

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: P1049454

Luminaire Tested: **GALN-SA8B-950-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049454
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-950-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
90CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

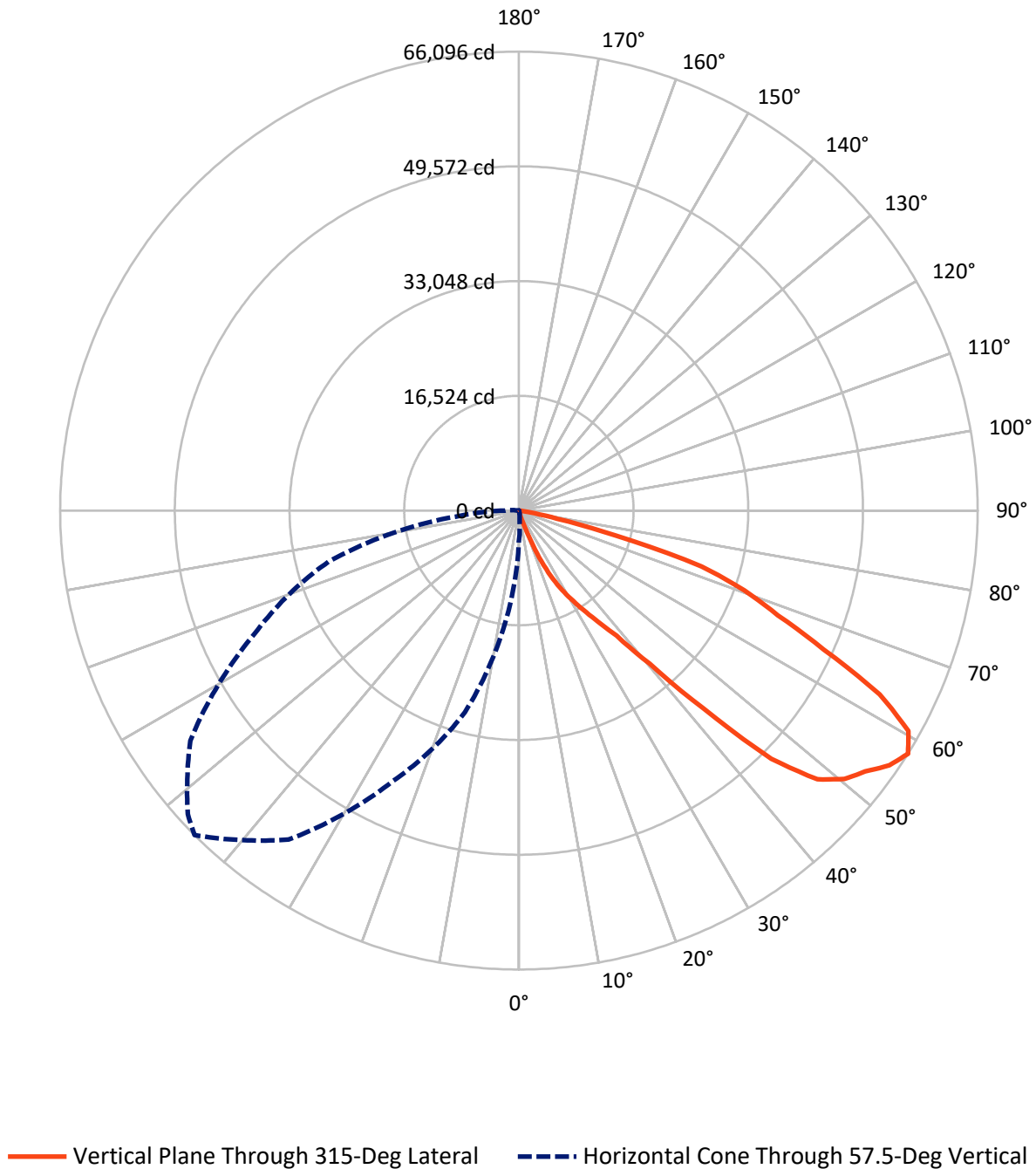
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25775.4 lumens
Efficiency: N/A
Efficacy: 91.1 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): 282.8
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: P1049454
CATALOG NUMBER: GALN-SA8B-950-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1049454

CATALOG NUMBER: GALN-SA8B-950-U-RBC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	129.1	0.0	129.1
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	25646.4	0.0	25646.4
	% Fixture	99.5	0.0	99.5
Total	Lumens	25775.4	0.0	25775.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.1	0.0
10°-20°	56.6	0.2
20°-30°	610.8	2.4
30°-40°	1806.4	7.0
40°-50°	5383.5	20.9
50°-60°	8536.2	33.1
60°-70°	7125.7	27.6
70°-80°	2197.3	8.5
80°-90°	48.9	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°	25775.4	100.0
0°-180°	25775.4	100.0



REPORT NUMBER: P1049454

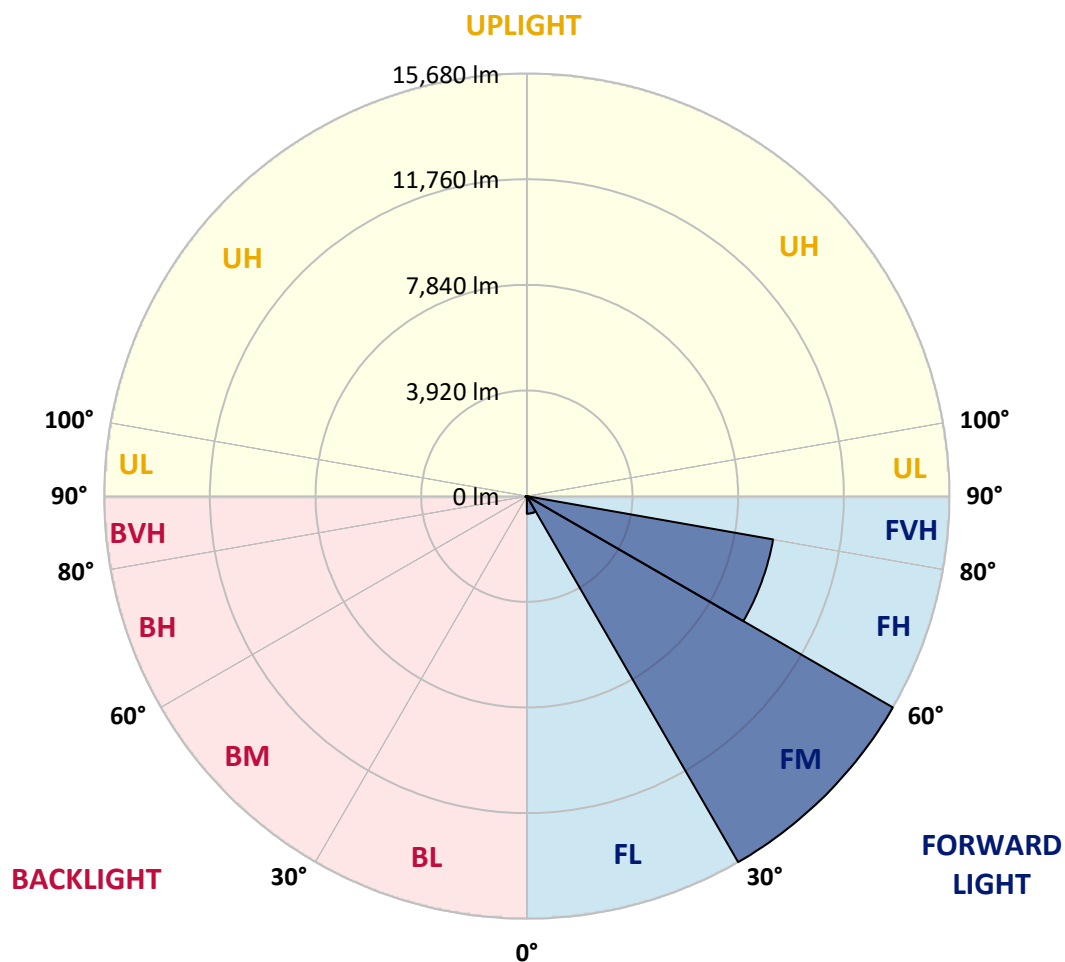
CATALOG NUMBER: GALN-SA8B-950-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	653.9	2.5			
FM	(30°-60°)	15679.9	60.8			
FH	(60°-80°)	9274.8	36.0			G4/12000
FVH	(80°-90°)	37.8	0.1			G1/100
BL	(0°-30°)	23.7	0.1	B0/110		
BM	(30°-60°)	46.1	0.2	B0/220		
BH	(60°-80°)	48.1	0.2	B0/110		G0/110
BVH	(80°-90°)	11.1	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



