

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: P1049427

Luminaire Tested: **GALN-SA1C-950-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049427
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-950-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
90CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (14) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4104.4 lumens
Efficiency: N/A
Efficacy: 81.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 50.2
Input Voltage (V): 120
Input Current (A_{in}): 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

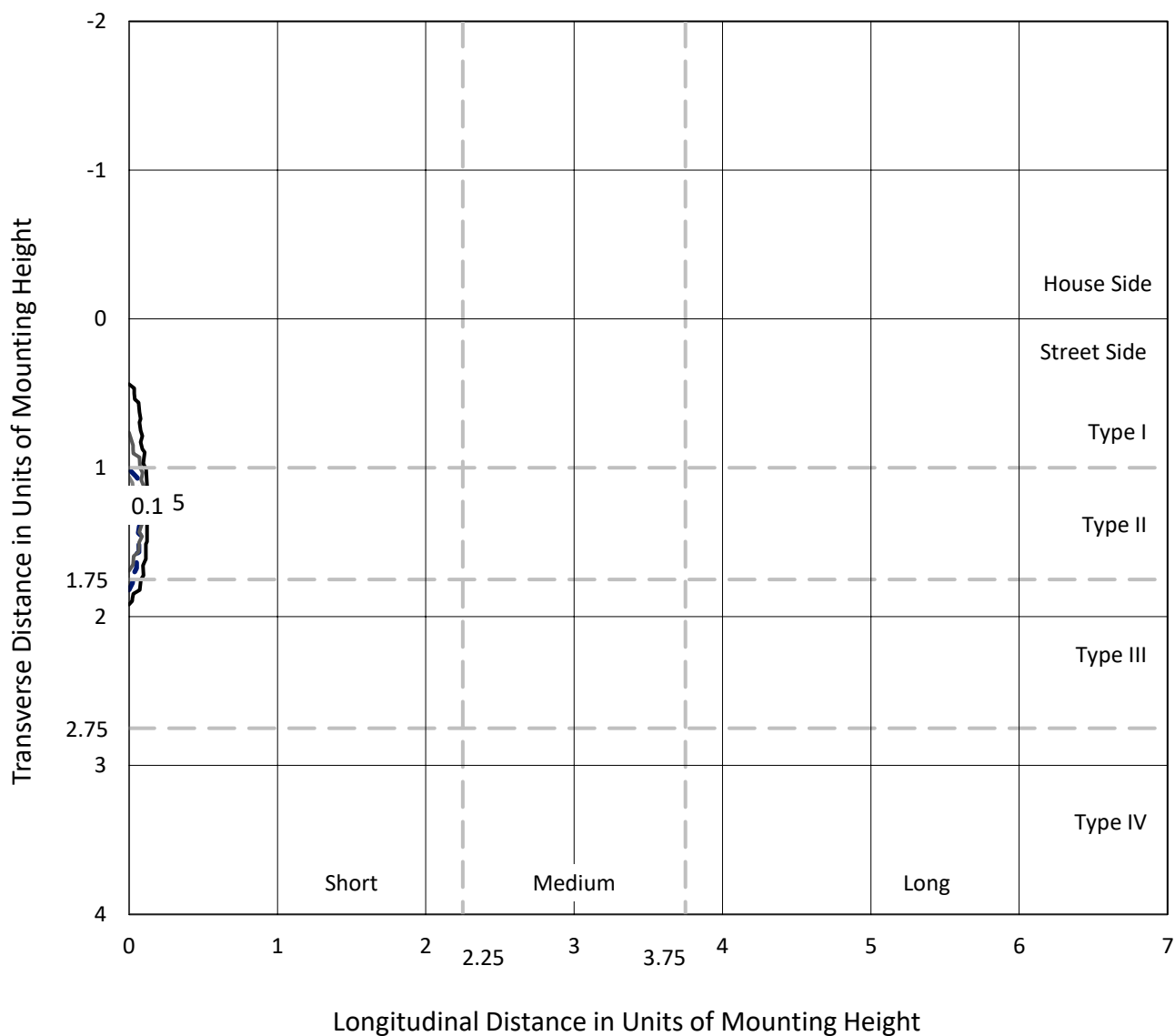
REPORT NUMBER: P1049427

CATALOG NUMBER: GALN-SA1C-950-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

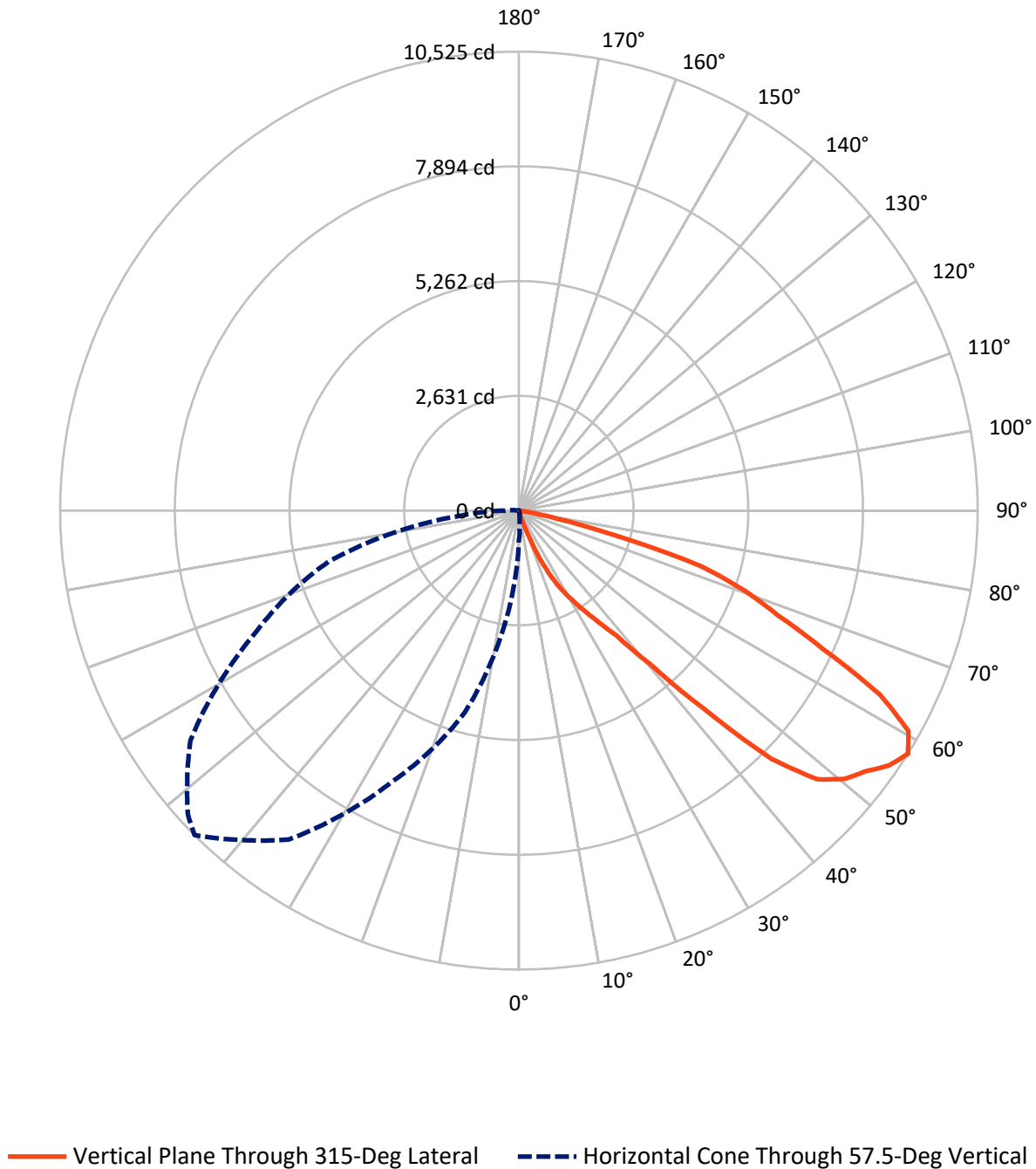


Based on 20 foot mounting height. Maximum calculated value = 0.6 fc

Type III - Short - N/A

REPORT NUMBER: P1049427
CATALOG NUMBER: GALN-SA1C-950-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1049427

CATALOG NUMBER: GALN-SA1C-950-U-RBC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	20.6	0.0	20.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	4083.8	0.0	4083.8
	% Fixture	99.5	0.0	99.5
Total	Lumens	4104.4	0.0	4104.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.6	0.0
10°-20°	9.0	0.2
20°-30°	97.3	2.4
30°-40°	287.6	7.0
40°-50°	857.2	20.9
50°-60°	1359.3	33.1
60°-70°	1134.7	27.6
70°-80°	349.9	8.5
80°-90°	7.8	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°	4104.4	100.0
0°-180°	4104.4	100.0



