

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: P1049029

Luminaire Tested: **GALN-SA1A-750-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049029
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1A-750-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
70CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (14) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3342.5 lumens
Efficiency: N/A
Efficacy: 115.3 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

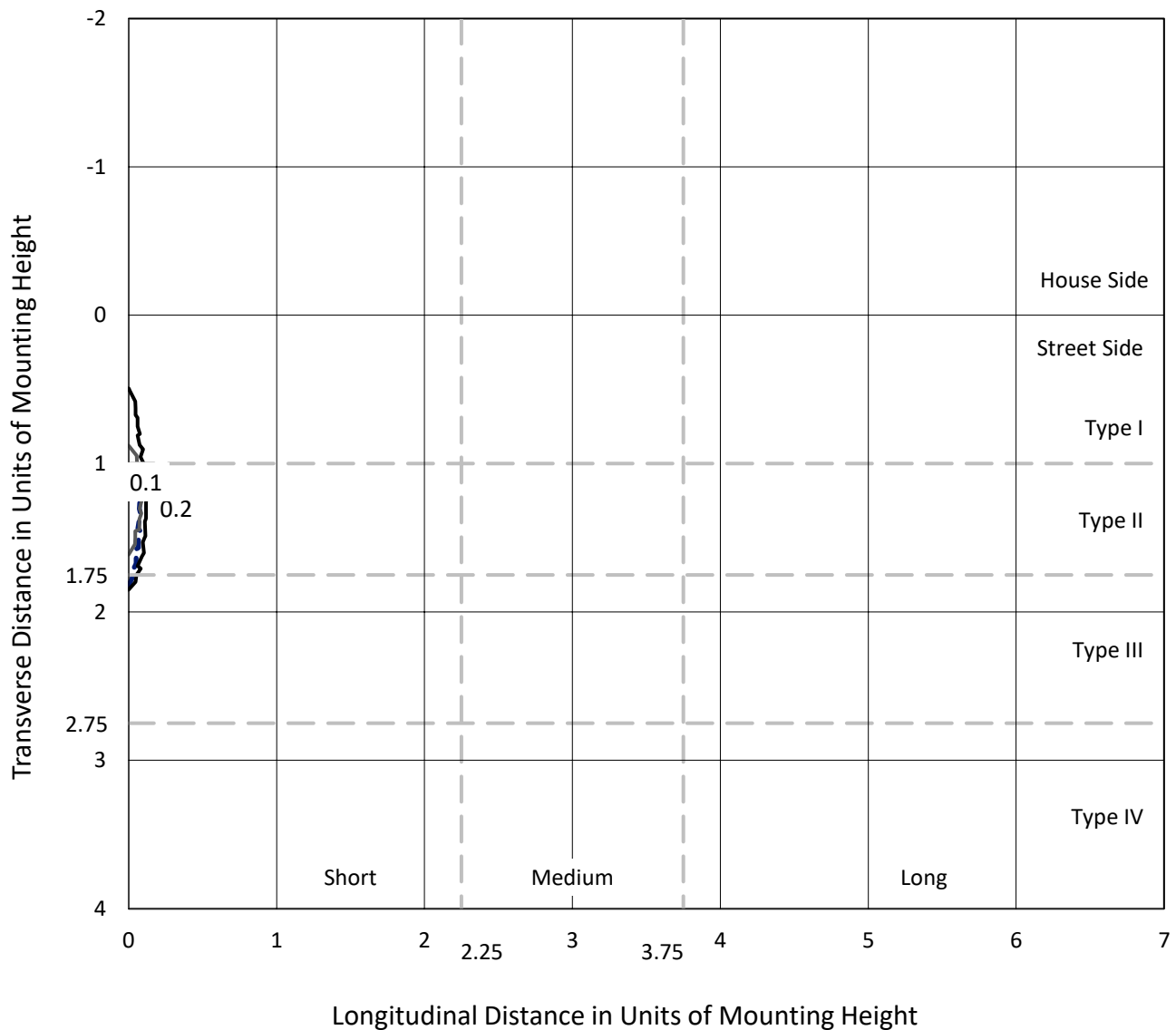
Input Watts (W): 29
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