REPORT NUMBER: P1049454

CATALOG NUMBER: GALN-SA8B-950-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0
2.5°	103.2	103.2	103.2	103.2	101.3	101.3	99.3	99.3	97.4	97.4
5°	109.1	109.1	107.1	105.2	105.2	103.2	101.3	99.3	99.3	97.4
7.5°	118.8	116.9	114.9	113.0	109.1	107.1	103.2	101.3	99.3	95.4
10°	130.5	126.6	122.7	118.8	114.9	111.0	107.1	105.2	101.3	99.3
12.5°	146.1	140.2	132.5	126.6	122.7	116.9	113.0	109.1	103.2	99.3
15°	159.7	151.9	142.2	134.4	128.6	120.8	114.9	109.1	105.2	99.3
17.5°	179.2	165.6	150.0	140.2	132.5	122.7	113.0	107.1	101.3	93.5
20°	212.3	185.0	155.8	144.1	132.5	120.8	109.1	101.3	95.4	87.7
22.5°	264.9	218.2	171.4	153.9	138.3	120.8	105.2	97.4	89.6	81.8
25°	366.2	282.4	198.7	175.3	151.9	128.6	105.2	95.4	87.7	77.9
27.5°	487.0	362.3	235.7	202.6	171.4	138.3	105.2	93.5	83.8	72.1
30°	609.7	444.1	276.6	233.7	190.9	148.0	105.2	91.5	79.9	66.2
32.5°	726.5	520.1	311.7	261.0	210.4	157.8	107.1	91.5	76.0	60.4
35°	845.4	582.4	317.5	264.9	212.3	157.8	105.2	87.7	72.1	54.5
37.5°	997.3	652.5	305.8	253.2	202.6	150.0	99.3	83.8	68.2	50.6
40°	1227.1	769.4	311.7	257.1	202.6	148.0	93.5	77.9	64.3	48.7
42.5°	1651.8	995.3	337.0	274.6	212.3	148.0	85.7	72.1	60.4	46.7
45°	2855.5	1653.7	451.9	358.4	264.9	171.4	77.9	66.2	56.5	44.8
47.5°	4723.5	2767.9	812.2	627.2	444.1	259.1	76.0	66.2	56.5	44.8
50°	6028.5	3525.6	1022.6	786.9	551.2	315.5	79.9	68.2	58.4	46.7
52.5°	6018.8	3580.1	1139.5	874.6	611.6	346.7	83.8	72.1	62.3	50.6
55°	5350.7	3256.8	1160.9	892.1	625.3	356.5	89.6	77.9	66.2	54.5
57.5°	4472.2	2765.9	1059.6	820.0	582.4	342.8	103.2	89.6	77.9	64.3
60°	3537.3	2181.6	825.9	652.5	481.1	307.8	136.3	118.8	103.2	85.7
62.5°	2442.6	1581.6	720.7	578.5	438.3	296.1	155.8	138.3	122.7	105.2
65°	1727.7	1190.1	650.6	529.8	411.0	290.2	169.5	150.0	132.5	113.0
67.5°	1291.4	946.6	599.9	496.7	393.5	290.2	187.0	163.6	142.2	118.8
70°	989.5	777.2	562.9	479.2	397.4	313.6	229.8	196.7	165.6	132.5
72.5°	806.4	664.2	520.1	459.7	399.3	338.9	278.5	235.7	192.8	148.0
75°	668.1	568.8	469.4	418.8	370.1	319.4	268.8	229.8	192.8	153.9
77.5°	444.1	405.1	364.2	335.0	305.8	274.6	245.4	212.3	181.1	148.0
80°	155.8	150.0	144.1	155.8	167.5	179.2	190.9	167.5	146.1	122.7
82.5°	23.4	21.4	19.5	21.4	23.4	25.3	27.3	29.2	31.2	33.1
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: P1049454

CATALOG NUMBER: GALN-SA8B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049454

CATALOG NUMBER: GALN-SA8B-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°	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0
0.0	2.5°	95.4	95.4	93.5	93.5	93.5	91.5	91.5	89.6	89.6	89.6
0.0	5°	93.5	93.5	91.5	89.6	87.7	87.7	85.7	83.8	83.8	81.8
0.0	7.5°	91.5	89.6	87.7	85.7	83.8	81.8	79.9	77.9	77.9	76.0
0.0	10°	93.5	89.6	87.7	83.8	81.8	79.9	76.0	74.0	72.1	72.1
0.0	12.5°	89.6	87.7	83.8	79.9	77.9	74.0	72.1	68.2	66.2	66.2
0.0	15°	89.6	85.7	79.9	76.0	72.1	70.1	66.2	62.3	60.4	58.4
0.0	17.5°	83.8	79.9	74.0	70.1	66.2	62.3	58.4	54.5	52.6	50.6
0.0	20°	76.0	72.1	66.2	60.4	56.5	52.6	48.7	44.8	42.9	40.9
0.0	22.5°	68.2	64.3	58.4	52.6	48.7	44.8	39.0	35.1	33.1	29.2
0.0	25°	64.3	58.4	52.6	46.7	40.9	37.0	31.2	25.3	21.4	17.5
0.0	27.5°	54.5	48.7	42.9	37.0	31.2	25.3	19.5	13.6	9.7	7.8
0.0	30°	46.7	40.9	35.1	29.2	21.4	15.6	9.7	1.9	1.9	1.9
0.0	32.5°	39.0	33.1	25.3	19.5	15.6	9.7	5.8	0.0	0.0	0.0
0.0	35°	31.2	25.3	17.5	11.7	9.7	5.8	3.9	0.0	0.0	0.0
0.0	37.5°	27.3	21.4	13.6	5.8	3.9	3.9	1.9	0.0	0.0	0.0
0.0	40°	25.3	17.5	9.7	1.9	1.9	1.9	0.0	0.0	0.0	0.0
0.0	42.5°	25.3	17.5	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	25.3	17.5	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	25.3	17.5	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	27.3	19.5	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	31.2	23.4	15.6	7.8	5.8	3.9	1.9	0.0	0.0	0.0
0.0	55°	39.0	35.1	29.2	25.3	19.5	13.6	5.8	0.0	0.0	0.0
0.0	57.5°	50.6	50.6	48.7	46.7	35.1	23.4	11.7	0.0	0.0	0.0
0.0	60°	68.2	68.2	68.2	68.2	50.6	35.1	17.5	0.0	0.0	0.0
0.0	62.5°	83.8	79.9	74.0	70.1	52.6	35.1	17.5	0.0	0.0	0.0
0.0	65°	83.8	76.0	66.2	56.5	42.9	29.2	13.6	0.0	0.0	0.0
0.0	67.5°	77.9	62.3	44.8	29.2	21.4	15.6	7.8	0.0	0.0	0.0
	70°	77.9	54.5	31.2	7.8	5.8	3.9	1.9	0.0	0.0	0.0
	72.5°	77.9	52.6	25.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	85.7	58.4	29.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	85.7	58.4	29.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	76.0	50.6	25.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	25.3	17.5	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049454

CATALOG NUMBER: GALN-SA8B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049454

CATALOG NUMBER: GALN-SA8B-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°	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0
0.0	2.5°	87.7	87.7	87.7	85.7	85.7	85.7	85.7	83.8	83.8	83.8
0.0	5°	79.9	79.9	77.9	77.9	76.0	76.0	74.0	74.0	72.1	72.1
0.0	7.5°	74.0	72.1	72.1	70.1	68.2	68.2	66.2	66.2	64.3	62.3
0.0	10°	68.2	66.2	66.2	64.3	62.3	60.4	60.4	58.4	56.5	54.5
0.0	12.5°	62.3	60.4	58.4	56.5	54.5	52.6	52.6	50.6	48.7	46.7
0.0	15°	54.5	52.6	50.6	48.7	46.7	44.8	44.8	42.9	40.9	39.0
0.0	17.5°	46.7	44.8	44.8	42.9	40.9	39.0	37.0	33.1	31.2	29.2
0.0	20°	35.1	33.1	31.2	29.2	27.3	23.4	21.4	17.5	13.6	11.7
0.0	22.5°	23.4	19.5	17.5	13.6	9.7	7.8	5.8	1.9	0.0	0.0
0.0	25°	7.8	5.8	3.9	1.9	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: P1049454

CATALOG NUMBER: GALN-SA8B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049454

CATALOG NUMBER: GALN-SA8B-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°	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0
0.0	2.5°	81.8	81.8	81.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
0.0	5°	70.1	70.1	70.1	68.2	68.2	66.2	66.2	66.2	64.3	64.3
0.0	7.5°	60.4	58.4	58.4	56.5	56.5	54.5	54.5	54.5	52.6	52.6
0.0	10°	50.6	48.7	48.7	46.7	46.7	44.8	44.8	42.9	42.9	40.9
0.0	12.5°	44.8	42.9	40.9	39.0	39.0	37.0	35.1	35.1	33.1	31.2
0.0	15°	35.1	33.1	31.2	29.2	27.3	25.3	23.4	23.4	21.4	19.5
0.0	17.5°	23.4	19.5	17.5	15.6	15.6	13.6	11.7	9.7	7.8	5.8
0.0	20°	5.8	3.9	1.9	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: P1049454

CATALOG NUMBER: GALN-SA8B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049454

CATALOG NUMBER: GALN-SA8B-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°	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0
0.0	2.5°	79.9	77.9	77.9	77.9	79.9	79.9	79.9	79.9	79.9	79.9
0.0	5°	64.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
0.0	7.5°	52.6	50.6	50.6	50.6	50.6	48.7	48.7	48.7	48.7	48.7
0.0	10°	40.9	39.0	39.0	39.0	39.0	37.0	37.0	37.0	37.0	37.0
0.0	12.5°	29.2	29.2	27.3	27.3	27.3	25.3	25.3	25.3	25.3	23.4
0.0	15°	17.5	15.6	13.6	13.6	13.6	11.7	11.7	11.7	11.7	9.7
0.0	17.5°	3.9	3.9	1.9	1.9	1.9	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049454

CATALOG NUMBER: GALN-SA8B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049454