REPORT NUMBER: P1049427

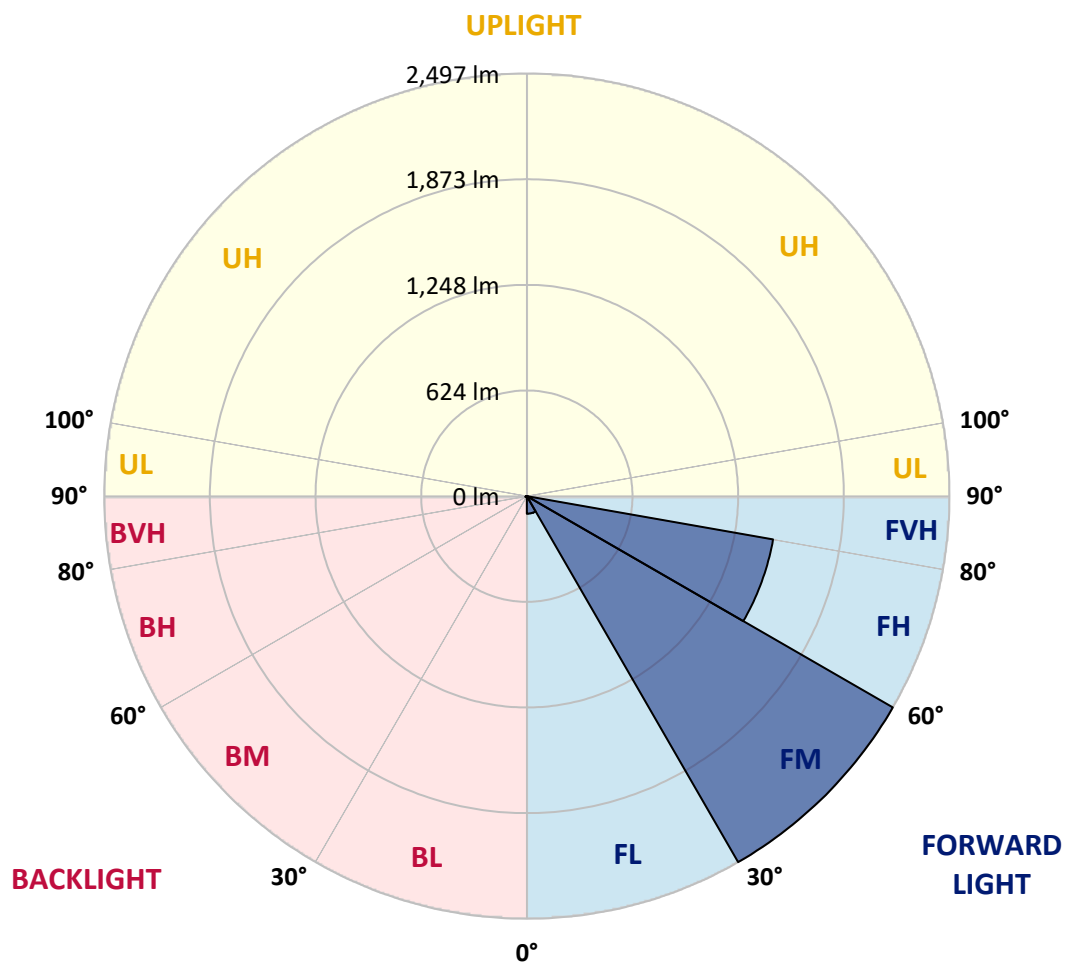
CATALOG NUMBER: GALN-SA1C-950-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	104.1	2.5			
FM	(30°-60°)	2496.8	60.8			
FH	(60°-80°)	1476.9	36.0			G1/1800
FVH	(80°-90°)	6.0	0.1			G0/10
BL	(0°-30°)	3.8	0.1	B0/110		
BM	(30°-60°)	7.3	0.2	B0/220		
BH	(60°-80°)	7.7	0.2	B0/110		G0/110
BVH	(80°-90°)	1.8	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type III Short



REPORT NUMBER: P1049427

CATALOG NUMBER: GALN-SA1C-950-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
2.5°	16.4	16.4	16.4	16.4	16.1	16.1	15.8	15.8	15.5	15.5
5°	17.4	17.4	17.1	16.7	16.7	16.4	16.1	15.8	15.8	15.5
7.5°	18.9	18.6	18.3	18.0	17.4	17.1	16.4	16.1	15.8	15.2
10°	20.8	20.2	19.5	18.9	18.3	17.7	17.1	16.7	16.1	15.8
12.5°	23.3	22.3	21.1	20.2	19.5	18.6	18.0	17.4	16.4	15.8
15°	25.4	24.2	22.6	21.4	20.5	19.2	18.3	17.4	16.7	15.8
17.5°	28.5	26.4	23.9	22.3	21.1	19.5	18.0	17.1	16.1	14.9
20°	33.8	29.5	24.8	23.0	21.1	19.2	17.4	16.1	15.2	14.0
22.5°	42.2	34.7	27.3	24.5	22.0	19.2	16.7	15.5	14.3	13.0
25°	58.3	45.0	31.6	27.9	24.2	20.5	16.7	15.2	14.0	12.4
27.5°	77.5	57.7	37.5	32.3	27.3	22.0	16.7	14.9	13.3	11.5
30°	97.1	70.7	44.0	37.2	30.4	23.6	16.7	14.6	12.7	10.5
32.5°	115.7	82.8	49.6	41.6	33.5	25.1	17.1	14.6	12.1	9.6
35°	134.6	92.7	50.6	42.2	33.8	25.1	16.7	14.0	11.5	8.7
37.5°	158.8	103.9	48.7	40.3	32.3	23.9	15.8	13.3	10.9	8.1
40°	195.4	122.5	49.6	40.9	32.3	23.6	14.9	12.4	10.2	7.8
42.5°	263.0	158.5	53.7	43.7	33.8	23.6	13.6	11.5	9.6	7.4
45°	454.7	263.3	72.0	57.1	42.2	27.3	12.4	10.5	9.0	7.1
47.5°	752.2	440.7	129.3	99.9	70.7	41.3	12.1	10.5	9.0	7.1
50°	960.0	561.4	162.8	125.3	87.8	50.2	12.7	10.9	9.3	7.4
52.5°	958.4	570.1	181.4	139.3	97.4	55.2	13.3	11.5	9.9	8.1
55°	852.0	518.6	184.9	142.1	99.6	56.8	14.3	12.4	10.5	8.7
57.5°	712.1	440.4	168.7	130.6	92.7	54.6	16.4	14.3	12.4	10.2
60°	563.3	347.4	131.5	103.9	76.6	49.0	21.7	18.9	16.4	13.6
62.5°	388.9	251.9	114.8	92.1	69.8	47.1	24.8	22.0	19.5	16.7
65°	275.1	189.5	103.6	84.4	65.4	46.2	27.0	23.9	21.1	18.0
67.5°	205.6	150.7	95.5	79.1	62.7	46.2	29.8	26.1	22.6	18.9
70°	157.6	123.8	89.6	76.3	63.3	49.9	36.6	31.3	26.4	21.1
72.5°	128.4	105.8	82.8	73.2	63.6	54.0	44.4	37.5	30.7	23.6
75°	106.4	90.6	74.7	66.7	58.9	50.9	42.8	36.6	30.7	24.5
77.5°	70.7	64.5	58.0	53.3	48.7	43.7	39.1	33.8	28.8	23.6
80°	24.8	23.9	23.0	24.8	26.7	28.5	30.4	26.7	23.3	19.5
82.5°	3.7	3.4	3.1	3.4	3.7	4.0	4.3	4.7	5.0	5.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA1C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049427

CATALOG NUMBER: GALN-SA1C-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°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
0.0	2.5°	15.2	15.2	14.9	14.9	14.9	14.6	14.6	14.3	14.3	14.3
0.0	5°	14.9	14.9	14.6	14.3	14.0	14.0	13.6	13.3	13.3	13.0
0.0	7.5°	14.6	14.3	14.0	13.6	13.3	13.0	12.7	12.4	12.4	12.1
0.0	10°	14.9	14.3	14.0	13.3	13.0	12.7	12.1	11.8	11.5	11.5
0.0	12.5°	14.3	14.0	13.3	12.7	12.4	11.8	11.5	10.9	10.5	10.5
0.0	15°	14.3	13.6	12.7	12.1	11.5	11.2	10.5	9.9	9.6	9.3
0.0	17.5°	13.3	12.7	11.8	11.2	10.5	9.9	9.3	8.7	8.4	8.1
0.0	20°	12.1	11.5	10.5	9.6	9.0	8.4	7.8	7.1	6.8	6.5
0.0	22.5°	10.9	10.2	9.3	8.4	7.8	7.1	6.2	5.6	5.3	4.7
0.0	25°	10.2	9.3	8.4	7.4	6.5	5.9	5.0	4.0	3.4	2.8
0.0	27.5°	8.7	7.8	6.8	5.9	5.0	4.0	3.1	2.2	1.6	1.2
0.0	30°	7.4	6.5	5.6	4.7	3.4	2.5	1.6	0.3	0.3	0.3
0.0	32.5°	6.2	5.3	4.0	3.1	2.5	1.6	0.9	0.0	0.0	0.0
0.0	35°	5.0	4.0	2.8	1.9	1.6	0.9	0.6	0.0	0.0	0.0
0.0	37.5°	4.3	3.4	2.2	0.9	0.6	0.6	0.3	0.0	0.0	0.0
0.0	40°	4.0	2.8	1.6	0.3	0.3	0.3	0.0	0.0	0.0	0.0
0.0	42.5°	4.0	2.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	4.0	2.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	4.0	2.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	4.3	3.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	5.0	3.7	2.5	1.2	0.9	0.6	0.3	0.0	0.0	0.0
0.0	55°	6.2	5.6	4.7	4.0	3.1	2.2	0.9	0.0	0.0	0.0
0.0	57.5°	8.1	8.1	7.8	7.4	5.6	3.7	1.9	0.0	0.0	0.0
0.0	60°	10.9	10.9	10.9	10.9	8.1	5.6	2.8	0.0	0.0	0.0
0.0	62.5°	13.3	12.7	11.8	11.2	8.4	5.6	2.8	0.0	0.0	0.0
0.0	65°	13.3	12.1	10.5	9.0	6.8	4.7	2.2	0.0	0.0	0.0
0.0	67.5°	12.4	9.9	7.1	4.7	3.4	2.5	1.2	0.0	0.0	0.0
	70°	12.4	8.7	5.0	1.2	0.9	0.6	0.3	0.0	0.0	0.0
	72.5°	12.4	8.4	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	13.6	9.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	13.6	9.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	12.1	8.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	4.0	2.8	1.2	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: P1049427

CATALOG NUMBER: GALN-SA1C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049427

