.7	2189.9
0.0	62.5°	144.2	156.2	165.9	177.9	257.2	334.1	413.5	490.4	1105.7	1721.1
0.0	65°	165.9	175.5	185.1	194.7	271.6	351.0	427.9	504.8	937.5	1370.2
0.0	67.5°	170.7	180.3	187.5	197.1	276.4	355.8	432.7	512.0	802.9	1091.3
	70°	173.1	185.1	199.5	211.5	293.3	375.0	454.3	536.0	711.5	887.0
	72.5°	165.9	189.9	211.5	233.2	310.1	384.6	461.5	536.0	661.0	786.0
	75°	165.9	199.5	230.8	262.0	319.7	375.0	432.7	488.0	584.1	680.3
	77.5°	175.5	218.7	262.0	305.3	338.9	370.2	403.8	435.1	497.6	560.1
	80°	175.5	221.1	264.4	310.1	324.5	341.3	355.8	370.2	377.4	384.6
	82.5°	151.4	187.5	223.6	259.6	242.8	226.0	209.1	192.3	180.3	165.9
	85°	76.9	84.1	88.9	93.7	86.5	79.3	72.1	64.9	60.1	52.9
	87.5°	31.2	31.2	28.8	28.8	28.8	28.8	26.4	26.4	26.4	26.4
	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: P1049455

CATALOG NUMBER: GALN-SA8C-950-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
139.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
187.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
194.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
204.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
213.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
233.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
257.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
295.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
377.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
512.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
711.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
963.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1204.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1367.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1490.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1612.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1853.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2334.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3557.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5449.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6860.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7016.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6331.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5413.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4230.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3197.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2360.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1670.6											
1242.8											
903.8											
680.3											
382.2											
173.1											
50.5											
24.0											
0.0											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1049455

CATALOG NUMBER: GALN-SA8C-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°	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4
0.0	2.5°	180.3	177.9	177.9	175.5	173.1	170.7	168.3	165.9	163.5	161.1
0.0	5°	187.5	187.5	187.5	185.1	185.1	182.7	182.7	180.3	177.9	175.5
0.0	7.5°	194.7	197.1	197.1	199.5	199.5	199.5	199.5	197.1	197.1	197.1
0.0	10°	206.7	209.1	211.5	213.9	216.3	218.7	218.7	221.1	221.1	221.1
0.0	12.5°	221.1	228.4	233.2	240.4	245.2	252.4	257.2	264.4	269.2	274.0
0.0	15°	242.8	254.8	269.2	281.2	293.3	310.1	329.3	346.1	363.0	389.4
0.0	17.5°	274.0	312.5	351.0	387.0	425.5	509.6	593.7	675.5	759.6	882.2
0.0	20°	334.1	449.5	562.5	677.9	790.8	1086.5	1379.8	1675.4	1968.7	2283.6
0.0	22.5°	468.7	752.4	1036.0	1319.7	1603.3	2221.1	2836.5	3454.3	4069.6	4793.2
0.0	25°	680.3	1201.9	1723.5	2242.7	2764.4	3730.7	4699.4	5665.7	6632.1	7571.9
0.0	27.5°	990.4	1788.4	2586.5	3382.1	4180.2	5490.3	6802.7	8112.8	9422.9	10485.3
0.0	30°	1372.6	2454.3	3536.0	4617.7	5699.4	7189.7	8680.1	10168.0	11658.4	12819.4
0.0	32.5°	1733.1	3057.6	4382.1	5704.2	7028.7	8725.8	10425.2	12122.3	13819.4	15088.6
0.0	35°	1968.7	3569.6	5173.0	6773.9	8374.8	10211.3	12047.8	13881.9	15718.4	17167.9
0.0	37.5°	2204.3	4052.8	5898.9	7747.4	9593.5	11610.3	13627.1	15643.9	17660.7	19451.5
0.0	40°	2468.7	4636.9	6802.7	8971.0	11136.8	13526.1	15913.1	18302.5	20689.4	23215.8
0.0	42.5°	2927.8	5605.6	8285.9	10963.7	13641.5	16802.5	19963.5	23122.1	26283.1	29888.8
0.0	45°	3790.8	7564.7	11341.1	15115.0	18889.0	23076.4	27266.2	31453.6	35641.0	40439.0
0.0	47.5°	5903.7	11095.9	16285.7	21477.9	26667.7	31189.2	35708.3	40229.9	44749.0	49527.7
0.0	50°	9033.5	15076.6	21119.7	27160.5	33203.6	37294.8	41383.7	45475.0	49563.8	54109.4
0.0	52.5°	11297.8	17593.4	23891.3	30186.8	36482.4	40174.6	43869.2	47561.4	51253.7	55501.2
0.0	55°	11468.5	17728.0	23989.9	30249.3	36508.8	40217.9	43926.9	47636.0	51345.0	55847.3
0.0	57.5°	10153.6	16362.6	22569.2	28778.2	34984.8	39208.3	43429.3	47652.8	51873.8	56741.5
0.0	60°	8636.8	14848.2	21057.2	27268.6	33477.6	38342.9	43210.6	48075.9	52941.1	57501.1
0.0	62.5°	6737.8	13127.1	19518.8	25908.1	32297.4	37237.2	42176.9	47114.3	52054.1	55474.7
0.0	65°	5021.5	11225.7	17429.9	23631.7	29835.9	33792.5	37749.2	41703.4	45660.0	47777.8
0.0	67.5°	3629.7	8980.6	14329.0	19679.9	25028.3	27860.0	30691.6	33520.9	36352.6	37972.7
	70°	2454.3	6160.9	9865.2	13571.8	17276.1	19602.9	21932.2	24259.1	26585.9	28773.4
	72.5°	1699.5	3781.2	5865.3	7946.9	10028.6	12369.9	14708.8	17050.1	19389.0	21703.8
	75°	1127.4	2074.5	3024.0	3971.1	4918.2	6651.3	8386.8	10120.0	11853.1	13232.9
	77.5°	800.5	1084.1	1370.2	1653.8	1937.5	2262.0	2588.9	2913.4	3237.9	3730.7
	80°	379.8	415.9	451.9	485.6	521.6	639.4	757.2	875.0	992.8	1117.8
	82.5°	180.3	194.7	209.1	221.1	235.6	247.6	259.6	271.6	283.6	271.6
	85°	48.1	48.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	48.1
	87.5°	21.6	21.6	21.6	21.6	21.6	21.6	21.6	19.2	19.2	16.8
	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