CATALOG NUMBER: GALN-SA8B-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°	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0
0.0	2.5°	81.8	81.8	83.8	83.8	85.7	89.6	91.5	93.5	97.4	101.3
0.0	5°	64.3	66.2	66.2	68.2	70.1	72.1	74.0	76.0	79.9	83.8
0.0	7.5°	50.6	50.6	52.6	52.6	54.5	58.4	60.4	62.3	66.2	72.1
0.0	10°	39.0	39.0	40.9	40.9	42.9	46.7	48.7	50.6	54.5	60.4
0.0	12.5°	25.3	27.3	27.3	29.2	31.2	35.1	37.0	39.0	42.9	46.7
0.0	15°	11.7	13.6	13.6	15.6	17.5	21.4	23.4	25.3	29.2	35.1
0.0	17.5°	1.9	1.9	3.9	3.9	5.8	7.8	9.7	11.7	17.5	21.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	7.8
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
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: P1049454

CATALOG NUMBER: GALN-SA8B-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049454

CATALOG NUMBER: GALN-SA8B-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°	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0
0.0	2.5°	107.1	111.0	114.9	118.8	122.7	126.6	128.6	132.5	134.4	136.3
0.0	5°	91.5	95.4	101.3	105.2	109.1	113.0	116.9	118.8	120.8	122.7
0.0	7.5°	79.9	83.8	89.6	93.5	97.4	101.3	105.2	109.1	111.0	113.0
0.0	10°	68.2	74.0	77.9	83.8	87.7	91.5	95.4	99.3	103.2	105.2
0.0	12.5°	54.5	60.4	66.2	70.1	76.0	81.8	85.7	89.6	93.5	97.4
0.0	15°	42.9	48.7	54.5	58.4	64.3	70.1	76.0	79.9	83.8	87.7
0.0	17.5°	31.2	37.0	42.9	46.7	52.6	58.4	62.3	68.2	72.1	76.0
0.0	20°	15.6	21.4	27.3	33.1	39.0	44.8	48.7	54.5	58.4	62.3
0.0	22.5°	1.9	7.8	13.6	17.5	23.4	29.2	33.1	39.0	42.9	46.7
0.0	25°	0.0	1.9	5.8	7.8	9.7	13.6	17.5	21.4	25.3	29.2
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.9	3.9	7.8	11.7	15.6
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.9	3.9
	85°	0.0	0.0	0.0	0.0	0.0	3.9	5.8	9.7	11.7	13.6
	87.5°	0.0	1.9	3.9	5.8	7.8	11.7	15.6	19.5	21.4	23.4
	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: P1049454

CATALOG NUMBER: GALN-SA8B-950-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
113.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.9											
7.8											
17.5											
25.3											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049454

CATALOG NUMBER: GALN-SA8B-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°	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0
0.0	2.5°	138.3	138.3	138.3	138.3	136.3	136.3	136.3	134.4	134.4	132.5
0.0	5°	126.6	128.6	128.6	128.6	128.6	128.6	128.6	128.6	126.6	126.6
0.0	7.5°	116.9	118.8	120.8	120.8	122.7	122.7	122.7	120.8	120.8	118.8
0.0	10°	111.0	113.0	113.0	114.9	114.9	114.9	114.9	114.9	114.9	114.9
0.0	12.5°	103.2	105.2	107.1	107.1	109.1	109.1	109.1	109.1	107.1	107.1
0.0	15°	93.5	97.4	99.3	101.3	101.3	103.2	103.2	103.2	103.2	103.2
0.0	17.5°	85.7	89.6	91.5	93.5	93.5	95.4	95.4	97.4	97.4	97.4
0.0	20°	70.1	74.0	76.0	79.9	81.8	83.8	85.7	87.7	87.7	89.6
0.0	22.5°	54.5	58.4	60.4	64.3	66.2	68.2	70.1	72.1	74.0	76.0
0.0	25°	39.0	42.9	44.8	48.7	50.6	52.6	54.5	56.5	56.5	58.4
0.0	27.5°	21.4	25.3	29.2	31.2	35.1	37.0	39.0	40.9	42.9	44.8
0.0	30°	9.7	11.7	13.6	17.5	19.5	21.4	23.4	27.3	29.2	31.2
0.0	32.5°	0.0	0.0	1.9	5.8	7.8	9.7	11.7	13.6	13.6	15.6
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.9	5.8	7.8
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	3.9	3.9	3.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8
	82.5°	9.7	11.7	13.6	13.6	15.6	15.6	15.6	15.6	13.6	13.6
	85°	19.5	21.4	23.4	23.4	25.3	25.3	25.3	25.3	25.3	25.3
	87.5°	27.3	29.2	31.2	31.2	33.1	33.1	33.1	33.1	33.1	33.1
	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: P1049454

CATALOG NUMBER: GALN-SA8B-950-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
113.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	165°	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	170°	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	175°	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	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										
5.8										
13.6										
25.3										
33.1										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										

REPORT NUMBER: P1049454

CATALOG NUMBER: GALN-SA8B-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°	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0
0.0	2.5°	130.5	130.5	128.6	128.6	128.6	128.6	128.6	130.5	132.5	132.5
0.0	5°	124.7	124.7	122.7	122.7	122.7	124.7	124.7	126.6	128.6	130.5
0.0	7.5°	118.8	116.9	116.9	118.8	118.8	120.8	120.8	122.7	124.7	126.6
0.0	10°	114.9	113.0	113.0	113.0	114.9	114.9	116.9	118.8	120.8	122.7
0.0	12.5°	107.1	107.1	107.1	107.1	109.1	109.1	111.0	113.0	116.9	118.8
0.0	15°	103.2	101.3	101.3	101.3	101.3	103.2	103.2	107.1	111.0	113.0
0.0	17.5°	95.4	95.4	93.5	93.5	95.4	95.4	97.4	101.3	105.2	107.1
0.0	20°	87.7	85.7	83.8	83.8	85.7	85.7	87.7	91.5	95.4	97.4
0.0	22.5°	76.0	74.0	74.0	74.0	74.0	76.0	76.0	79.9	85.7	89.6
0.0	25°	60.4	62.3	62.3	64.3	64.3	66.2	68.2	72.1	77.9	81.8
0.0	27.5°	46.7	48.7	48.7	52.6	54.5	56.5	58.4	64.3	70.1	74.0
0.0	30°	35.1	37.0	39.0	40.9	44.8	48.7	52.6	58.4	64.3	68.2
0.0	32.5°	21.4	25.3	27.3	31.2	35.1	39.0	42.9	48.7	56.5	62.3
0.0	35°	15.6	17.5	21.4	23.4	27.3	31.2	35.1	42.9	48.7	56.5
0.0	37.5°	7.8	11.7	15.6	19.5	23.4	27.3	31.2	39.0	46.7	52.6
0.0	40°	5.8	9.7	11.7	15.6	21.4	25.3	29.2	37.0	44.8	52.6
0.0	42.5°	3.9	5.8	7.8	13.6	17.5	23.4	29.2	37.0	44.8	52.6
0.0	45°	3.9	3.9	5.8	11.7	17.5	25.3	31.2	39.0	44.8	52.6
0.0	47.5°	3.9	5.8	7.8	15.6	19.5	25.3	31.2	37.0	44.8	50.6
0.0	50°	5.8	7.8	9.7	17.5	21.4	27.3	31.2	39.0	44.8	52.6
0.0	52.5°	3.9	5.8	7.8	15.6	21.4	29.2	35.1	42.9	50.6	56.5
0.0	55°	1.9	1.9	1.9	11.7	23.4	33.1	44.8	50.6	58.4	64.3
0.0	57.5°	0.0	0.0	0.0	7.8	23.4	37.0	50.6	58.4	66.2	72.1
0.0	60°	0.0	0.0	0.0	7.8	23.4	37.0	50.6	60.4	70.1	79.9
0.0	62.5°	0.0	0.0	0.0	7.8	19.5	31.2	42.9	58.4	76.0	91.5
0.0	65°	0.0	0.0	0.0	5.8	15.6	25.3	35.1	58.4	81.8	103.2
0.0	67.5°	0.0	0.0	0.0	5.8	15.6	23.4	33.1	58.4	81.8	107.1
	70°	0.0	0.0	0.0	5.8	15.6	25.3	35.1	58.4	81.8	105.2
	72.5°	0.0	0.0	0.0	5.8	17.5	27.3	39.0	58.4	77.9	97.4
	75°	0.0	0.0	0.0	7.8	17.5	29.2	40.9	58.4	76.0	91.5
	77.5°	0.0	0.0	0.0	5.8	17.5	27.3	39.0	56.5	74.0	89.6
	80°	5.8	3.9	3.9	9.7	17.5	25.3	33.1	50.6	70.1	87.7
	82.5°	11.7	11.7	9.7	13.6	17.5	23.4	29.2	44.8	62.3	77.9
	85°	23.4	23.4	21.4	23.4	23.4	25.3	27.3	35.1	42.9	50.6
	87.5°	31.2	31.2	29.2	29.2	29.2	27.3	27.3	27.3	27.3	25.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049454

CATALOG NUMBER: GALN-SA8B-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
113.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.6											
116.9											
109.1											
107.1											
105.2											
93.5											
58.4											
25.3											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049454