CATALOG NUMBER: GALN-SA1C-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°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
0.0	2.5°	14.0	14.0	14.0	13.6	13.6	13.6	13.6	13.3	13.3	13.3
0.0	5°	12.7	12.7	12.4	12.4	12.1	12.1	11.8	11.8	11.5	11.5
0.0	7.5°	11.8	11.5	11.5	11.2	10.9	10.9	10.5	10.5	10.2	9.9
0.0	10°	10.9	10.5	10.5	10.2	9.9	9.6	9.6	9.3	9.0	8.7
0.0	12.5°	9.9	9.6	9.3	9.0	8.7	8.4	8.4	8.1	7.8	7.4
0.0	15°	8.7	8.4	8.1	7.8	7.4	7.1	7.1	6.8	6.5	6.2
0.0	17.5°	7.4	7.1	7.1	6.8	6.5	6.2	5.9	5.3	5.0	4.7
0.0	20°	5.6	5.3	5.0	4.7	4.3	3.7	3.4	2.8	2.2	1.9
0.0	22.5°	3.7	3.1	2.8	2.2	1.6	1.2	0.9	0.3	0.0	0.0
0.0	25°	1.2	0.9	0.6	0.3	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-SA1C-950-U-RBC

[illegible]

REPORT NUMBER: P1049427

CATALOG NUMBER: GALN-SA1C-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°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
0.0	2.5°	13.0	13.0	13.0	12.7	12.7	12.7	12.7	12.7	12.7	12.7
0.0	5°	11.2	11.2	11.2	10.9	10.9	10.5	10.5	10.5	10.2	10.2
0.0	7.5°	9.6	9.3	9.3	9.0	9.0	8.7	8.7	8.7	8.4	8.4
0.0	10°	8.1	7.8	7.8	7.4	7.4	7.1	7.1	6.8	6.8	6.5
0.0	12.5°	7.1	6.8	6.5	6.2	6.2	5.9	5.6	5.6	5.3	5.0
0.0	15°	5.6	5.3	5.0	4.7	4.3	4.0	3.7	3.7	3.4	3.1
0.0	17.5°	3.7	3.1	2.8	2.5	2.5	2.2	1.9	1.6	1.2	0.9
0.0	20°	0.9	0.6	0.3	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: P1049427

CATALOG NUMBER: GALN-SA1C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049427

CATALOG NUMBER: GALN-SA1C-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°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
0.0	2.5°	12.7	12.4	12.4	12.4	12.7	12.7	12.7	12.7	12.7	12.7
0.0	5°	10.2	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
0.0	7.5°	8.4	8.1	8.1	8.1	8.1	7.8	7.8	7.8	7.8	7.8
0.0	10°	6.5	6.2	6.2	6.2	6.2	5.9	5.9	5.9	5.9	5.9
0.0	12.5°	4.7	4.7	4.3	4.3	4.3	4.0	4.0	4.0	4.0	3.7
0.0	15°	2.8	2.5	2.2	2.2	2.2	1.9	1.9	1.9	1.9	1.6
0.0	17.5°	0.6	0.6	0.3	0.3	0.3	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-SA1C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049427

CATALOG NUMBER: GALN-SA1C-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°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
0.0	2.5°	13.0	13.0	13.3	13.3	13.6	14.3	14.6	14.9	15.5	16.1
0.0	5°	10.2	10.5	10.5	10.9	11.2	11.5	11.8	12.1	12.7	13.3
0.0	7.5°	8.1	8.1	8.4	8.4	8.7	9.3	9.6	9.9	10.5	11.5
0.0	10°	6.2	6.2	6.5	6.5	6.8	7.4	7.8	8.1	8.7	9.6
0.0	12.5°	4.0	4.3	4.3	4.7	5.0	5.6	5.9	6.2	6.8	7.4
0.0	15°	1.9	2.2	2.2	2.5	2.8	3.4	3.7	4.0	4.7	5.6
0.0	17.5°	0.3	0.3	0.6	0.6	0.9	1.2	1.6	1.9	2.8	3.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA1C-950-U-RBC

[illegible]

REPORT NUMBER: P1049427

CATALOG NUMBER: GALN-SA1C-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°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
0.0	2.5°	17.1	17.7	18.3	18.9	19.5	20.2	20.5	21.1	21.4	21.7
0.0	5°	14.6	15.2	16.1	16.7	17.4	18.0	18.6	18.9	19.2	19.5
0.0	7.5°	12.7	13.3	14.3	14.9	15.5	16.1	16.7	17.4	17.7	18.0
0.0	10°	10.9	11.8	12.4	13.3	14.0	14.6	15.2	15.8	16.4	16.7
0.0	12.5°	8.7	9.6	10.5	11.2	12.1	13.0	13.6	14.3	14.9	15.5
0.0	15°	6.8	7.8	8.7	9.3	10.2	11.2	12.1	12.7	13.3	14.0
0.0	17.5°	5.0	5.9	6.8	7.4	8.4	9.3	9.9	10.9	11.5	12.1
0.0	20°	2.5	3.4	4.3	5.3	6.2	7.1	7.8	8.7	9.3	9.9
0.0	22.5°	0.3	1.2	2.2	2.8	3.7	4.7	5.3	6.2	6.8	7.4
0.0	25°	0.0	0.3	0.9	1.2	1.6	2.2	2.8	3.4	4.0	4.7
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.6	1.2	1.9	2.5
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
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	0.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6
	85°	0.0	0.0	0.0	0.0	0.0	0.6	0.9	1.6	1.9	2.2
	87.5°	0.0	0.3	0.6	0.9	1.2	1.9	2.5	3.1	3.4	3.7
	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: P1049427

CATALOG NUMBER: GALN-SA1C-950-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
18.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.3											
1.2											
2.8											
4.0											
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: P1049427

CATALOG NUMBER: GALN-SA1C-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°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
0.0	2.5°	22.0	22.0	22.0	22.0	21.7	21.7	21.7	21.4	21.4	21.1
0.0	5°	20.2	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.2	20.2
0.0	7.5°	18.6	18.9	19.2	19.2	19.5	19.5	19.5	19.2	19.2	18.9
0.0	10°	17.7	18.0	18.0	18.3	18.3	18.3	18.3	18.3	18.3	18.3
0.0	12.5°	16.4	16.7	17.1	17.1	17.4	17.4	17.4	17.4	17.1	17.1
0.0	15°	14.9	15.5	15.8	16.1	16.1	16.4	16.4	16.4	16.4	16.4
0.0	17.5°	13.6	14.3	14.6	14.9	14.9	15.2	15.2	15.5	15.5	15.5
0.0	20°	11.2	11.8	12.1	12.7	13.0	13.3	13.6	14.0	14.0	14.3
0.0	22.5°	8.7	9.3	9.6	10.2	10.5	10.9	11.2	11.5	11.8	12.1
0.0	25°	6.2	6.8	7.1	7.8	8.1	8.4	8.7	9.0	9.0	9.3
0.0	27.5°	3.4	4.0	4.7	5.0	5.6	5.9	6.2	6.5	6.8	7.1
0.0	30°	1.6	1.9	2.2	2.8	3.1	3.4	3.7	4.3	4.7	5.0
0.0	32.5°	0.0	0.0	0.3	0.9	1.2	1.6	1.9	2.2	2.2	2.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.2
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°	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9
	82.5°	1.6	1.9	2.2	2.2	2.5	2.5	2.5	2.5	2.2	2.2
	85°	3.1	3.4	3.7	3.7	4.0	4.0	4.0	4.0	4.0	4.0
	87.5°	4.3	4.7	5.0	5.0	5.3	5.3	5.3	5.3	5.3	5.3
	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: P1049427

CATALOG NUMBER: GALN-SA1C-950-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
18.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.9											
2.2											
4.0											
5.3											
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: P1049427

CATALOG NUMBER: GALN-SA1C-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°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
0.0	2.5°	20.8	20.8	20.5	20.5	20.5	20.5	20.5	20.8	21.1	21.1
0.0	5°	19.9	19.9	19.5	19.5	19.5	19.9	19.9	20.2	20.5	20.8
0.0	7.5°	18.9	18.6	18.6	18.9	18.9	19.2	19.2	19.5	19.9	20.2
0.0	10°	18.3	18.0	18.0	18.0	18.3	18.3	18.6	18.9	19.2	19.5
0.0	12.5°	17.1	17.1	17.1	17.1	17.4	17.4	17.7	18.0	18.6	18.9
0.0	15°	16.4	16.1	16.1	16.1	16.1	16.4	16.4	17.1	17.7	18.0
0.0	17.5°	15.2	15.2	14.9	14.9	15.2	15.2	15.5	16.1	16.7	17.1
0.0	20°	14.0	13.6	13.3	13.3	13.6	13.6	14.0	14.6	15.2	15.5
0.0	22.5°	12.1	11.8	11.8	11.8	11.8	12.1	12.1	12.7	13.6	14.3
0.0	25°	9.6	9.9	9.9	10.2	10.2	10.5	10.9	11.5	12.4	13.0
0.0	27.5°	7.4	7.8	7.8	8.4	8.7	9.0	9.3	10.2	11.2	11.8
0.0	30°	5.6	5.9	6.2	6.5	7.1	7.8	8.4	9.3	10.2	10.9
0.0	32.5°	3.4	4.0	4.3	5.0	5.6	6.2	6.8	7.8	9.0	9.9
0.0	35°	2.5	2.8	3.4	3.7	4.3	5.0	5.6	6.8	7.8	9.0
0.0	37.5°	1.2	1.9	2.5	3.1	3.7	4.3	5.0	6.2	7.4	8.4
0.0	40°	0.9	1.6	1.9	2.5	3.4	4.0	4.7	5.9	7.1	8.4
0.0	42.5°	0.6	0.9	1.2	2.2	2.8	3.7	4.7	5.9	7.1	8.4
0.0	45°	0.6	0.6	0.9	1.9	2.8	4.0	5.0	6.2	7.1	8.4
0.0	47.5°	0.6	0.9	1.2	2.5	3.1	4.0	5.0	5.9	7.1	8.1
0.0	50°	0.9	1.2	1.6	2.8	3.4	4.3	5.0	6.2	7.1	8.4
0.0	52.5°	0.6	0.9	1.2	2.5	3.4	4.7	5.6	6.8	8.1	9.0
0.0	55°	0.3	0.3	0.3	1.9	3.7	5.3	7.1	8.1	9.3	10.2
0.0	57.5°	0.0	0.0	0.0	1.2	3.7	5.9	8.1	9.3	10.5	11.5
0.0	60°	0.0	0.0	0.0	1.2	3.7	5.9	8.1	9.6	11.2	12.7
0.0	62.5°	0.0	0.0	0.0	1.2	3.1	5.0	6.8	9.3	12.1	14.6
0.0	65°	0.0	0.0	0.0	0.9	2.5	4.0	5.6	9.3	13.0	16.4
0.0	67.5°	0.0	0.0	0.0	0.9	2.5	3.7	5.3	9.3	13.0	17.1
	70°	0.0	0.0	0.0	0.9	2.5	4.0	5.6	9.3	13.0	16.7
	72.5°	0.0	0.0	0.0	0.9	2.8	4.3	6.2	9.3	12.4	15.5
	75°	0.0	0.0	0.0	1.2	2.8	4.7	6.5	9.3	12.1	14.6
	77.5°	0.0	0.0	0.0	0.9	2.8	4.3	6.2	9.0	11.8	14.3
	80°	0.9	0.6	0.6	1.6	2.8	4.0	5.3	8.1	11.2	14.0
	82.5°	1.9	1.9	1.6	2.2	2.8	3.7	4.7	7.1	9.9	12.4
	85°	3.7	3.7	3.4	3.7	3.7	4.0	4.3	5.6	6.8	8.1
	87.5°	5.0	5.0	4.7	4.7	4.7	4.3	4.3	4.3	4.3	4.0
	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: P1049427