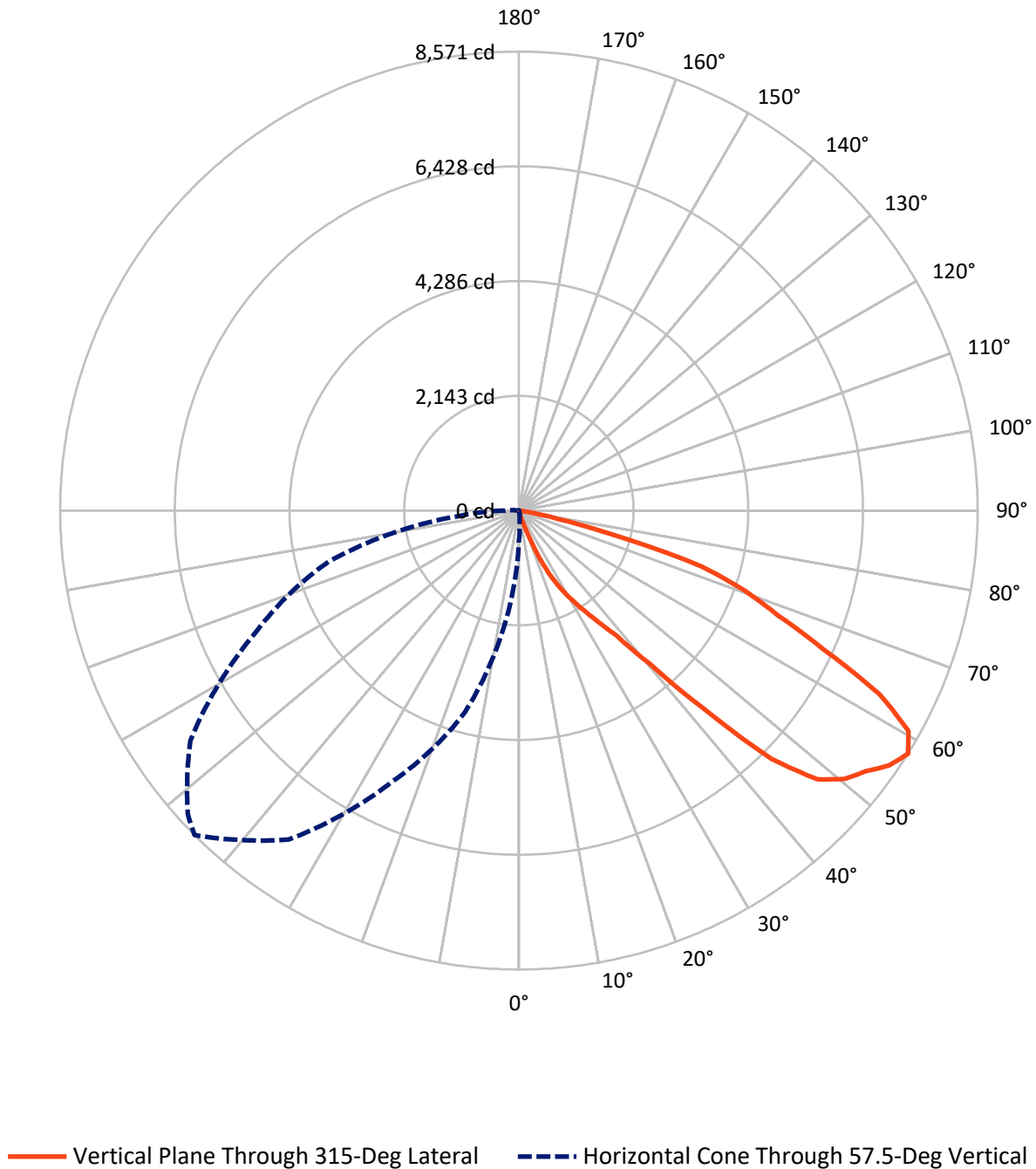
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 0.5 fc
 Type III - Short - N/A

REPORT NUMBER: P1049029
CATALOG NUMBER: GALN-SA1A-750-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	16.7	0.0	16.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	3325.8	0.0	3325.8
	% Fixture	99.5	0.0	99.5
Total	Lumens	3342.5	0.0	3342.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.3	0.0
10°-20°	7.3	0.2
20°-30°	79.2	2.4
30°-40°	234.2	7.0
40°-50°	698.1	20.9
50°-60°	1107.0	33.1
60°-70°	924.0	27.6
70°-80°	284.9	8.5
80°-90°	6.3	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	3342.5	100.0
0°-180°	3342.5	100.0