CATALOG NUMBER: GALN-SA8B-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°	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0
0.0	2.5°	136.3	138.3	138.3	140.2	142.2	144.1	144.1	146.1	146.1	146.1
0.0	5°	134.4	138.3	140.2	142.2	144.1	146.1	148.0	150.0	151.9	151.9
0.0	7.5°	132.5	134.4	138.3	140.2	144.1	146.1	150.0	151.9	153.9	155.8
0.0	10°	128.6	132.5	136.3	140.2	144.1	148.0	151.9	155.8	159.7	161.7
0.0	12.5°	124.7	130.5	134.4	138.3	144.1	150.0	153.9	159.7	163.6	167.5
0.0	15°	122.7	126.6	132.5	136.3	144.1	151.9	157.8	165.6	173.4	179.2
0.0	17.5°	116.9	124.7	130.5	136.3	144.1	153.9	161.7	169.5	181.1	192.8
0.0	20°	109.1	114.9	122.7	128.6	140.2	150.0	161.7	171.4	188.9	206.5
0.0	22.5°	101.3	109.1	114.9	122.7	136.3	148.0	161.7	173.4	202.6	229.8
0.0	25°	93.5	103.2	111.0	118.8	134.4	150.0	165.6	181.1	229.8	278.5
0.0	27.5°	89.6	97.4	107.1	114.9	134.4	155.8	175.3	194.8	272.7	348.7
0.0	30°	83.8	93.5	101.3	111.0	136.3	161.7	187.0	212.3	331.1	449.9
0.0	32.5°	77.9	87.7	97.4	107.1	140.2	173.4	204.5	237.6	393.5	547.3
0.0	35°	72.1	83.8	93.5	103.2	146.1	190.9	233.7	276.6	449.9	621.4
0.0	37.5°	70.1	81.8	91.5	101.3	148.0	192.8	239.6	284.4	455.8	627.2
0.0	40°	72.1	81.8	93.5	103.2	142.2	181.1	218.2	257.1	436.3	613.6
0.0	42.5°	72.1	83.8	95.4	107.1	138.3	169.5	200.6	231.8	430.5	629.1
0.0	45°	70.1	81.8	93.5	105.2	134.4	161.7	190.9	218.2	465.5	711.0
0.0	47.5°	68.2	79.9	91.5	103.2	132.5	161.7	190.9	220.1	601.9	981.7
0.0	50°	68.2	79.9	89.6	99.3	134.4	171.4	206.5	241.5	876.5	1509.6
0.0	52.5°	72.1	81.8	89.6	97.4	138.3	181.1	222.1	263.0	1114.2	1963.4
0.0	55°	77.9	83.8	91.5	97.4	148.0	196.7	247.4	296.1	1186.2	2076.4
0.0	57.5°	85.7	91.5	97.4	103.2	165.6	227.9	288.3	350.6	1192.1	2031.6
0.0	60°	95.4	103.2	109.1	114.9	181.1	249.3	315.5	381.8	1079.1	1774.5
0.0	62.5°	116.9	126.6	134.4	144.1	208.4	270.7	335.0	397.4	896.0	1394.6
0.0	65°	134.4	142.2	150.0	157.8	220.1	284.4	346.7	409.0	759.7	1110.3
0.0	67.5°	138.3	146.1	151.9	159.7	224.0	288.3	350.6	414.9	650.6	884.3
	70°	140.2	150.0	161.7	171.4	237.6	303.9	368.1	434.4	576.6	718.7
	72.5°	134.4	153.9	171.4	188.9	251.3	311.7	374.0	434.4	535.7	636.9
	75°	134.4	161.7	187.0	212.3	259.1	303.9	350.6	395.4	473.3	551.2
	77.5°	142.2	177.3	212.3	247.4	274.6	300.0	327.2	352.6	403.2	453.8
	80°	142.2	179.2	214.3	251.3	263.0	276.6	288.3	300.0	305.8	311.7
	82.5°	122.7	151.9	181.1	210.4	196.7	183.1	169.5	155.8	146.1	134.4
	85°	62.3	68.2	72.1	76.0	70.1	64.3	58.4	52.6	48.7	42.9
	87.5°	25.3	25.3	23.4	23.4	23.4	23.4	21.4	21.4	21.4	21.4
	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: P1049454

CATALOG NUMBER: GALN-SA8B-950-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
113.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
188.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
239.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
305.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
414.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
576.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
781.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
975.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1108.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1207.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1307.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1501.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1891.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2882.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4415.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5559.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5685.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5130.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4386.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3428.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2590.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1912.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1353.7											
1007.0											
732.4											
551.2											
309.7											
140.2											
40.9											
19.5											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049454

CATALOG NUMBER: GALN-SA8B-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°	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0
0.0	2.5°	146.1	144.1	144.1	142.2	140.2	138.3	136.3	134.4	132.5	130.5
0.0	5°	151.9	151.9	151.9	150.0	150.0	148.0	148.0	146.1	144.1	142.2
0.0	7.5°	157.8	159.7	159.7	161.7	161.7	161.7	161.7	159.7	159.7	159.7
0.0	10°	167.5	169.5	171.4	173.4	175.3	177.3	177.3	179.2	179.2	179.2
0.0	12.5°	179.2	185.0	188.9	194.8	198.7	204.5	208.4	214.3	218.2	222.1
0.0	15°	196.7	206.5	218.2	227.9	237.6	251.3	266.9	280.5	294.1	315.5
0.0	17.5°	222.1	253.2	284.4	313.6	344.8	412.9	481.1	547.3	615.5	714.9
0.0	20°	270.7	364.2	455.8	549.3	640.8	880.4	1118.1	1357.6	1595.3	1850.4
0.0	22.5°	379.8	609.7	839.5	1069.4	1299.2	1799.8	2298.4	2799.0	3297.7	3884.0
0.0	25°	551.2	973.9	1396.6	1817.3	2240.0	3023.0	3808.0	4591.0	5374.1	6135.7
0.0	27.5°	802.5	1449.2	2095.9	2740.6	3387.3	4448.8	5512.3	6573.9	7635.5	8496.4
0.0	30°	1112.2	1988.7	2865.3	3741.8	4618.3	5825.9	7033.6	8239.3	9447.0	10387.8
0.0	32.5°	1404.4	2477.6	3550.9	4622.2	5695.4	7070.6	8447.7	9822.9	11198.1	12226.5
0.0	35°	1595.3	2892.5	4191.7	5489.0	6786.2	8274.4	9762.5	11248.7	12736.8	13911.4
0.0	37.5°	1786.2	3284.0	4780.0	6277.8	7773.8	9408.0	11042.2	12676.5	14310.7	15761.8
0.0	40°	2000.4	3757.4	5512.3	7269.3	9024.3	10960.4	12894.6	14830.8	16764.9	18812.1
0.0	42.5°	2372.5	4542.3	6714.2	8884.0	11053.9	13615.3	16176.7	18736.1	21297.5	24219.3
0.0	45°	3071.7	6129.8	9189.8	12247.9	15306.0	18699.1	22094.2	25487.3	28880.4	32768.3
0.0	47.5°	4783.9	8991.2	13196.5	17403.8	21609.2	25273.0	28935.0	32598.8	36260.7	40133.0
0.0	50°	7319.9	12216.8	17113.6	22008.5	26905.3	30220.5	33533.8	36849.0	40162.2	43845.6
0.0	52.5°	9154.8	14256.1	19359.4	24460.8	29562.2	32554.0	35547.8	38539.7	41531.6	44973.4
0.0	55°	9293.1	14365.2	19439.3	24511.4	29583.6	32589.1	35594.6	38600.1	41605.6	45253.9
0.0	57.5°	8227.6	13258.9	18288.1	23319.4	28348.7	31771.0	35191.4	38613.7	42034.1	45978.4
0.0	60°	6998.5	12031.7	17063.0	22096.1	27127.4	31069.8	35014.1	38956.5	42898.9	46594.0
0.0	62.5°	5459.8	10637.1	15816.4	20993.7	26171.0	30173.8	34176.6	38177.4	42180.2	44951.9
0.0	65°	4069.0	9096.4	14123.7	19149.1	24176.4	27382.5	30588.7	33792.8	36999.0	38715.0
0.0	67.5°	2941.2	7277.1	11611.0	15946.9	20280.8	22575.3	24869.8	27162.4	29457.0	30769.8
	70°	1988.7	4992.3	7993.9	10997.4	13999.0	15884.5	17772.0	19657.5	21543.0	23315.5
	72.5°	1377.1	3063.9	4752.7	6439.5	8126.3	10023.5	11918.8	13815.9	15711.2	17586.9
	75°	913.5	1681.0	2450.4	3217.8	3985.3	5389.6	6796.0	8200.3	9604.7	10722.8
	77.5°	648.6	878.5	1110.3	1340.1	1569.9	1832.9	2097.8	2360.8	2623.7	3023.0
	80°	307.8	337.0	366.2	393.5	422.7	518.1	613.6	709.0	804.5	905.7
	82.5°	146.1	157.8	169.5	179.2	190.9	200.6	210.4	220.1	229.8	220.1
	85°	39.0	39.0	40.9	40.9	40.9	40.9	40.9	40.9	40.9	39.0
	87.5°	17.5	17.5	17.5	17.5	17.5	17.5	17.5	15.6	15.6	13.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049454

CATALOG NUMBER: GALN-SA8B-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
113.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
181.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
224.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
338.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
812.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2107.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4470.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6897.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9357.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11330.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13256.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15085.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17214.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20859.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27141.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36656.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44005.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47528.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48415.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48904.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49922.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50287.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47725.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40433.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32084.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25086.1											
19462.7											
11840.8											
3422.3											
1007.0											
208.4											
37.0											
13.6											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049454