CATALOG NUMBER: GALN-SA1C-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
18.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.5											
18.6											
17.4											
17.1											
16.7											
14.9											
9.3											
4.0											
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: P1049427

CATALOG NUMBER: GALN-SA1C-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°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
0.0	2.5°	21.7	22.0	22.0	22.3	22.6	23.0	23.0	23.3	23.3	23.3
0.0	5°	21.4	22.0	22.3	22.6	23.0	23.3	23.6	23.9	24.2	24.2
0.0	7.5°	21.1	21.4	22.0	22.3	23.0	23.3	23.9	24.2	24.5	24.8
0.0	10°	20.5	21.1	21.7	22.3	23.0	23.6	24.2	24.8	25.4	25.7
0.0	12.5°	19.9	20.8	21.4	22.0	23.0	23.9	24.5	25.4	26.1	26.7
0.0	15°	19.5	20.2	21.1	21.7	23.0	24.2	25.1	26.4	27.6	28.5
0.0	17.5°	18.6	19.9	20.8	21.7	23.0	24.5	25.7	27.0	28.8	30.7
0.0	20°	17.4	18.3	19.5	20.5	22.3	23.9	25.7	27.3	30.1	32.9
0.0	22.5°	16.1	17.4	18.3	19.5	21.7	23.6	25.7	27.6	32.3	36.6
0.0	25°	14.9	16.4	17.7	18.9	21.4	23.9	26.4	28.8	36.6	44.4
0.0	27.5°	14.3	15.5	17.1	18.3	21.4	24.8	27.9	31.0	43.4	55.5
0.0	30°	13.3	14.9	16.1	17.7	21.7	25.7	29.8	33.8	52.7	71.6
0.0	32.5°	12.4	14.0	15.5	17.1	22.3	27.6	32.6	37.8	62.7	87.2
0.0	35°	11.5	13.3	14.9	16.4	23.3	30.4	37.2	44.0	71.6	98.9
0.0	37.5°	11.2	13.0	14.6	16.1	23.6	30.7	38.2	45.3	72.6	99.9
0.0	40°	11.5	13.0	14.9	16.4	22.6	28.8	34.7	40.9	69.5	97.7
0.0	42.5°	11.5	13.3	15.2	17.1	22.0	27.0	31.9	36.9	68.5	100.2
0.0	45°	11.2	13.0	14.9	16.7	21.4	25.7	30.4	34.7	74.1	113.2
0.0	47.5°	10.9	12.7	14.6	16.4	21.1	25.7	30.4	35.0	95.8	156.3
0.0	50°	10.9	12.7	14.3	15.8	21.4	27.3	32.9	38.5	139.6	240.4
0.0	52.5°	11.5	13.0	14.3	15.5	22.0	28.8	35.4	41.9	177.4	312.6
0.0	55°	12.4	13.3	14.6	15.5	23.6	31.3	39.4	47.1	188.9	330.6
0.0	57.5°	13.6	14.6	15.5	16.4	26.4	36.3	45.9	55.8	189.8	323.5
0.0	60°	15.2	16.4	17.4	18.3	28.8	39.7	50.2	60.8	171.8	282.6
0.0	62.5°	18.6	20.2	21.4	23.0	33.2	43.1	53.3	63.3	142.7	222.1
0.0	65°	21.4	22.6	23.9	25.1	35.0	45.3	55.2	65.1	121.0	176.8
0.0	67.5°	22.0	23.3	24.2	25.4	35.7	45.9	55.8	66.1	103.6	140.8
	70°	22.3	23.9	25.7	27.3	37.8	48.4	58.6	69.2	91.8	114.5
	72.5°	21.4	24.5	27.3	30.1	40.0	49.6	59.6	69.2	85.3	101.4
	75°	21.4	25.7	29.8	33.8	41.3	48.4	55.8	63.0	75.4	87.8
	77.5°	22.6	28.2	33.8	39.4	43.7	47.8	52.1	56.1	64.2	72.3
	80°	22.6	28.5	34.1	40.0	41.9	44.0	45.9	47.8	48.7	49.6
	82.5°	19.5	24.2	28.8	33.5	31.3	29.2	27.0	24.8	23.3	21.4
	85°	9.9	10.9	11.5	12.1	11.2	10.2	9.3	8.4	7.8	6.8
	87.5°	4.0	4.0	3.7	3.7	3.7	3.7	3.4	3.4	3.4	3.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049427

CATALOG NUMBER: GALN-SA1C-950-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
18.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
192.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
239.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
301.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
459.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
703.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
885.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
905.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
817.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
698.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
545.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
412.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
304.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
215.6											
160.4											
116.6											
87.8											
49.3											
22.3											
6.5											
3.1											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049427

CATALOG NUMBER: GALN-SA1C-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°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
0.0	2.5°	23.3	23.0	23.0	22.6	22.3	22.0	21.7	21.4	21.1	20.8
0.0	5°	24.2	24.2	24.2	23.9	23.9	23.6	23.6	23.3	23.0	22.6
0.0	7.5°	25.1	25.4	25.4	25.7	25.7	25.7	25.7	25.4	25.4	25.4
0.0	10°	26.7	27.0	27.3	27.6	27.9	28.2	28.2	28.5	28.5	28.5
0.0	12.5°	28.5	29.5	30.1	31.0	31.6	32.6	33.2	34.1	34.7	35.4
0.0	15°	31.3	32.9	34.7	36.3	37.8	40.0	42.5	44.7	46.8	50.2
0.0	17.5°	35.4	40.3	45.3	49.9	54.9	65.8	76.6	87.2	98.0	113.8
0.0	20°	43.1	58.0	72.6	87.5	102.0	140.2	178.0	216.2	254.0	294.7
0.0	22.5°	60.5	97.1	133.7	170.3	206.9	286.6	366.0	445.7	525.1	618.5
0.0	25°	87.8	155.1	222.4	289.4	356.7	481.4	606.4	731.1	855.7	977.0
0.0	27.5°	127.8	230.8	333.7	436.4	539.4	708.4	877.8	1046.8	1215.8	1352.9
0.0	30°	177.1	316.7	456.3	595.8	735.4	927.7	1120.0	1312.0	1504.3	1654.1
0.0	32.5°	223.6	394.5	565.4	736.0	906.9	1125.9	1345.2	1564.2	1783.1	1946.9
0.0	35°	254.0	460.6	667.5	874.0	1080.6	1317.6	1554.5	1791.2	2028.2	2215.2
0.0	37.5°	284.4	522.9	761.1	999.7	1237.9	1498.1	1758.3	2018.6	2278.8	2509.9
0.0	40°	318.5	598.3	877.8	1157.5	1437.0	1745.3	2053.3	2361.6	2669.6	2995.6
0.0	42.5°	377.8	723.3	1069.1	1414.7	1760.2	2168.1	2575.9	2983.5	3391.3	3856.6
0.0	45°	489.1	976.1	1463.4	1950.3	2437.3	2977.6	3518.2	4058.5	4598.8	5217.9
0.0	47.5°	761.8	1431.7	2101.4	2771.3	3441.0	4024.4	4607.5	5190.9	5774.0	6390.6
0.0	50°	1165.6	1945.4	2725.1	3504.6	4284.3	4812.2	5339.8	5867.7	6395.3	6981.8
0.0	52.5°	1457.8	2270.1	3082.7	3895.1	4707.4	5183.8	5660.5	6136.9	6613.3	7161.4
0.0	55°	1479.8	2287.5	3095.4	3903.1	4710.8	5189.4	5668.0	6146.5	6625.1	7206.1
0.0	57.5°	1310.1	2111.3	2912.1	3713.3	4514.1	5059.1	5603.8	6148.7	6693.4	7321.4
0.0	60°	1114.4	1915.9	2717.0	3518.5	4319.7	4947.4	5575.5	6203.3	6831.1	7419.5
0.0	62.5°	869.4	1693.8	2518.5	3343.0	4167.4	4804.8	5442.2	6079.2	6716.6	7158.0
0.0	65°	647.9	1448.5	2249.0	3049.2	3849.8	4360.3	4870.8	5381.1	5891.6	6164.8
0.0	67.5°	468.3	1158.8	1848.9	2539.3	3229.4	3594.8	3960.2	4325.3	4690.6	4899.7
	70°	316.7	795.0	1272.9	1751.2	2229.2	2529.4	2829.9	3130.2	3430.4	3712.7
	72.5°	219.3	487.9	756.8	1025.4	1294.0	1596.1	1897.9	2200.0	2501.8	2800.5
	75°	145.5	267.7	390.2	512.4	634.6	858.2	1082.2	1305.8	1529.4	1707.5
	77.5°	103.3	139.9	176.8	213.4	250.0	291.9	334.0	375.9	417.8	481.4
	80°	49.0	53.7	58.3	62.7	67.3	82.5	97.7	112.9	128.1	144.2
	82.5°	23.3	25.1	27.0	28.5	30.4	31.9	33.5	35.0	36.6	35.0
	85°	6.2	6.2	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.2
	87.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.5	2.5	2.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049427