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CATALOG NUMBER: GALN-SA8C-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
139.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
194.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
223.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
276.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
418.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1002.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2600.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5516.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8511.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11547.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13982.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16360.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18617.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21244.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25742.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33494.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45237.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54306.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58654.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59748.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60352.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61609.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62058.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58897.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49897.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39595.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30958.4											
24018.7											
14612.7											
4223.5											
1242.8											
257.2											
45.7											
16.8											
0.0											
0.0											
0.0											
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0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4
0.0	2.5°	156.2	153.8	151.4	149.0	146.6	141.8	141.8	139.4	139.4
0.0	5°	170.7	168.3	165.9	163.5	163.5	161.1	158.7	158.7	156.2
0.0	7.5°	194.7	192.3	189.9	187.5	187.5	185.1	185.1	182.7	182.7
0.0	10°	223.6	223.6	223.6	223.6	223.6	221.1	221.1	221.1	218.7
0.0	12.5°	281.2	283.6	288.5	293.3	300.5	300.5	300.5	298.1	298.1
0.0	15°	444.7	471.1	490.4	509.6	526.4	564.9	560.1	552.9	548.1
0.0	17.5°	1125.0	1245.2	1310.1	1372.6	1437.5	1615.3	1586.5	1557.7	1531.2
0.0	20°	2915.8	3230.7	3439.8	3649.0	3860.5	4194.6	4112.9	4031.2	3949.4
0.0	22.5°	6237.8	6961.4	7276.3	7591.2	7903.7	8307.5	8045.5	7783.5	7523.9
0.0	25°	9449.3	10389.2	10920.4	11451.7	11980.5	12211.3	11869.9	11526.2	11184.8
0.0	27.5°	12610.3	13672.8	14141.5	14607.8	15076.6	15559.8	15136.7	14711.2	14288.1
0.0	30°	15143.9	16304.9	16812.1	17316.9	17824.1	18160.7	17723.2	17283.3	16845.8
0.0	32.5°	17629.4	18898.6	19453.9	20009.2	20562.0	21045.2	20506.8	19965.9	19427.5
0.0	35°	20064.5	21513.9	22278.4	23042.8	23807.2	24256.7	23617.3	22975.5	22336.0
0.0	37.5°	23035.5	24826.4	25682.1	26537.9	27393.6	28213.3	27509.0	26802.3	26098.0
0.0	40°	28268.6	30795.0	32107.5	33422.3	34734.8	35792.5	34903.1	34013.7	33124.3
0.0	42.5°	37100.1	40705.8	42592.8	44477.4	46364.4	48015.8	47080.7	46145.6	45210.5
0.0	45°	50034.9	54832.9	57133.3	59431.4	61731.8	62938.5	61592.4	60243.9	58897.7
0.0	47.5°	59082.8	63861.6	65909.6	67957.6	70005.7	71383.0	69736.4	68089.8	66445.6
0.0	50°	63198.1	67743.7	69798.9	71851.8	73907.0	75000.7	73099.3	71195.5	69294.1
0.0	52.5°	63993.8	68241.3	70693.1	73147.4	75599.3	77060.8	74815.6	72568.1	70323.0
0.0	55°	64854.3	69356.6	72200.3	75046.4	77890.1	79914.1	77375.7	74834.9	72296.5
0.0	57.5°	66474.5	71342.2	74178.6	77012.7	79849.2	81567.9	79022.3	76474.3	73928.6
0.0	60°	66618.7	71176.3	73613.7	76053.6	78491.0	79572.8	77137.7	74700.3	72265.2
0.0	62.5°	62318.3	65738.9	67431.2	69123.5	70815.7	71991.2	69450.4	66907.2	64366.4
0.0	65°	52015.7	54133.4	55481.9	56830.5	58179.0	59580.4	57253.5	54926.7	52599.8
0.0	67.5°	41215.4	42835.6	44612.0	46388.4	48164.8	49662.4	47799.4	45934.1	44071.1
	70°	33145.9	35330.9	37328.5	39326.0	41323.6	42549.5	40679.4	38806.8	36936.7
	72.5°	26333.5	28648.4	30316.6	31982.5	33650.7	33951.2	32576.2	31201.2	29828.7
	75°	15990.0	17369.8	17403.5	17434.7	17468.4	17754.4	16615.0	15475.6	14338.6
	77.5°	4716.2	5209.0	5615.3	6019.1	6425.3	6915.7	6497.5	6076.8	5658.5
	80°	1365.4	1490.4	1596.1	1699.5	1805.2	1742.7	1644.2	1545.6	1447.1
	82.5°	245.2	230.8	228.4	226.0	226.0	213.9	194.7	175.5	156.2
	85°	43.3	40.9	38.5	36.1	33.7	31.2	26.4	24.0	19.2
	87.5°	14.4	12.0	9.6	7.2	7.2	2.4	2.4	2.4	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049455