CATALOG NUMBER: GALN-SA8B-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0
0.0	2.5°	126.6	124.7	122.7	120.8	118.8	114.9	114.9	113.0	113.0
0.0	5°	138.3	136.3	134.4	132.5	132.5	130.5	128.6	128.6	126.6
0.0	7.5°	157.8	155.8	153.9	151.9	151.9	150.0	150.0	148.0	148.0
0.0	10°	181.1	181.1	181.1	181.1	181.1	179.2	179.2	179.2	177.3
0.0	12.5°	227.9	229.8	233.7	237.6	243.5	243.5	243.5	241.5	241.5
0.0	15°	360.3	381.8	397.4	412.9	426.6	457.7	453.8	448.0	444.1
0.0	17.5°	911.6	1009.0	1061.6	1112.2	1164.8	1308.9	1285.6	1262.2	1240.8
0.0	20°	2362.7	2617.9	2787.3	2956.8	3128.2	3399.0	3332.7	3266.5	3200.3
0.0	22.5°	5054.6	5640.9	5896.1	6151.2	6404.5	6731.7	6519.4	6307.1	6096.7
0.0	25°	7656.9	8418.5	8849.0	9279.4	9708.0	9895.0	9618.4	9339.8	9063.2
0.0	27.5°	10218.3	11079.2	11459.1	11836.9	12216.8	12608.3	12265.5	11920.7	11577.9
0.0	30°	12271.3	13212.1	13623.1	14032.1	14443.1	14715.8	14361.3	14004.9	13650.4
0.0	32.5°	14285.4	15313.8	15763.8	16213.7	16661.7	17053.2	16616.9	16178.6	15742.3
0.0	35°	16258.5	17433.0	18052.5	18671.9	19291.3	19655.5	19137.4	18617.3	18099.2
0.0	37.5°	18666.0	20117.2	20810.6	21504.0	22197.4	22861.6	22290.9	21718.3	21147.6
0.0	40°	22906.4	24953.6	26017.1	27082.6	28146.1	29003.1	28282.4	27561.7	26841.1
0.0	42.5°	30062.8	32984.5	34513.5	36040.6	37569.7	38907.8	38150.1	37392.4	36634.7
0.0	45°	40544.0	44431.9	46295.9	48158.1	50022.1	50999.9	49909.2	48816.4	47725.6
0.0	47.5°	47875.6	51747.9	53407.5	55067.0	56726.6	57842.7	56508.4	55174.1	53841.8
0.0	50°	51210.3	54893.6	56559.0	58222.5	59887.9	60774.1	59233.4	57690.7	56150.0
0.0	52.5°	51855.0	55296.8	57283.6	59272.4	61259.1	62443.4	60624.2	58802.9	56983.7
0.0	55°	52552.4	56200.6	58504.9	60811.1	63115.4	64755.5	62698.6	60639.7	58582.8
0.0	57.5°	53865.2	57809.5	60108.0	62404.5	64702.9	66095.6	64032.9	61968.2	59905.4
0.0	60°	53982.1	57675.1	59650.2	61627.3	63602.4	64478.9	62505.8	60530.7	58557.5
0.0	62.5°	50497.4	53269.2	54640.4	56011.7	57383.0	58335.5	56276.6	54215.8	52157.0
0.0	65°	42149.0	43865.1	44957.8	46050.5	47143.2	48278.8	46393.3	44507.8	42622.3
0.0	67.5°	33397.4	34710.3	36149.7	37589.2	39028.6	40242.1	38732.5	37221.0	35711.5
	70°	26858.6	28629.2	30247.8	31866.4	33485.1	34478.5	32963.1	31445.7	29930.3
	72.5°	21338.4	23214.2	24566.0	25915.8	27267.6	27511.1	26396.9	25282.8	24170.6
	75°	12956.9	14075.0	14102.3	14127.6	14154.9	14386.6	13463.4	12540.1	11618.8
	77.5°	3821.6	4220.9	4550.1	4877.4	5206.5	5603.9	5265.0	4924.1	4585.2
	80°	1106.4	1207.7	1293.4	1377.1	1462.8	1412.2	1332.3	1252.5	1172.6
	82.5°	198.7	187.0	185.0	183.1	183.1	173.4	157.8	142.2	126.6
	85°	35.1	33.1	31.2	29.2	27.3	25.3	21.4	19.5	15.6
	87.5°	11.7	9.7	7.8	5.8	5.8	1.9	1.9	1.9	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: P1049454

CATALOG NUMBER: GALN-SA8B-950-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
113.0	113.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.0	111.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.7	124.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.1	144.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.3	175.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
239.6	233.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
438.3	416.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1217.4	1114.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3134.1	2853.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5884.4	5364.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8784.7	8130.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11235.1	10481.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13295.9	12485.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15306.0	14336.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17581.1	16449.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20574.9	19184.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26120.4	24328.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35877.0	33455.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46634.9	43631.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52507.6	49264.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54609.3	51307.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55162.4	51794.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56524.0	52910.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57842.7	54137.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56584.4	53358.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50096.2	47528.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40736.8	38863.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34201.9	32090.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28412.9	26114.5										
23056.4	20985.9										
10695.5	9867.7										
4246.3	3798.3										
1092.7	979.8										
111.0	105.2										
11.7	9.7										
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										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										

REPORT NUMBER: P1049454

CATALOG NUMBER: GALN-SA8B-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°	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0	113.0
0.0	0.0	2.5°	111.0	109.1	109.1	109.1	109.1	107.1	107.1	107.1	107.1
0.0	0.0	5°	122.7	122.7	120.8	120.8	118.8	118.8	116.9	116.9	114.9
0.0	0.0	7.5°	144.1	142.2	140.2	138.3	136.3	132.5	130.5	128.6	128.6
0.0	0.0	10°	173.4	169.5	167.5	163.6	161.7	157.8	153.9	150.0	146.1
0.0	0.0	12.5°	227.9	220.1	214.3	206.5	198.7	192.8	185.0	179.2	171.4
0.0	0.0	15°	395.4	375.9	354.5	329.2	301.9	276.6	249.3	233.7	216.2
0.0	0.0	17.5°	1010.9	909.6	806.4	722.6	638.9	557.1	473.3	412.9	352.6
0.0	0.0	20°	2573.1	2292.6	2012.1	1735.5	1457.0	1180.4	901.8	761.6	621.4
0.0	0.0	22.5°	4842.3	4322.2	3800.2	3295.7	2789.3	2284.8	1780.3	1462.8	1147.3
0.0	0.0	25°	7473.8	6819.3	6164.9	5335.1	4503.4	3673.6	2843.8	2327.7	1811.5
0.0	0.0	27.5°	9725.5	8971.7	8217.9	7208.9	6199.9	5191.0	4182.0	3412.6	2645.1
0.0	0.0	30°	11675.3	10865.0	10054.7	8880.1	7705.6	6531.1	5356.5	4394.3	3432.1
0.0	0.0	32.5°	13366.0	12396.0	11426.0	10214.4	9002.9	7791.3	6579.8	5399.4	4219.0
0.0	0.0	35°	15315.8	14184.1	13050.4	11706.4	10360.5	9016.5	7672.5	6340.2	5005.9
0.0	0.0	37.5°	17793.4	16404.6	15013.8	13516.0	12018.1	10522.2	9024.3	7501.1	5977.9
0.0	0.0	40°	22536.4	20744.4	18952.4	17049.3	15144.4	13241.3	11338.3	9468.4	7598.5
0.0	0.0	42.5°	31034.7	28613.6	26192.4	23660.2	21126.1	18594.0	16059.8	13422.5	10783.2
0.0	0.0	45°	40625.8	37622.3	34616.8	31774.9	28931.1	26089.2	23247.3	19628.2	16009.2
0.0	0.0	47.5°	46019.4	42776.2	39533.1	36843.1	34153.2	31463.2	28773.3	24871.8	20970.3
0.0	0.0	50°	48004.2	44702.6	41401.1	38925.4	36447.7	33972.0	31494.4	27587.1	23677.8
0.0	0.0	52.5°	48426.9	45059.1	41691.3	39200.0	36708.7	34219.4	31728.1	27846.1	23964.1
0.0	0.0	55°	49295.6	45682.4	42067.2	39227.3	36387.3	33547.4	30707.5	26763.1	22818.8
0.0	0.0	57.5°	50431.2	46726.4	43021.6	39786.3	36551.0	33317.6	30082.2	25769.7	21457.3
0.0	0.0	60°	50133.2	46909.5	43683.9	40218.7	36751.6	33286.4	29819.3	25076.3	20331.4
0.0	0.0	62.5°	44959.7	42392.5	39823.3	36973.6	34122.0	31272.4	28422.7	23539.5	18656.3
0.0	0.0	65°	36987.3	35113.5	33239.7	30947.1	28652.5	26359.9	24067.3	19688.6	15311.9
0.0	0.0	67.5°	29977.1	27865.6	25752.2	23925.2	22096.1	20269.1	18440.1	14994.4	11548.7
		70°	23816.1	21519.6	19221.2	17436.9	15650.8	13866.6	12082.4	9791.7	7503.0
		72.5°	18913.4	16842.9	14772.3	12869.3	10964.3	9061.3	7156.3	5802.6	4448.8
		75°	9039.9	8212.0	7384.2	6388.9	5393.5	4398.2	3402.9	2812.7	2224.4
		77.5°	3350.3	2904.2	2456.2	2051.1	1645.9	1242.7	837.6	767.4	697.3
		80°	866.8	755.8	642.8	562.9	481.1	401.3	321.4	290.2	261.0
		82.5°	99.3	91.5	85.7	81.8	76.0	72.1	66.2	60.4	54.5
		85°	5.8	3.9	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: P1049454
CATALOG NUMBER: GALN-SA8B-950-U-RBC

CANDELA DISTRIBUTION (continued):