CATALOG NUMBER: GALN-SA1C-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
18.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
335.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
711.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1098.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1490.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1804.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2111.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2402.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2741.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3321.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4321.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5837.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7007.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7568.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7709.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7787.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7949.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8007.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7599.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6438.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5109.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3994.6											
3099.2											
1885.5											
545.0											
160.4											
33.2											
5.9											
2.2											
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: P1049427

CATALOG NUMBER: GALN-SA1C-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
0.0	2.5°	20.2	19.9	19.5	19.2	18.9	18.3	18.3	18.0	18.0
0.0	5°	22.0	21.7	21.4	21.1	21.1	20.8	20.5	20.5	20.2
0.0	7.5°	25.1	24.8	24.5	24.2	24.2	23.9	23.9	23.6	23.6
0.0	10°	28.8	28.8	28.8	28.8	28.8	28.5	28.5	28.5	28.2
0.0	12.5°	36.3	36.6	37.2	37.8	38.8	38.8	38.8	38.5	38.5
0.0	15°	57.4	60.8	63.3	65.8	67.9	72.9	72.3	71.3	70.7
0.0	17.5°	145.2	160.7	169.0	177.1	185.5	208.4	204.7	201.0	197.6
0.0	20°	376.2	416.9	443.8	470.8	498.1	541.2	530.7	520.1	509.6
0.0	22.5°	804.9	898.2	938.9	979.5	1019.8	1071.9	1038.1	1004.3	970.8
0.0	25°	1219.3	1340.5	1409.1	1477.6	1545.9	1575.6	1531.6	1487.2	1443.2
0.0	27.5°	1627.1	1764.2	1824.7	1884.9	1945.4	2007.7	1953.1	1898.2	1843.6
0.0	30°	1954.0	2103.9	2169.3	2234.4	2299.9	2343.3	2286.8	2230.1	2173.6
0.0	32.5°	2274.8	2438.5	2510.2	2581.8	2653.2	2715.5	2646.0	2576.2	2506.8
0.0	35°	2588.9	2776.0	2874.6	2973.2	3071.9	3129.9	3047.4	2964.6	2882.1
0.0	37.5°	2972.3	3203.4	3313.8	3424.2	3534.6	3640.4	3549.5	3458.3	3367.5
0.0	40°	3647.5	3973.5	4142.9	4312.5	4481.9	4618.4	4503.6	4388.8	4274.1
0.0	42.5°	4787.1	5252.3	5495.8	5739.0	5982.5	6195.5	6074.9	5954.2	5833.6
0.0	45°	6456.1	7075.2	7372.0	7668.5	7965.4	8121.1	7947.4	7773.4	7599.7
0.0	47.5°	7623.5	8240.2	8504.4	8768.7	9032.9	9210.7	8998.2	8785.7	8573.6
0.0	50°	8154.6	8741.1	9006.3	9271.1	9536.3	9677.5	9432.1	9186.5	8941.1
0.0	52.5°	8257.2	8805.3	9121.6	9438.3	9754.7	9943.3	9653.6	9363.6	9073.9
0.0	55°	8368.3	8949.2	9316.1	9683.4	10050.3	10311.4	9983.9	9656.1	9328.5
0.0	57.5°	8577.3	9205.4	9571.4	9937.1	10303.1	10524.8	10196.4	9867.6	9539.1
0.0	60°	8595.9	9184.0	9498.5	9813.3	10127.8	10267.4	9953.2	9638.7	9324.5
0.0	62.5°	8041.0	8482.4	8700.8	8919.1	9137.5	9289.1	8961.3	8633.1	8305.3
0.0	65°	6711.7	6984.9	7158.9	7332.9	7506.9	7687.8	7387.5	7087.3	6787.0
0.0	67.5°	5318.1	5527.1	5756.4	5985.6	6214.8	6408.0	6167.6	5926.9	5686.6
	70°	4276.9	4558.8	4816.6	5074.3	5332.0	5490.2	5248.9	5007.3	4766.0
	72.5°	3397.9	3696.5	3911.8	4126.7	4342.0	4380.8	4203.4	4025.9	3848.8
	75°	2063.2	2241.3	2245.6	2249.6	2254.0	2290.9	2143.9	1996.8	1850.1
	77.5°	608.5	672.1	724.5	776.7	829.1	892.3	838.4	784.1	730.1
	80°	176.2	192.3	205.9	219.3	232.9	224.9	212.2	199.4	186.7
	82.5°	31.6	29.8	29.5	29.2	29.2	27.6	25.1	22.6	20.2
	85°	5.6	5.3	5.0	4.7	4.3	4.0	3.4	3.1	2.5
	87.5°	1.9	1.6	1.2	0.9	0.9	0.3	0.3	0.3	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: P1049427

CATALOG NUMBER: GALN-SA1C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049427

CATALOG NUMBER: GALN-SA1C-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°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
0.0	0.0	2.5°	17.7	17.4	17.4	17.4	17.4	17.1	17.1	17.1	17.1
0.0	0.0	5°	19.5	19.5	19.2	19.2	18.9	18.9	18.6	18.6	18.3
0.0	0.0	7.5°	23.0	22.6	22.3	22.0	21.7	21.1	20.8	20.5	20.5
0.0	0.0	10°	27.6	27.0	26.7	26.1	25.7	25.1	24.5	23.9	23.3
0.0	0.0	12.5°	36.3	35.0	34.1	32.9	31.6	30.7	29.5	28.5	27.3
0.0	0.0	15°	63.0	59.9	56.5	52.4	48.1	44.0	39.7	37.2	34.4
0.0	0.0	17.5°	161.0	144.8	128.4	115.1	101.7	88.7	75.4	65.8	56.1
0.0	0.0	20°	409.7	365.1	320.4	276.4	232.0	188.0	143.6	121.3	98.9
0.0	0.0	22.5°	771.1	688.3	605.1	524.8	444.2	363.8	283.5	232.9	182.7
0.0	0.0	25°	1190.1	1085.9	981.7	849.5	717.1	585.0	452.8	370.6	288.5
0.0	0.0	27.5°	1548.7	1428.6	1308.6	1147.9	987.3	826.6	665.9	543.4	421.2
0.0	0.0	30°	1859.1	1730.1	1601.1	1414.0	1227.0	1040.0	853.0	699.7	546.5
0.0	0.0	32.5°	2128.4	1973.9	1819.4	1626.5	1433.6	1240.7	1047.7	859.8	671.8
0.0	0.0	35°	2438.8	2258.6	2078.1	1864.1	1649.8	1435.8	1221.7	1009.6	797.1
0.0	0.0	37.5°	2833.4	2612.2	2390.8	2152.2	1913.7	1675.5	1437.0	1194.4	951.9
0.0	0.0	40°	3588.6	3303.3	3017.9	2714.9	2411.5	2108.5	1805.5	1507.7	1210.0
0.0	0.0	42.5°	4941.9	4556.3	4170.8	3767.6	3364.1	2960.8	2557.3	2137.3	1717.1
0.0	0.0	45°	6469.1	5990.8	5512.3	5059.7	4606.9	4154.4	3701.8	3125.5	2549.2
0.0	0.0	47.5°	7328.0	6811.5	6295.1	5866.8	5438.4	5010.1	4581.8	3960.5	3339.2
0.0	0.0	50°	7644.0	7118.3	6592.6	6198.3	5803.8	5409.6	5015.1	4392.9	3770.4
0.0	0.0	52.5°	7711.3	7175.0	6638.8	6242.1	5845.4	5449.0	5052.3	4434.1	3816.0
0.0	0.0	55°	7849.7	7274.3	6698.6	6246.4	5794.2	5342.0	4889.8	4261.7	3633.6
0.0	0.0	57.5°	8030.5	7440.6	6850.6	6335.4	5820.2	5305.4	4790.2	4103.5	3416.8
0.0	0.0	60°	7983.0	7469.7	6956.1	6404.3	5852.2	5300.4	4748.3	3993.1	3237.5
0.0	0.0	62.5°	7159.2	6750.4	6341.3	5887.6	5433.5	4979.7	4525.9	3748.3	2970.8
0.0	0.0	65°	5889.7	5591.3	5293.0	4927.9	4562.5	4197.5	3832.4	3135.1	2438.2
0.0	0.0	67.5°	4773.4	4437.2	4100.7	3809.8	3518.5	3227.6	2936.3	2387.7	1839.0
		70°	3792.4	3426.7	3060.7	2776.6	2492.2	2208.1	1924.0	1559.2	1194.8
		72.5°	3011.7	2682.0	2352.3	2049.3	1745.9	1442.9	1139.5	924.0	708.4
		75°	1439.5	1307.7	1175.8	1017.3	858.8	700.4	541.9	447.9	354.2
		77.5°	533.5	462.5	391.1	326.6	262.1	197.9	133.4	122.2	111.0
		80°	138.0	120.3	102.4	89.6	76.6	63.9	51.2	46.2	41.6
		82.5°	15.8	14.6	13.6	13.0	12.1	11.5	10.5	9.6	8.7
		85°	0.9	0.6	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: P1049427
CATALOG NUMBER: GALN-SA1C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049427