CATALOG NUMBER: GALN-SA8C-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°	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4	139.4
0.0	0.0	2.5°	137.0	134.6	134.6	134.6	134.6	132.2	132.2	132.2	132.2
0.0	0.0	5°	151.4	151.4	149.0	149.0	146.6	146.6	144.2	144.2	141.8
0.0	0.0	7.5°	177.9	175.5	173.1	170.7	168.3	163.5	161.1	158.7	158.7
0.0	0.0	10°	213.9	209.1	206.7	201.9	199.5	194.7	189.9	185.1	180.3
0.0	0.0	12.5°	281.2	271.6	264.4	254.8	245.2	238.0	228.4	221.1	211.5
0.0	0.0	15°	488.0	463.9	437.5	406.2	372.6	341.3	307.7	288.5	266.8
0.0	0.0	17.5°	1247.6	1122.6	995.2	891.8	788.4	687.5	584.1	509.6	435.1
0.0	0.0	20°	3175.4	2829.3	2483.1	2141.8	1798.0	1456.7	1113.0	939.9	766.8
0.0	0.0	22.5°	5975.8	5334.0	4689.8	4067.2	3442.2	2819.6	2197.1	1805.2	1415.8
0.0	0.0	25°	9223.4	8415.7	7608.0	6584.0	5557.6	4533.6	3509.5	2872.5	2235.5
0.0	0.0	27.5°	12002.1	11071.9	10141.6	8896.4	7651.3	6406.1	5160.9	4211.4	3264.4
0.0	0.0	30°	14408.3	13408.4	12408.4	10958.9	9509.4	8059.9	6610.4	5423.0	4235.5
0.0	0.0	32.5°	16494.8	15297.7	14100.6	12605.5	11110.3	9615.2	8120.0	6663.3	5206.6
0.0	0.0	35°	18901.0	17504.4	16105.4	14446.8	12785.8	11127.2	9468.5	7824.3	6177.7
0.0	0.0	37.5°	21958.6	20244.7	18528.4	16679.9	14831.4	12985.3	11136.8	9257.0	7377.2
0.0	0.0	40°	27811.9	25600.4	23388.9	21040.4	18689.5	16341.0	13992.5	11684.8	9377.2
0.0	0.0	42.5°	38299.6	35311.7	32323.8	29198.9	26071.5	22946.6	19819.3	16564.5	13307.4
0.0	0.0	45°	50135.9	46429.3	42720.2	39213.1	35703.5	32196.4	28689.3	24223.0	19756.8
0.0	0.0	47.5°	56792.0	52789.7	48787.4	45467.7	42148.1	38828.5	35508.8	30694.0	25879.2
0.0	0.0	50°	59241.5	55167.0	51092.6	48037.4	44979.8	41924.5	38866.9	34044.9	29220.5
0.0	0.0	52.5°	59763.1	55606.9	51450.8	48376.3	45301.9	42229.8	39155.4	34364.6	29573.9
0.0	0.0	55°	60835.2	56376.2	51914.7	48410.0	44905.3	41400.5	37895.8	33028.1	28160.4
0.0	0.0	57.5°	62236.6	57664.6	53092.6	49099.9	45107.2	41116.9	37124.2	31802.2	26480.2
0.0	0.0	60°	61868.8	57890.5	53909.9	49633.5	45354.8	41078.4	36799.7	30946.4	25090.8
0.0	0.0	62.5°	55484.3	52316.1	49145.5	45628.8	42109.6	38592.9	35076.1	29049.8	23023.5
0.0	0.0	65°	45645.6	43333.2	41020.7	38191.5	35359.8	32530.5	29701.3	24297.5	18896.2
0.0	0.0	67.5°	36994.4	34388.7	31780.5	29525.8	27268.6	25013.9	22756.7	18504.4	14252.1
		70°	29391.2	26557.1	23720.6	21518.8	19314.5	17112.6	14910.7	12083.9	9259.4
		72.5°	23340.8	20785.6	18230.4	15881.9	13530.9	11182.4	8831.5	7160.9	5490.3
		75°	11156.0	10134.4	9112.8	7884.4	6656.1	5427.8	4199.4	3471.1	2745.1
		77.5°	4134.5	3584.1	3031.2	2531.2	2031.2	1533.6	1033.6	947.1	860.6
		80°	1069.7	932.7	793.3	694.7	593.7	495.2	396.6	358.2	322.1
		82.5°	122.6	113.0	105.8	101.0	93.7	88.9	81.7	74.5	67.3
		85°	7.2	4.8	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: P1049455