REPORT NUMBER: P1049454

CATALOG NUMBER: GALN-SA8B-950-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	113.0	113.0
0.0	0.0	2.5°	105.2	103.2
0.0	0.0	5°	111.0	109.1
0.0	0.0	7.5°	122.7	118.8
0.0	0.0	10°	134.4	130.5
0.0	0.0	12.5°	151.9	146.1
0.0	0.0	15°	171.4	159.7
0.0	0.0	17.5°	204.5	179.2
0.0	0.0	20°	276.6	212.3
0.0	0.0	22.5°	389.6	264.9
0.0	0.0	25°	572.7	366.2
0.0	0.0	27.5°	796.7	487.0
0.0	0.0	30°	1059.6	609.7
0.0	0.0	32.5°	1291.4	726.5
0.0	0.0	35°	1593.3	845.4
0.0	0.0	37.5°	1965.4	997.3
0.0	0.0	40°	2541.9	1227.1
0.0	0.0	42.5°	3580.1	1651.8
0.0	0.0	45°	5814.3	2855.5
0.0	0.0	47.5°	8946.4	4723.5
0.0	0.0	50°	10944.8	6028.5
0.0	0.0	52.5°	11108.5	6018.8
0.0	0.0	55°	10140.4	5350.7
0.0	0.0	57.5°	8652.2	4472.2
0.0	0.0	60°	7191.4	3537.3
0.0	0.0	62.5°	5666.2	2442.6
0.0	0.0	65°	4141.1	1727.7
0.0	0.0	67.5°	2974.3	1291.4
		70°	1955.6	989.5
		72.5°	1273.9	806.4
		75°	857.0	668.1
		77.5°	500.6	444.1
		80°	177.3	155.8
		82.5°	33.1	23.4
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049454

CATALOG NUMBER: GALN-SA8B-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

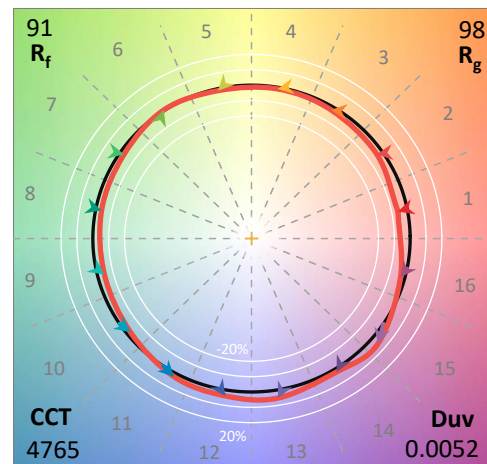
Test Information

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

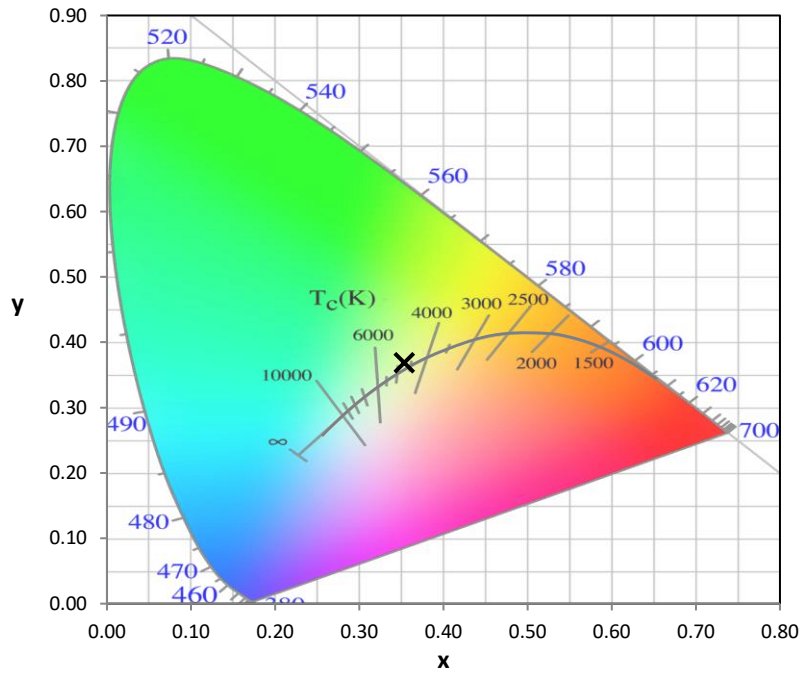
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-17

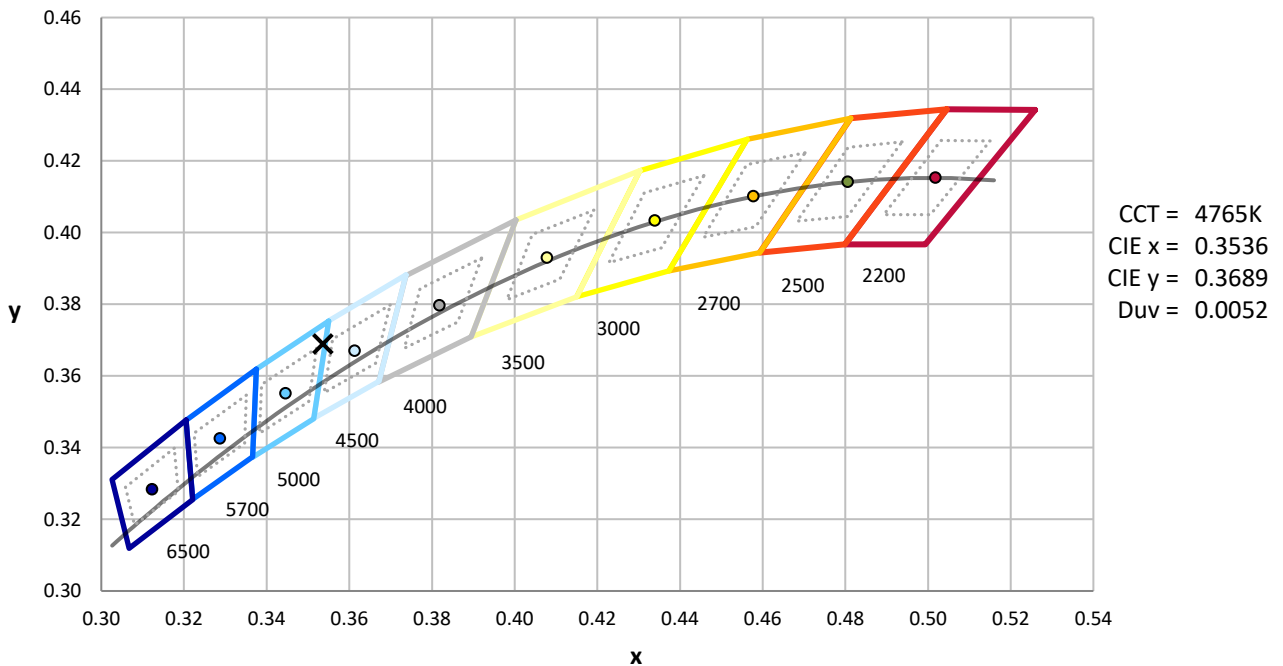
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



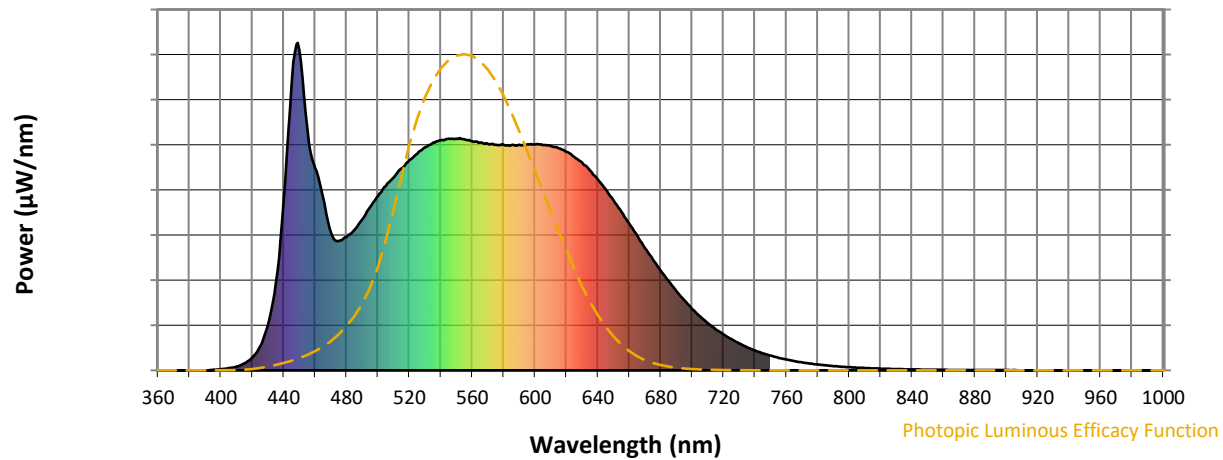
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-17