CATALOG NUMBER: GALN-SA1C-950-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	18.0	18.0
0.0	0.0	2.5°	16.7	16.4
0.0	0.0	5°	17.7	17.4
0.0	0.0	7.5°	19.5	18.9
0.0	0.0	10°	21.4	20.8
0.0	0.0	12.5°	24.2	23.3
0.0	0.0	15°	27.3	25.4
0.0	0.0	17.5°	32.6	28.5
0.0	0.0	20°	44.0	33.8
0.0	0.0	22.5°	62.0	42.2
0.0	0.0	25°	91.2	58.3
0.0	0.0	27.5°	126.9	77.5
0.0	0.0	30°	168.7	97.1
0.0	0.0	32.5°	205.6	115.7
0.0	0.0	35°	253.7	134.6
0.0	0.0	37.5°	313.0	158.8
0.0	0.0	40°	404.8	195.4
0.0	0.0	42.5°	570.1	263.0
0.0	0.0	45°	925.8	454.7
0.0	0.0	47.5°	1424.6	752.2
0.0	0.0	50°	1742.8	960.0
0.0	0.0	52.5°	1768.9	958.4
0.0	0.0	55°	1614.7	852.0
0.0	0.0	57.5°	1377.8	712.1
0.0	0.0	60°	1145.1	563.3
0.0	0.0	62.5°	902.3	388.9
0.0	0.0	65°	659.4	275.1
0.0	0.0	67.5°	473.6	205.6
		70°	311.4	157.6
		72.5°	202.8	128.4
		75°	136.5	106.4
		77.5°	79.7	70.7
		80°	28.2	24.8
		82.5°	5.3	3.7
		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: P1049427

CATALOG NUMBER: GALN-SA1C-950-U-RBC

CANDELA DISTRIBUTION (continued):

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-17

Test Date: 10/11/2024

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

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

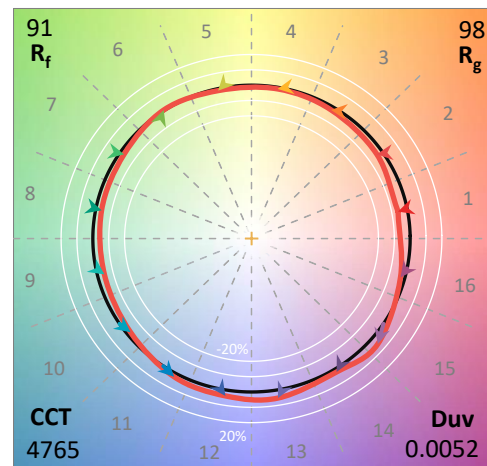
Test Information

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

Spectral Parameters

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

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



Test Conditions

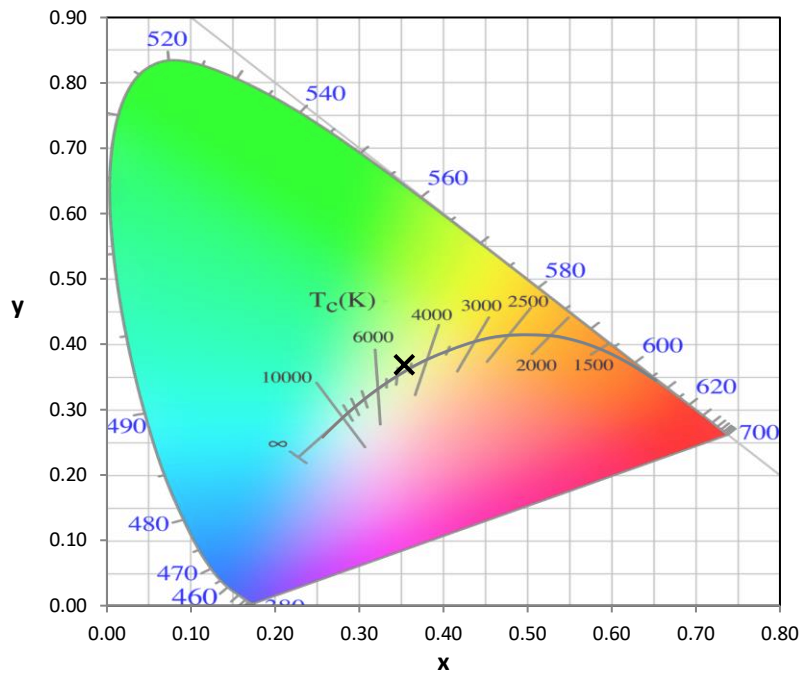
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-17

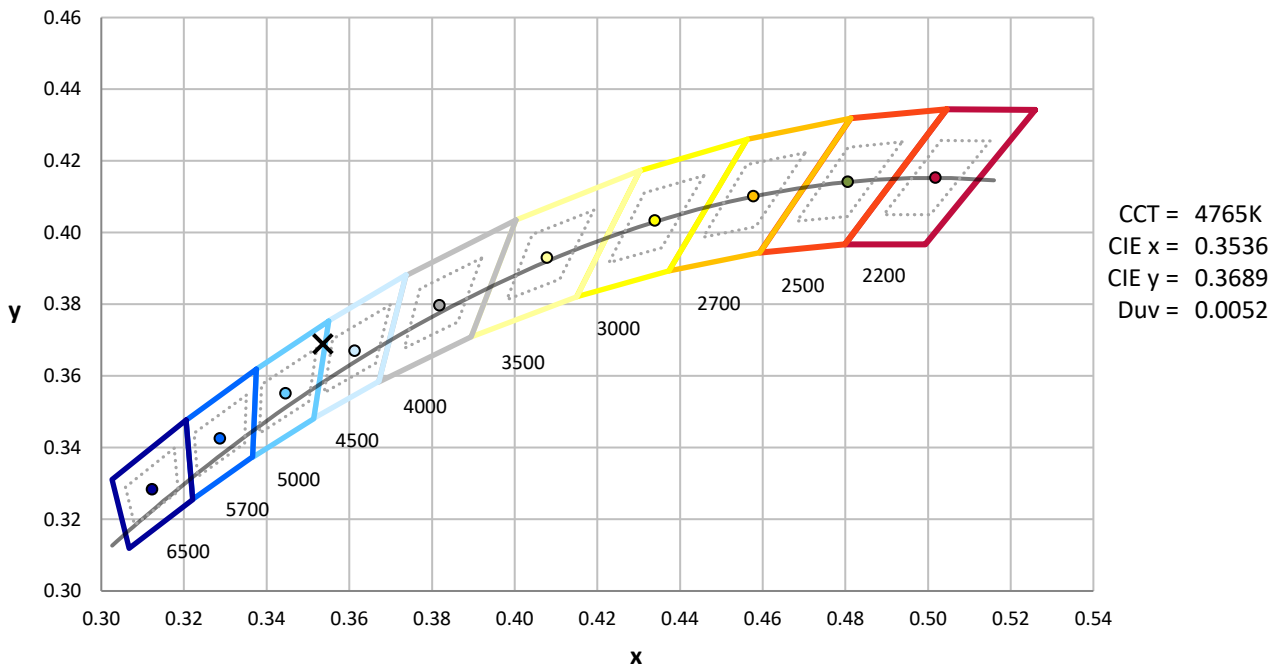
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-17

CIE 1931 Chromaticity Diagram



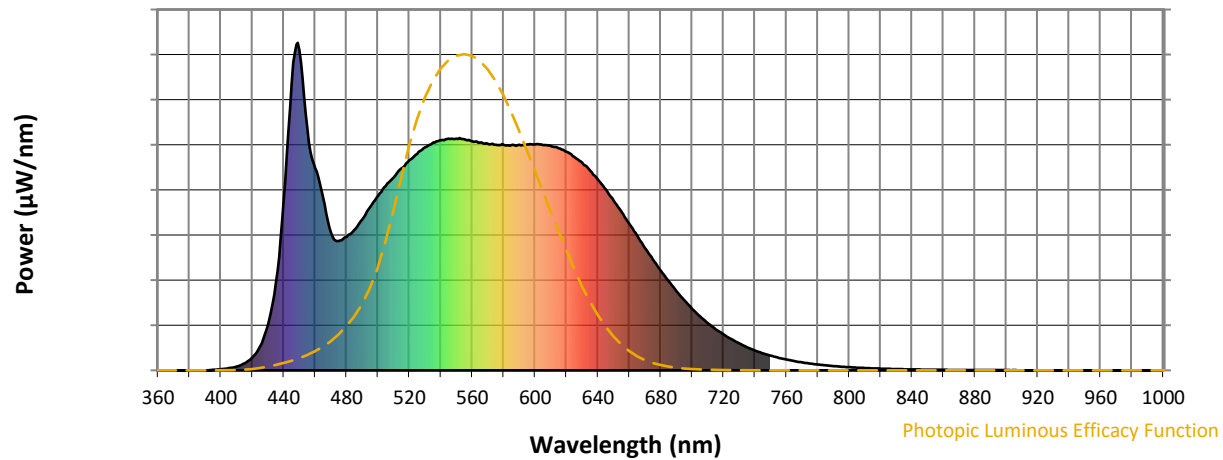
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-17