CATALOG NUMBER: GALN-SA8C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049455

CATALOG NUMBER: GALN-SA8C-950-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	139.4	139.4
0.0	0.0	2.5°	129.8	127.4
0.0	0.0	5°	137.0	134.6
0.0	0.0	7.5°	151.4	146.6
0.0	0.0	10°	165.9	161.1
0.0	0.0	12.5°	187.5	180.3
0.0	0.0	15°	211.5	197.1
0.0	0.0	17.5°	252.4	221.1
0.0	0.0	20°	341.3	262.0
0.0	0.0	22.5°	480.8	326.9
0.0	0.0	25°	706.7	451.9
0.0	0.0	27.5°	983.2	600.9
0.0	0.0	30°	1307.7	752.4
0.0	0.0	32.5°	1593.7	896.6
0.0	0.0	35°	1966.3	1043.2
0.0	0.0	37.5°	2425.4	1230.7
0.0	0.0	40°	3136.9	1514.4
0.0	0.0	42.5°	4418.2	2038.4
0.0	0.0	45°	7175.3	3524.0
0.0	0.0	47.5°	11040.6	5829.2
0.0	0.0	50°	13506.9	7439.7
0.0	0.0	52.5°	13708.8	7427.7
0.0	0.0	55°	12514.1	6603.2
0.0	0.0	57.5°	10677.6	5519.1
0.0	0.0	60°	8874.8	4365.3
0.0	0.0	62.5°	6992.6	3014.4
0.0	0.0	65°	5110.5	2132.2
0.0	0.0	67.5°	3670.6	1593.7
		70°	2413.4	1221.1
		72.5°	1572.1	995.2
		75°	1057.7	824.5
		77.5°	617.8	548.1
		80°	218.7	192.3
		82.5°	40.9	28.8
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049455

CATALOG NUMBER: GALN-SA8C-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

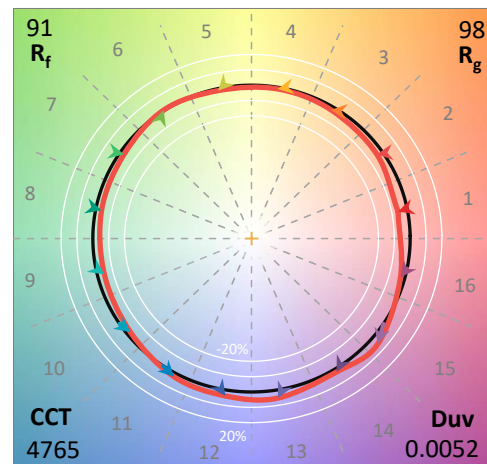
Test Information

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

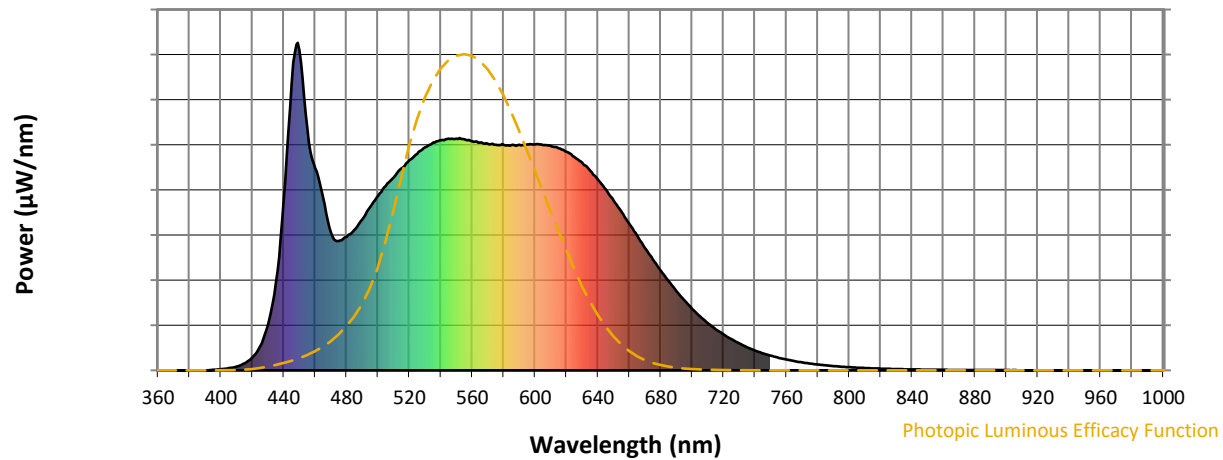
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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