Photopic Flux vs. Wavelength

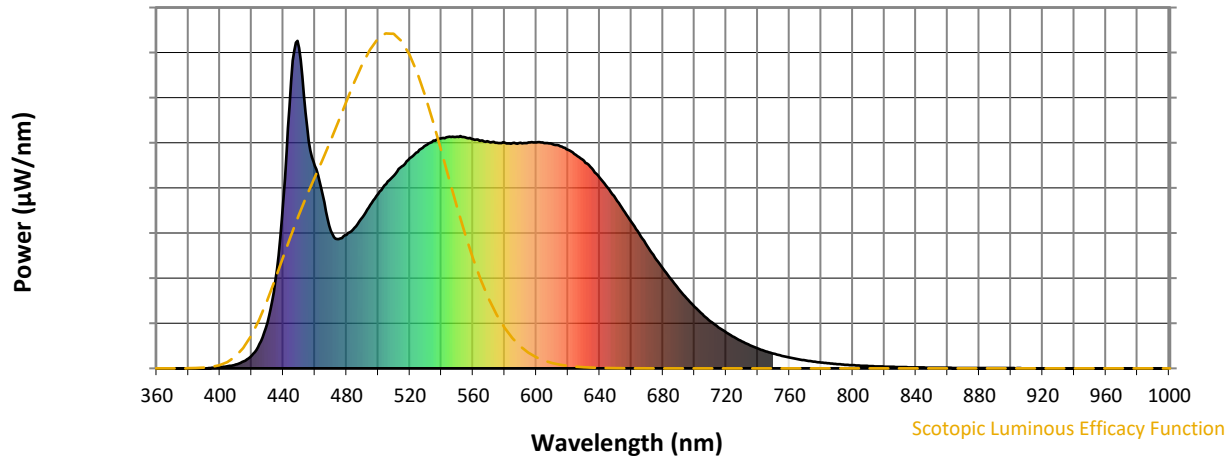


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-17

Scotopic Flux vs. Wavelength



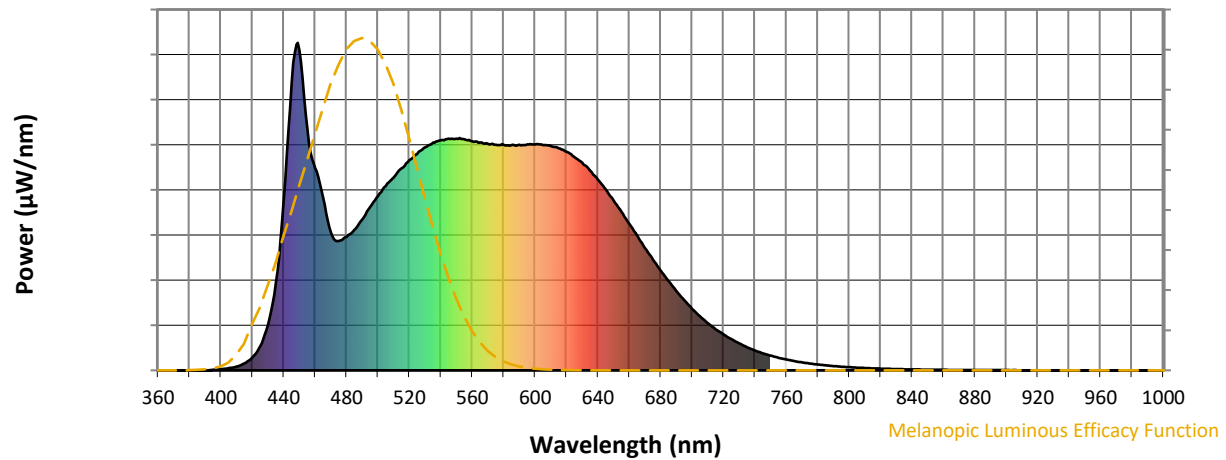
Scotopic Lumens: NR

S/P: 1.99

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

REPORT NUMBER: SP1-2407-184-17

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 4.22

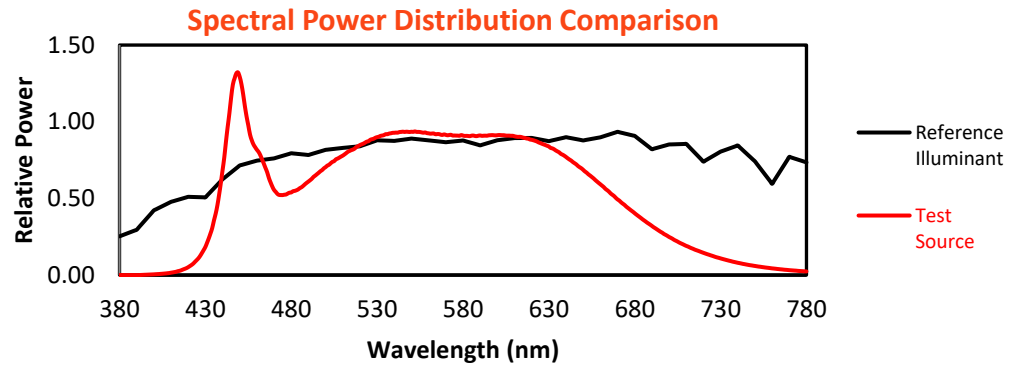
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	462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

REPORT NUMBER: SP1-2407-184-17

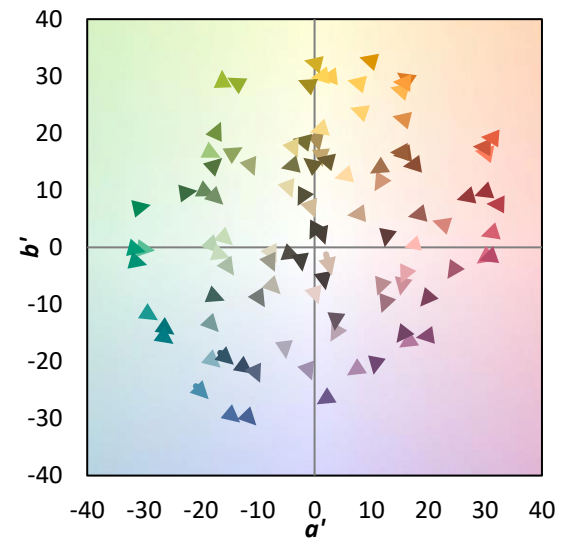
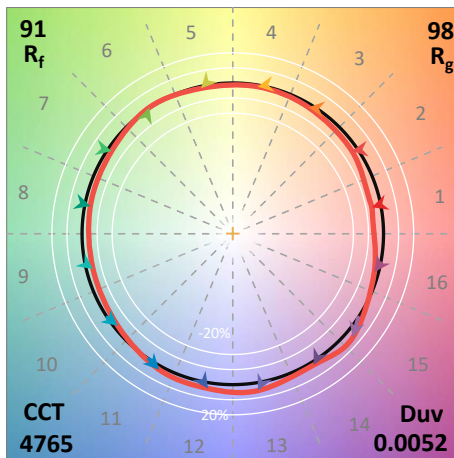
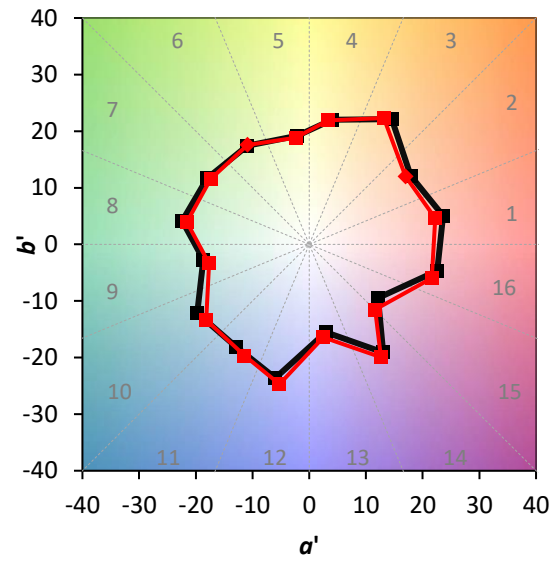
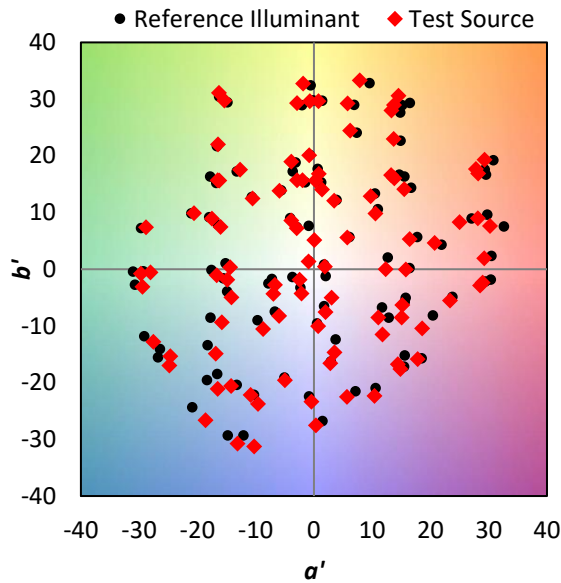
TM-30-18