Photopic Flux vs. Wavelength

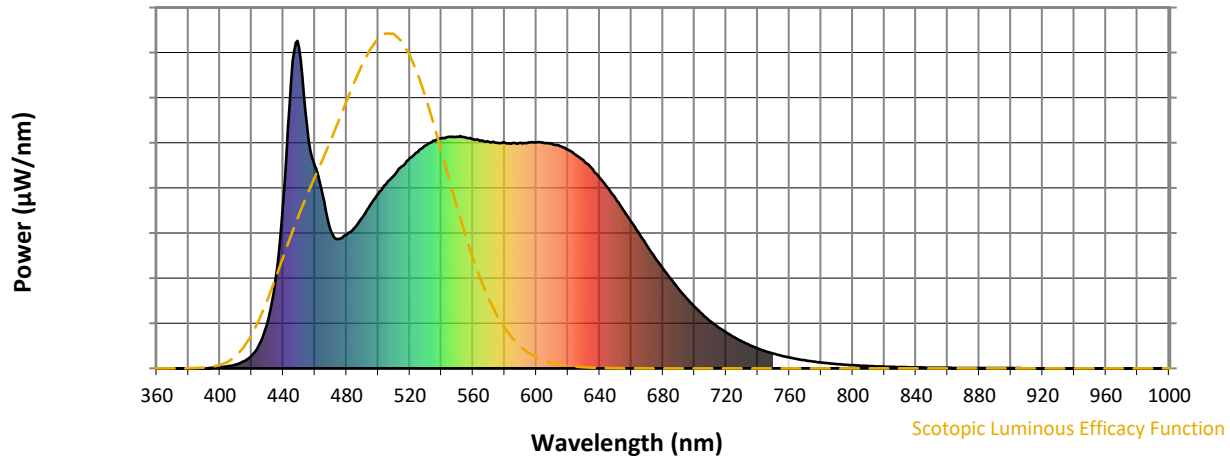


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-17

Scotopic Flux vs. Wavelength



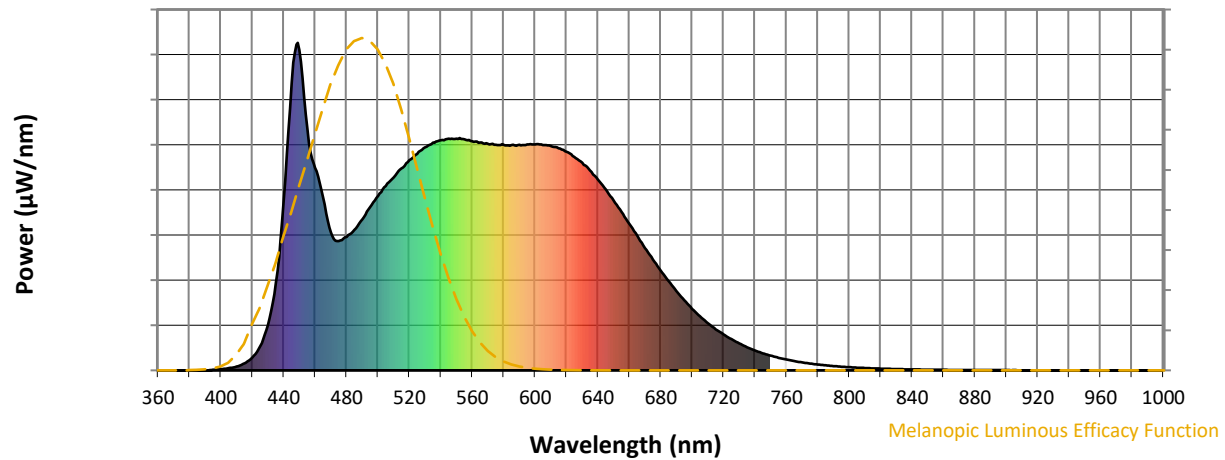
Scotopic Lumens: NR

S/P: 1.99

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

REPORT NUMBER: SP1-2407-184-17

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 4.22

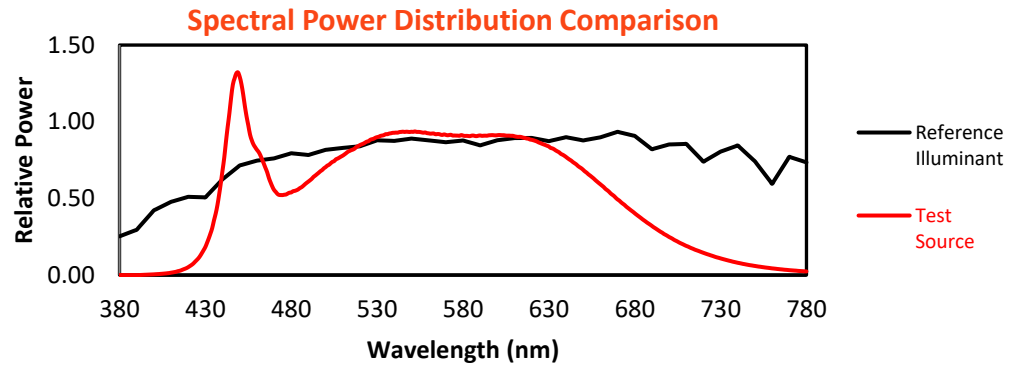
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	462	NR	620	668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

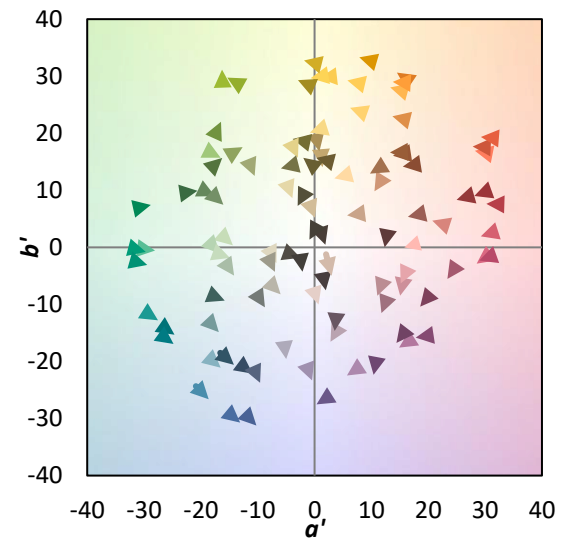
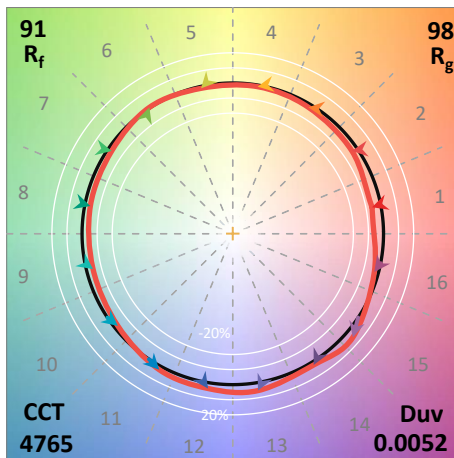
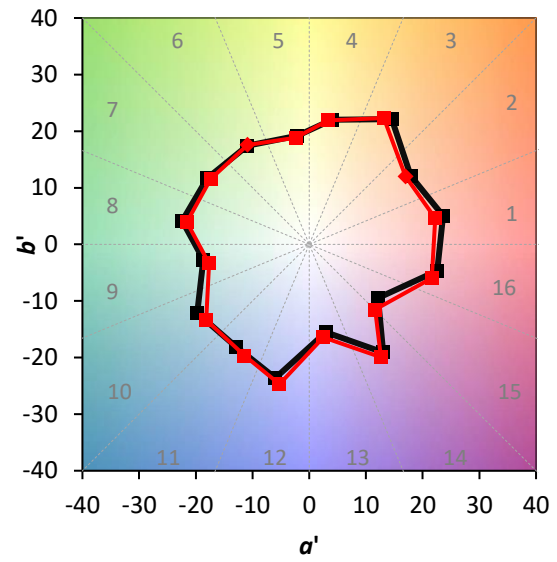
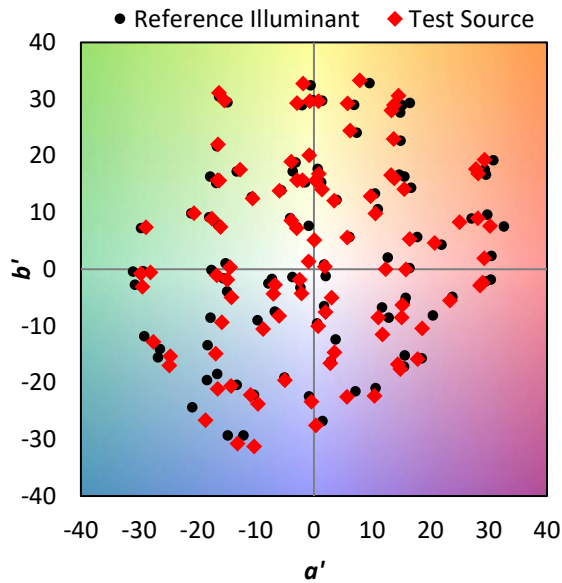
TM-30-18