Photopic Flux vs. Wavelength

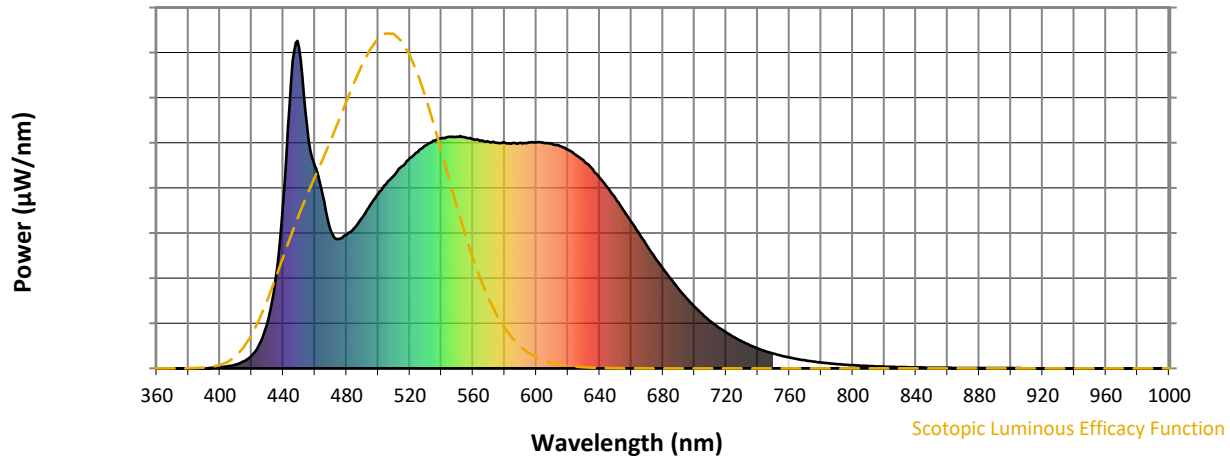


Photopic Lumens: NR

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



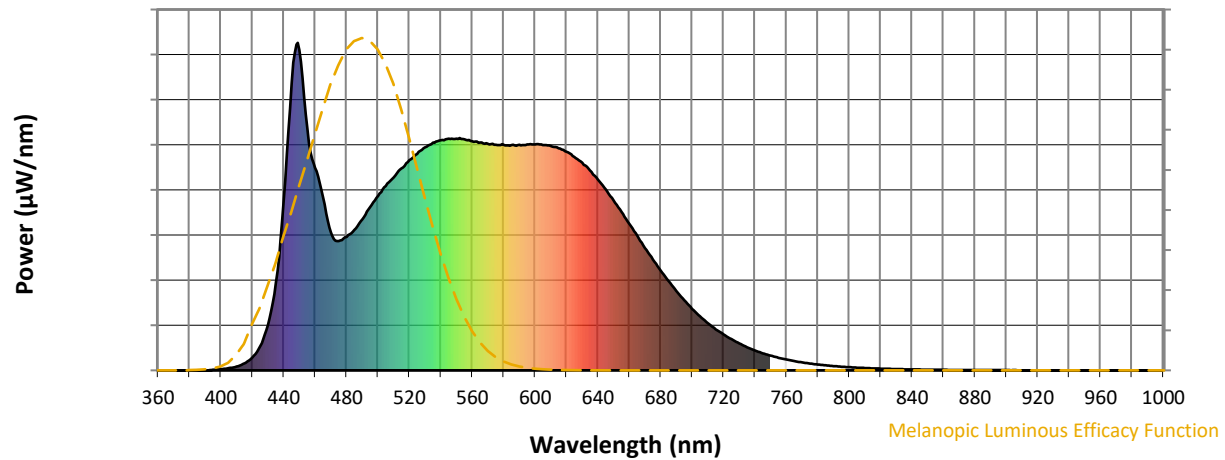
Scotopic Lumens: NR

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

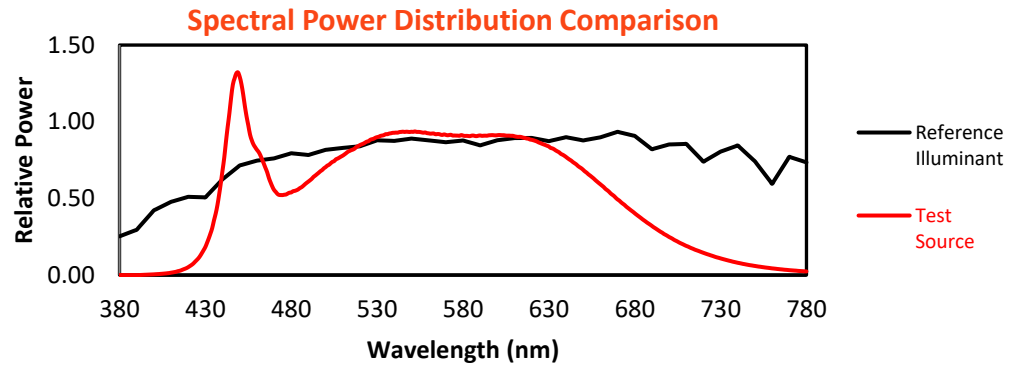