Summary

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

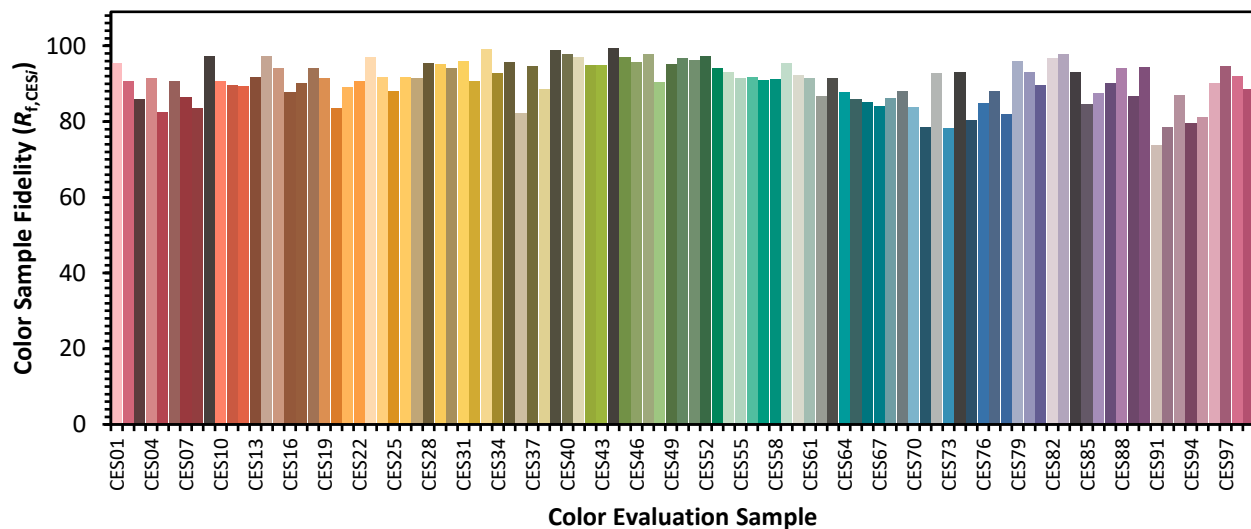


Color Vector Graphics

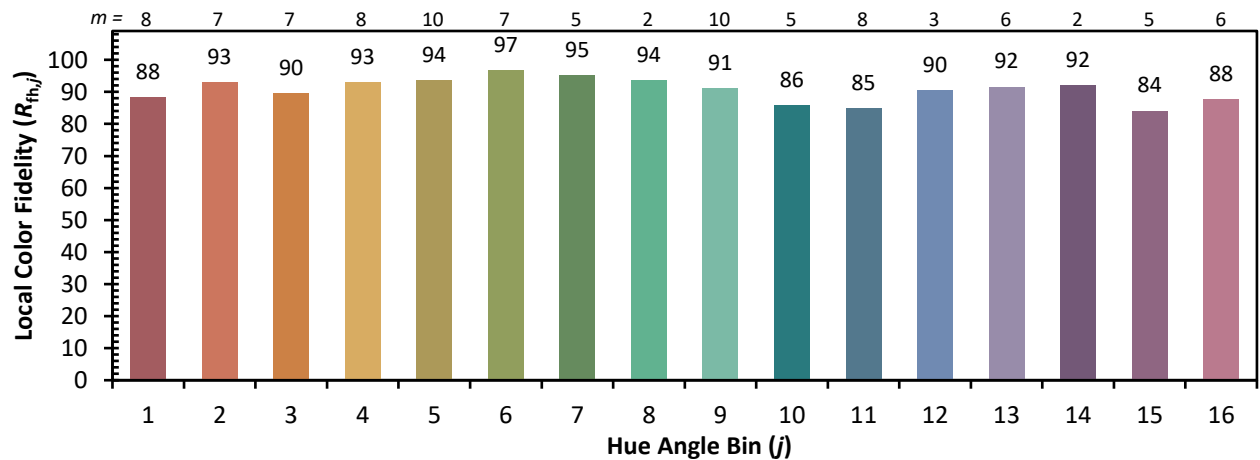
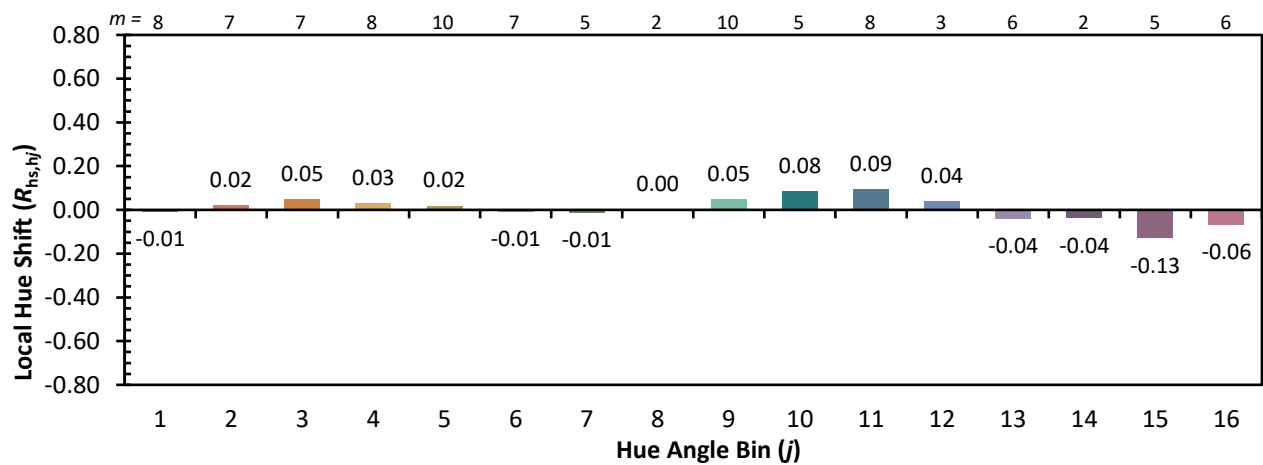
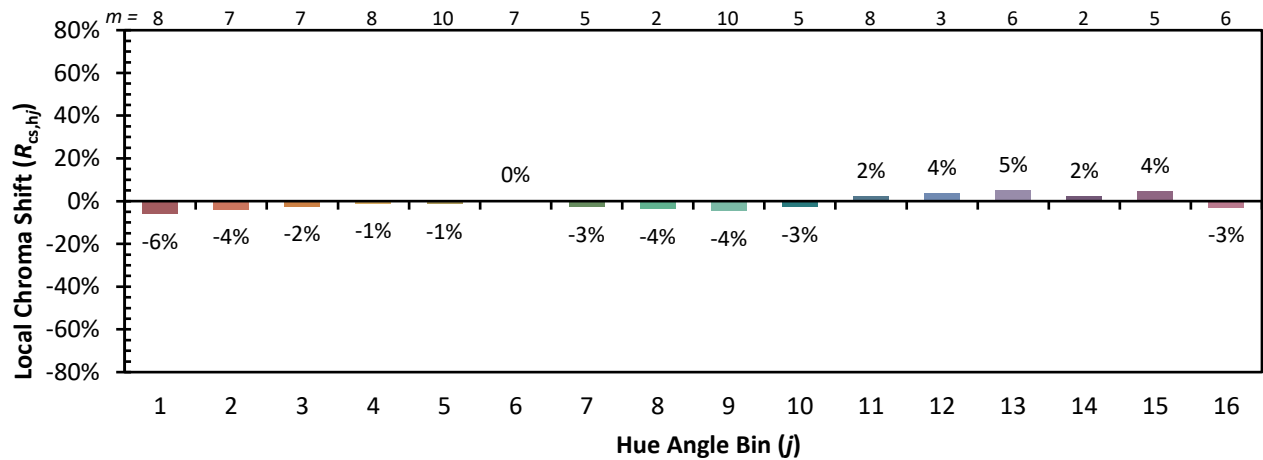


Individual Sample Fidelity Index ($R_{f,i}$)

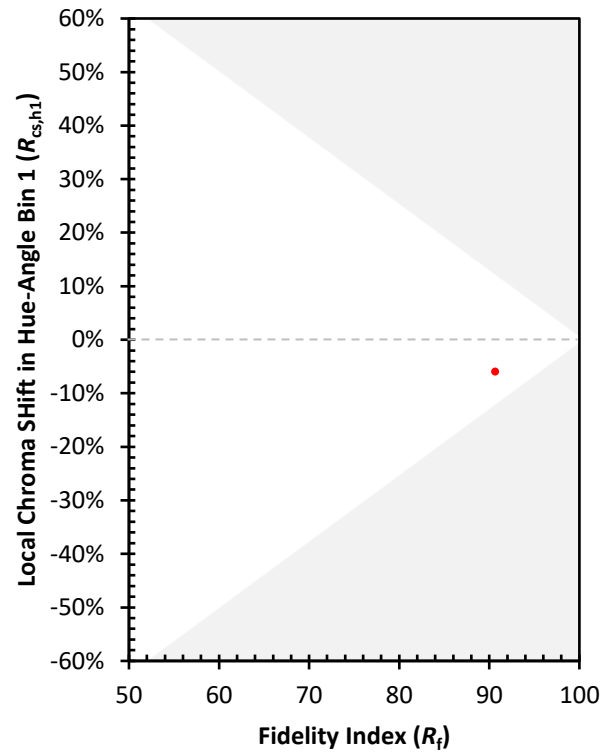
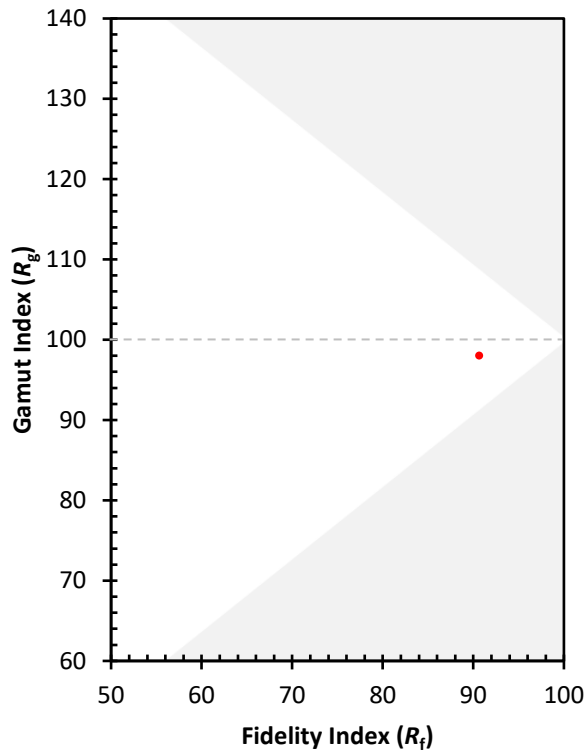
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)