Summary

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

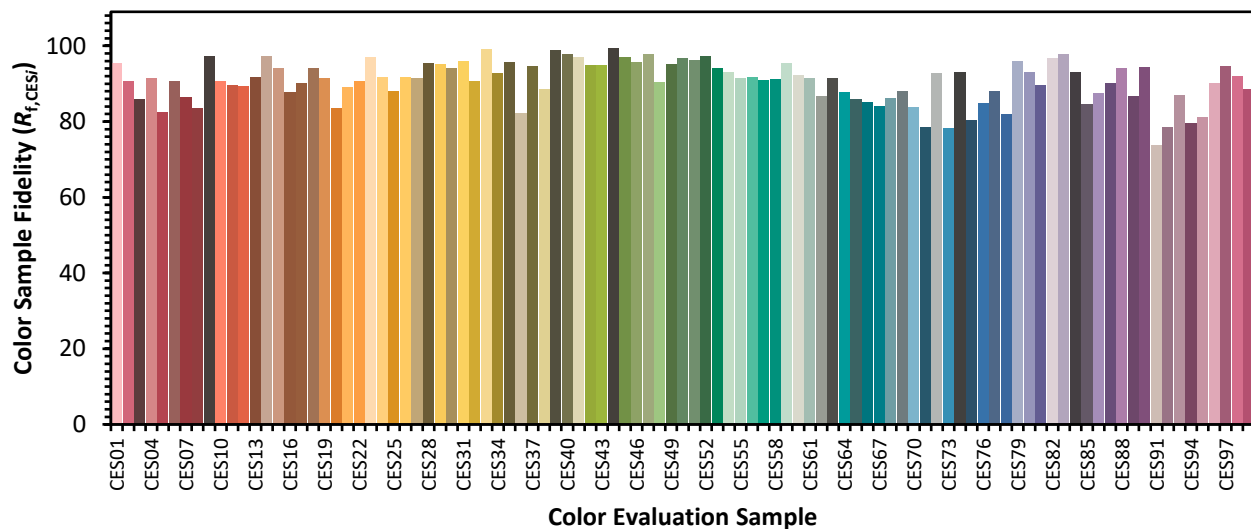


Color Vector Graphics

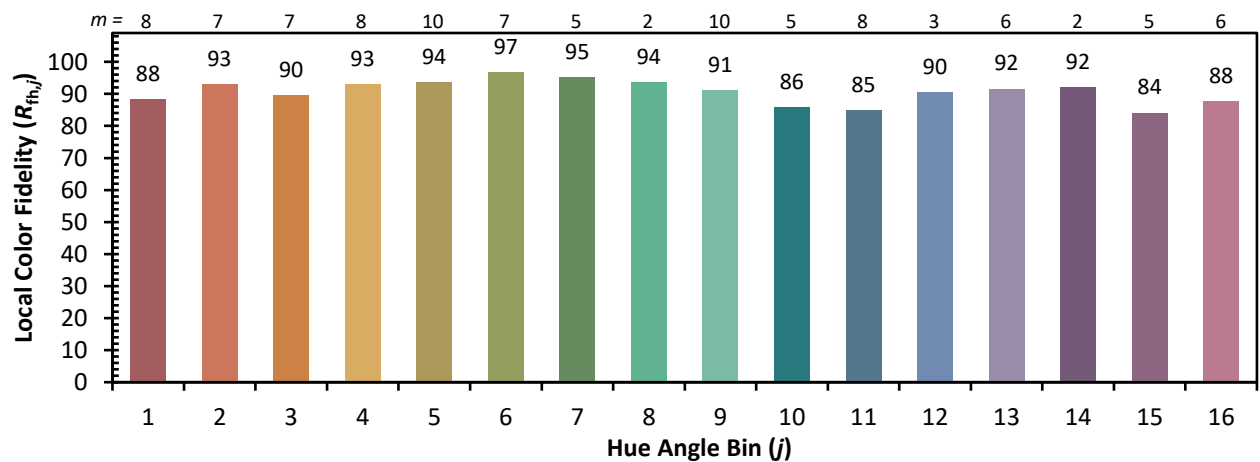
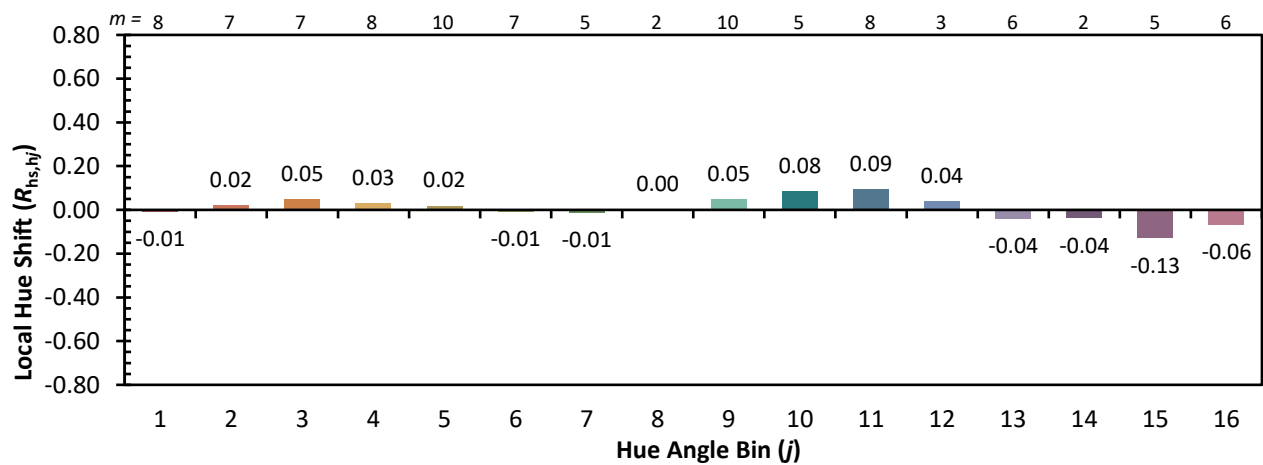
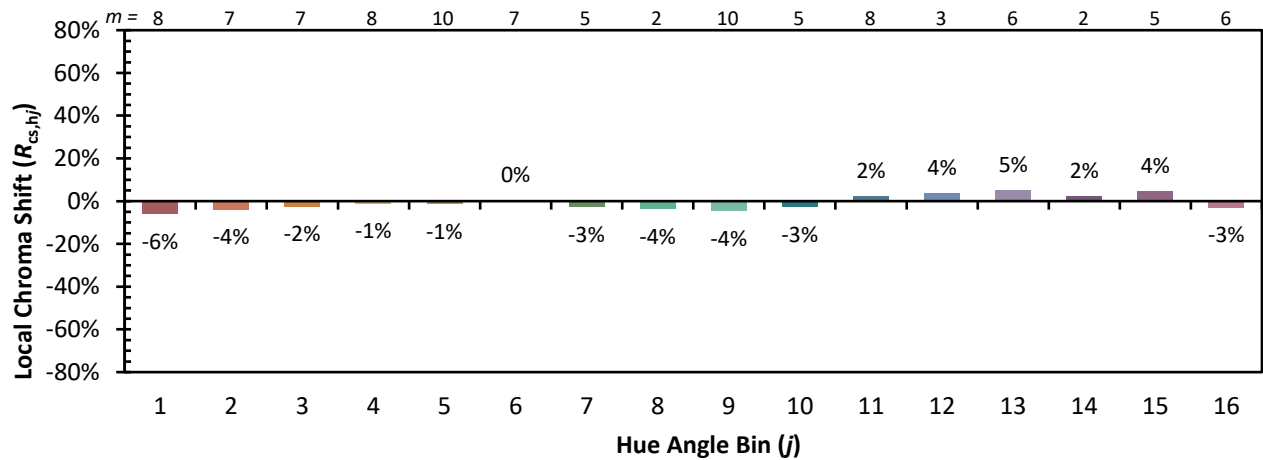


Individual Sample Fidelity Index ($R_{f,i}$)

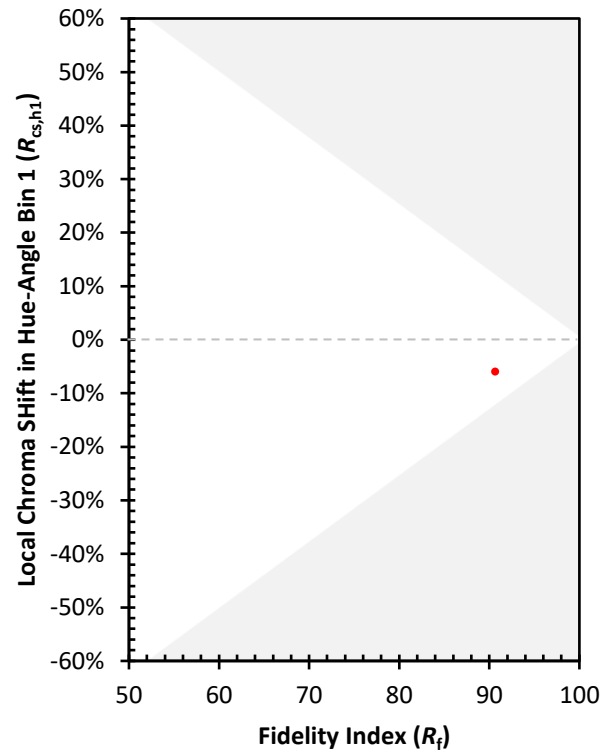
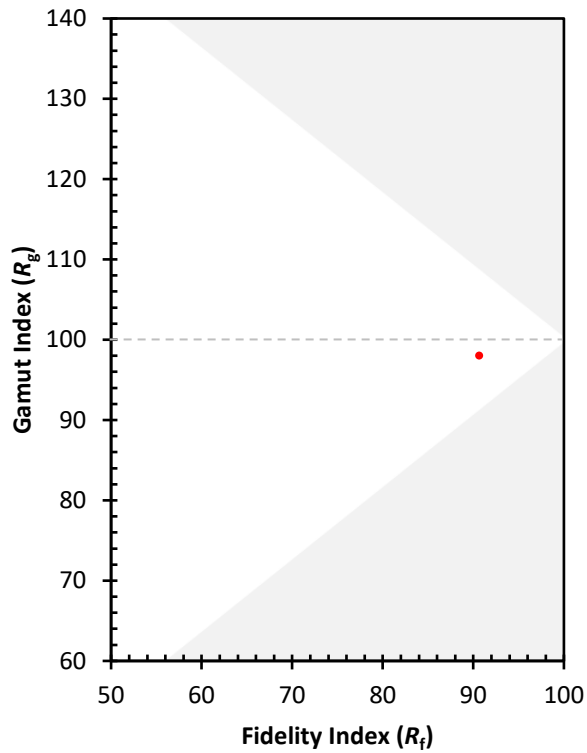
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82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