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	462	NR	620	668	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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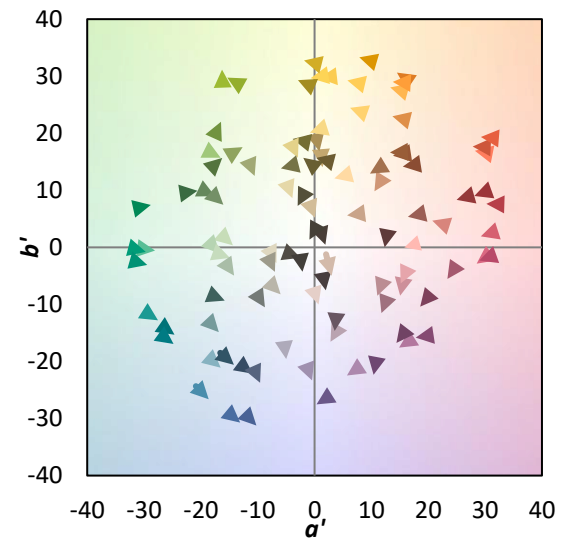
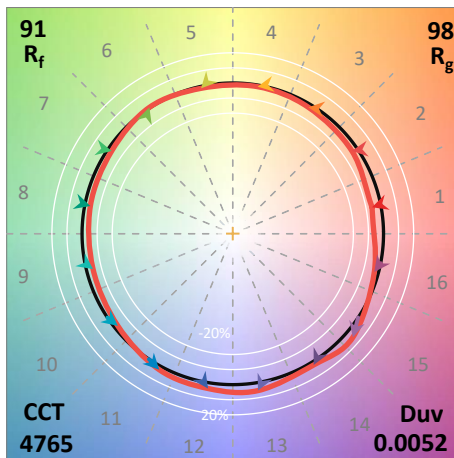
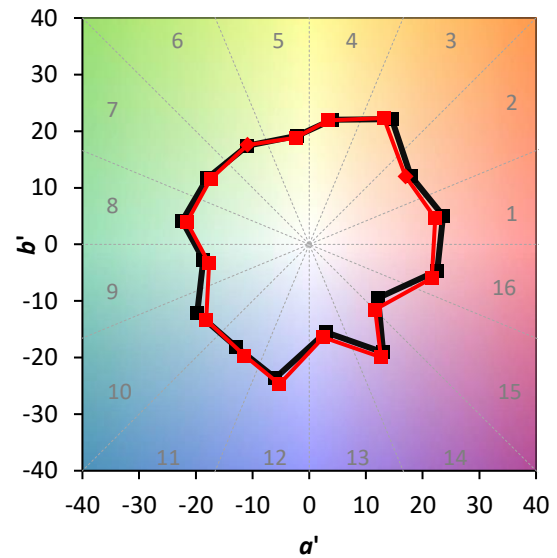
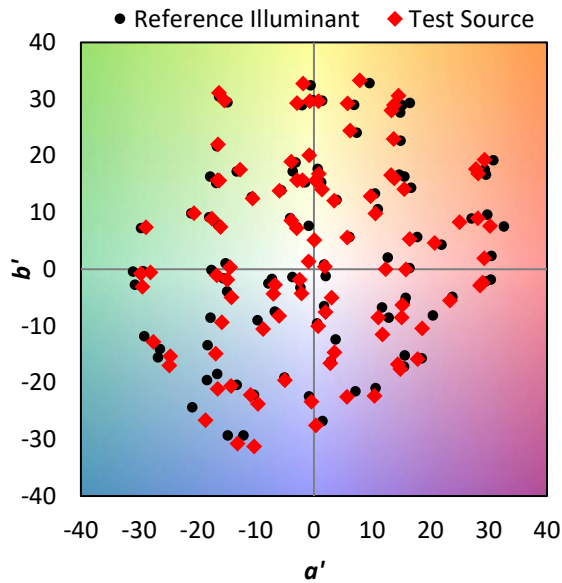
TM-30-18

Summary

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

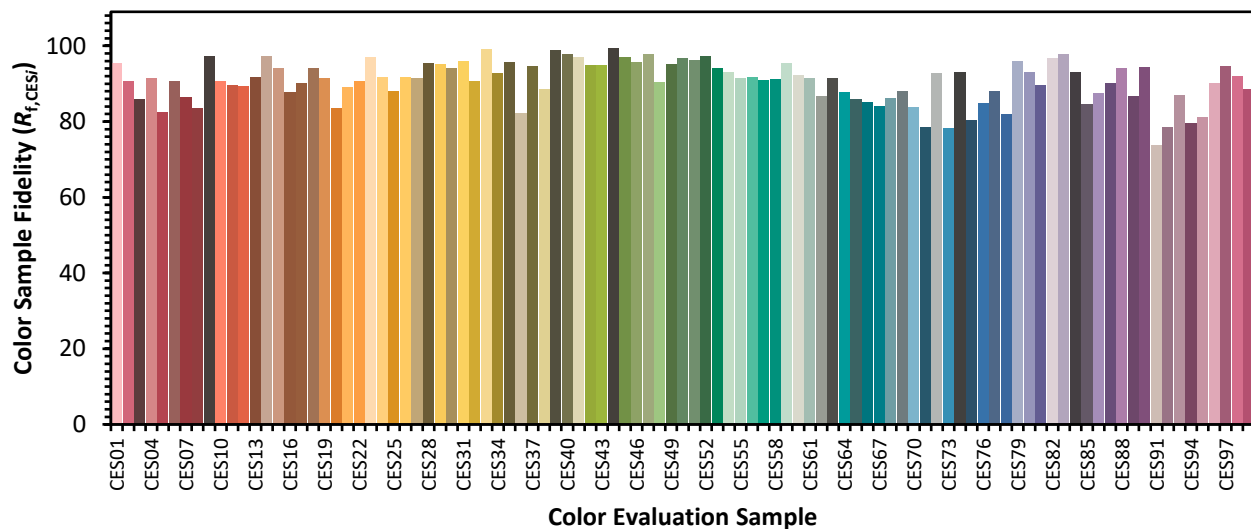


Color Vector Graphics

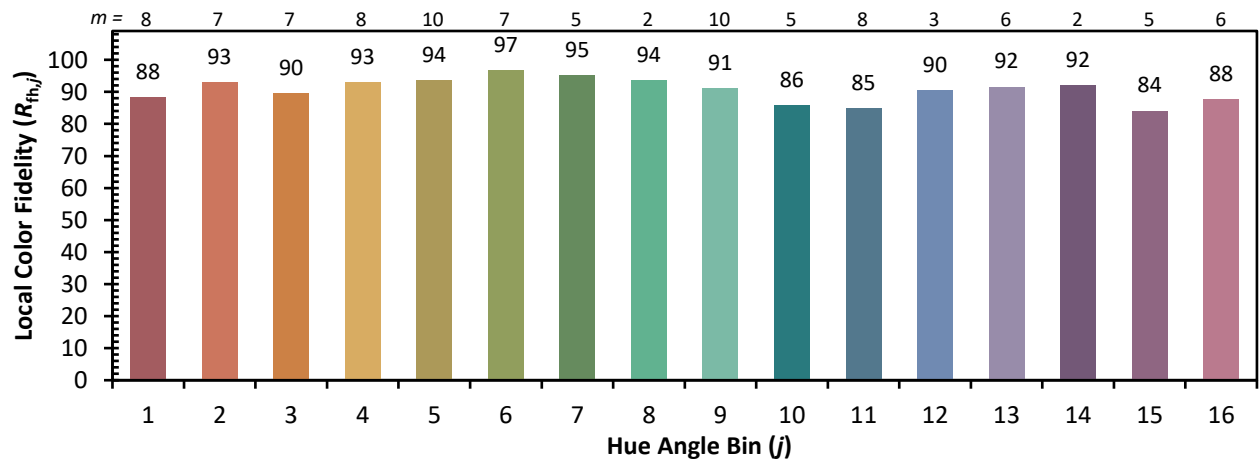
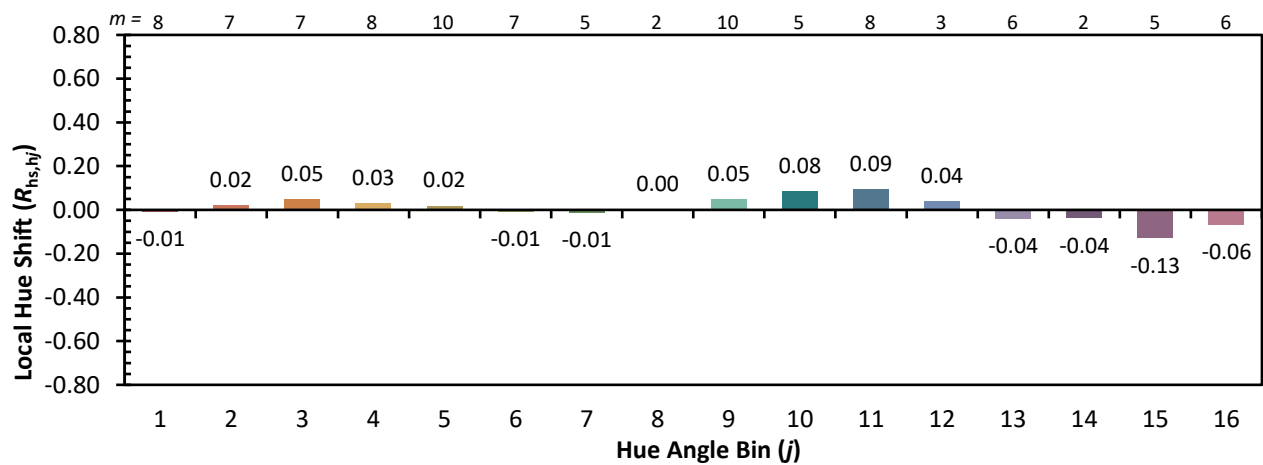
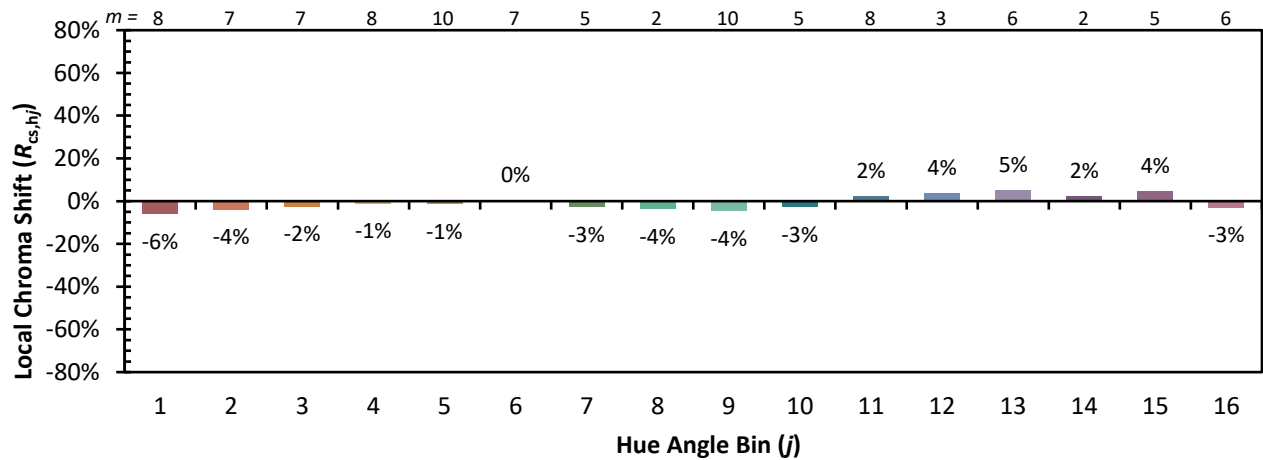


Individual Sample Fidelity Index ($R_{f,i}$)

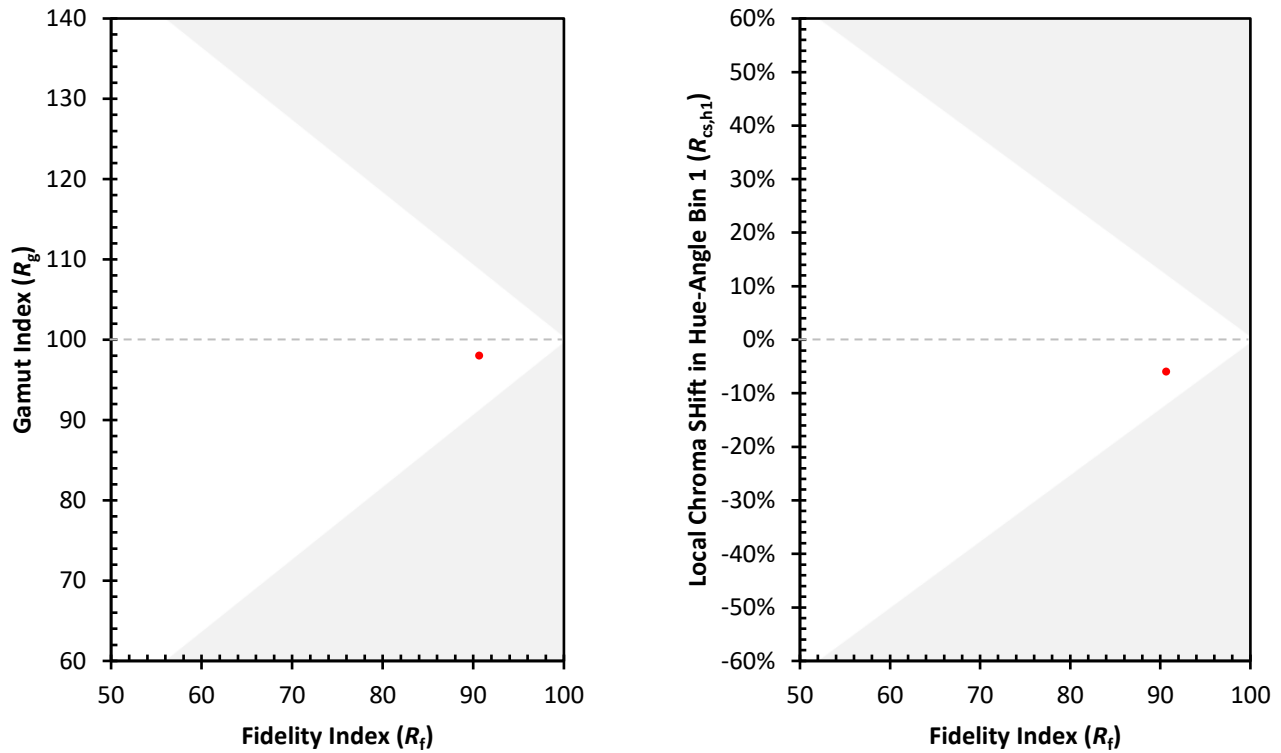
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82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