REPORT NUMBER: P1049029

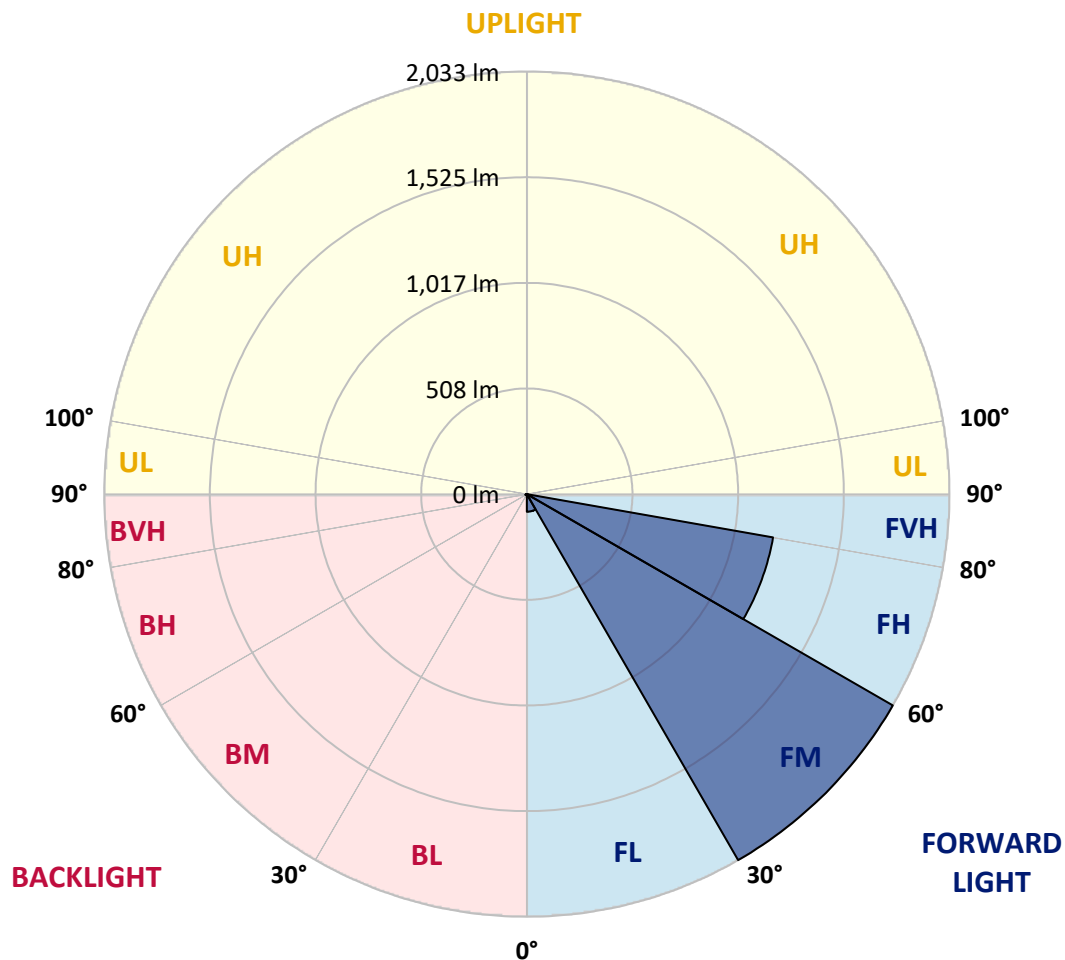
CATALOG NUMBER: GALN-SA1A-750-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	84.8	2.5			
FM	(30°-60°)	2033.3	60.8			
FH	(60°-80°)	1202.7	36.0			G1/1800
FVH	(80°-90°)	4.9	0.1			G0/10
BL	(0°-30°)	3.1	0.1	B0/110		
BM	(30°-60°)	6.0	0.2	B0/220		
BH	(60°-80°)	6.2	0.2	B0/110		G0/110
BVH	(80°-90°)	1.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type III Short



REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
2.5°	13.4	13.4	13.4	13.4	13.1	13.1	12.9	12.9	12.6	12.6
5°	14.1	14.1	13.9	13.6	13.6	13.4	13.1	12.9	12.9	12.6
7.5°	15.4	15.2	14.9	14.7	14.1	13.9	13.4	13.1	12.9	12.4
10°	16.9	16.4	15.9	15.4	14.9	14.4	13.9	13.6	13.1	12.9
12.5°	18.9	18.2	17.2	16.4	15.9	15.2	14.7	14.1	13.4	12.9
15°	20.7	19.7	18.4	17.4	16.7	15.7	14.9	14.1	13.6	12.9
17.5°	23.2	21.5	19.4	18.2	17.2	15.9	14.7	13.9	13.1	12.1
20°	27.5	24.0	20.2	18.7	17.2	15.7	14.1	13.1	12.4	11.4
22.5°	34.4	28.3	22.2	20.0	17.9	15.7	13.6	12.6	11.6	10.6
25°	47.5	36.6	25.8	22.7	19.7	16.7	13.6	12.4	11.4	10.1
27.5°	63.1	47.0	30.6	26.3	22.2	17.9	13.6	12.1	10.9	9.3
30°	79.1	57.6	35.9	30.3	24.8	19.2	13.6	11.9	10.4	8.6
32.5°	94.2	67.4	40.4	33.8	27.3	20.5	13.9	11.9	9.9	7.8
35°	109.6	75.5	41.2	34.4	27.5	20.5	13.6	11.4	9.3	7.1
37.5°	129.3	84.6	39.7	32.8	26.3	19.4	12.9	10.9	8.8	6.6
40°	159.1	99.8	40.4	33.3	26.3	19.2	12.1	10.1	8.3	6.3
42.5°	214.2	129.1	43.7	35.6	27.5	19.2	11.1	9.3	7.8	6.1
45°	370.3	214.4	58.6	46.5	34.4	22.2	10.1	8.6	7.3	5.8
47.5°	612.5	358.9	105.3	81.3	57.6	33.6	9.9	8.6	7.3	5.8
50°	781.8	457.2	132.6	102.0	71.5	40.9	10.4	8.8	7.6	6.1
52.5°	780.5	464.3	147.8	113.4	79.3	45.0	10.9	9.3	8.1	6.6
55°	693.9	422.3	150.5	115.7	81.1	46.2	11.6	10.1	8.6	7.1
57.5°	579.9	358.7	137.4	106.3	75.5	44.5	13.4	11.6	10.1	8.3
60°	458.7	282.9	107.1	84.6	62.4	39.9	17.7	15.4	13.4	11.1
62.5°	316.7	205.1	93.5	75.0	56.8	38.4	20.2	17.9	15.9	13.6
65°	224.0	154.3	84.4	68.7	53.3	37.6	22.0	19.4	17.2	14.7
67.5°	167.5	122.8	77.8	64.4	51.0	37.6	24.2	21.2	18.4	15.4
70°	128.3	100.8	73.0	62.1	51.5	40.7	29.8	25.5	21.5	17.2
72.5°	104.6	86.1	67.4	59.6	51.8	44.0	36.1	30.6	25.0	19.2
75°	86.6	73.8	60.9	54.3	48.0	41.4	34.9	29.8	25.0	20.0
77.5°	57.6	52.5	47.2	43.4	39.7	35.6	31.8	27.5	23.5	19.2
80°	20.2	19.4	18.7	20.2	21.7	23.2	24.8	21.7	18.9	15.9
82.5°	3.0	2.8	2.5	2.8	3.0	3.3	3.5	3.8	4.0	4.3
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



REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
0.0	2.5°	12.4	12.4	12.1	12.1	12.1	11.9	11.9	11.6	11.6	11.6
0.0	5°	12.1	12.1	11.9	11.6	11.4	11.4	11.1	10.9	10.9	10.6
0.0	7.5°	11.9	11.6	11.4	11.1	10.9	10.6	10.4	10.1	10.1	9.9
0.0	10°	12.1	11.6	11.4	10.9	10.6	10.4	9.9	9.6	9.3	9.3
0.0	12.5°	11.6	11.4	10.9	10.4	10.1	9.6	9.3	8.8	8.6	8.6
0.0	15°	11.6	11.1	10.4	9.9	9.3	9.1	8.6	8.1	7.8	7.6
0.0	17.5°	10.9	10.4	9.6	9.1	8.6	8.1	7.6	7.1	6.8	6.6
0.0	20°	9.9	9.3	8.6	7.8	7.3	6.8	6.3	5.8	5.6	5.3
0.0	22.5°	8.8	8.3	7.6	6.8	6.3	5.8	5.1	4.5	4.3	3.8
0.0	25°	8.3	7.6	6.8	6.1	5.3	4.8	4.0	3.3	2.8	2.3
0.0	27.5°	7.1	6.3	5.6	4.8	4.0	3.3	2.5	1.8	1.3	1.0
0.0	30°	6.1	5.3	4.5	3.8	2.8	2.0	1.3	0.3	0.3	0.3
0.0	32.5°	5.1	4.3	3.3	2.5	2.0	1.3	0.8	0.0	0.0	0.0
0.0	35°	4.0	3.3	2.3	1.5	1.3	0.8	0.5	0.0	0.0	0.0
0.0	37.5°	3.5	2.8	1.8	0.8	0.5	0.5	0.3	0.0	0.0	0.0
0.0	40°	3.3	2.3	1.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0
0.0	42.5°	3.3	2.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	3.3	2.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	3.3	2.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	3.5	2.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	4.0	3.0	2.0	1.0	0.8	0.5	0.3	0.0	0.0	0.0
0.0	55°	5.1	4.5	3.8	3.3	2.5	1.8	0.8	0.0	0.0	0.0
0.0	57.5°	6.6	6.6	6.3	6.1	4.5	3.0	1.5	0.0	0.0	0.0
0.0	60°	8.8	8.8	8.8	8.8	6.6	4.5	2.3	0.0	0.0	0.0
0.0	62.5°	10.9	10.4	9.6	9.1	6.8	4.5	2.3	0.0	0.0	0.0
0.0	65°	10.9	9.9	8.6	7.3	5.6	3.8	1.8	0.0	0.0	0.0
0.0	67.5°	10.1	8.1	5.8	3.8	2.8	2.0	1.0	0.0	0.0	0.0
	70°	10.1	7.1	4.0	1.0	0.8	0.5	0.3	0.0	0.0	0.0
	72.5°	10.1	6.8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	11.1	7.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	11.1	7.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	9.9	6.6	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	3.3	2.3	1.0	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-SA1A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-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°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
0.0	2.5°	11.4	11.4	11.4	11.1	11.1	11.1	11.1	10.9	10.9	10.9
0.0	5°	10.4	10.4	10.1	10.1	9.9	9.9	9.6	9.6	9.3	9.3
0.0	7.5°	9.6	9.3	9.3	9.1	8.8	8.8	8.6	8.6	8.3	8.1
0.0	10°	8.8	8.6	8.6	8.3	8.1	7.8	7.8	7.6	7.3	7.1
0.0	12.5°	8.1	7.8	7.6	7.3	7.1	6.8	6.8	6.6	6.3	6.1
0.0	15°	7.1	6.8	6.6	6.3	6.1	5.8	5.8	5.6	5.3	5.1
0.0	17.5°	6.1	5.8	5.8	5.6	5.3	5.1	4.8	4.3	4.0	3.8
0.0	20°	4.5	4.3	4.0	3.8	3.5	3.0	2.8	2.3	1.8	1.5
0.0	22.5°	3.0	2.5	2.3	1.8	1.3	1.0	0.8	0.3	0.0	0.0
0.0	25°	1.0	0.8	0.5	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



REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
0.0	2.5°	10.6	10.6	10.6	10.4	10.4	10.4	10.4	10.4	10.4	10.4
0.0	5°	9.1	9.1	9.1	8.8	8.8	8.6	8.6	8.6	8.3	8.3
0.0	7.5°	7.8	7.6	7.6	7.3	7.3	7.1	7.1	7.1	6.8	6.8
0.0	10°	6.6	6.3	6.3	6.1	6.1	5.8	5.8	5.6	5.6	5.3
0.0	12.5°	5.8	5.6	5.3	5.1	5.1	4.8	4.5	4.5	4.3	4.0
0.0	15°	4.5	4.3	4.0	3.8	3.5	3.3	3.0	3.0	2.8	2.5
0.0	17.5°	3.0	2.5	2.3	2.0	2.0	1.8	1.5	1.3	1.0	0.8
0.0	20°	0.8	0.5	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: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-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°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
0.0	2.5°	10.4	10.1	10.1	10.1	10.4	10.4	10.4	10.4	10.4	10.4
0.0	5°	8.3	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
0.0	7.5°	6.8	6.6	6.6	6.6	6.6	6.3	6.3	6.3	6.3	6.3
0.0	10°	5.3	5.1	5.1	5.1	5.1	4.8	4.8	4.8	4.8	4.8
0.0	12.5°	3.8	3.8	3.5	3.5	3.5	3.3	3.3	3.3	3.3	3.0
0.0	15°	2.3	2.0	1.8	1.8	1.8	1.5	1.5	1.5	1.5	1.3
0.0	17.5°	0.5	0.5	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



REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
0.0	2.5°	10.6	10.6	10.9	10.9	11.1	11.6	11.9	12.1	12.6	13.1
0.0	5°	8.3	8.6	8.6	8.8	9.1	9.3	9.6	9.9	10.4	10.9
0.0	7.5°	6.6	6.6	6.8	6.8	7.1	7.6	7.8	8.1	8.6	9.3
0.0	10°	5.1	5.1	5.3	5.3	5.6	6.1	6.3	6.6	7.1	7.8
0.0	12.5°	3.3	3.5	3.5	3.8	4.0	4.5	4.8	5.1	5.6	6.1
0.0	15°	1.5	1.8	1.8	2.0	2.3	2.8	3.0	3.3	3.8	4.5
0.0	17.5°	0.3	0.3	0.5	0.5	0.8	1.0	1.3	1.5	2.3	2.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0
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
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: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-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°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
0.0	2.5°	13.9	14.4	14.9	15.4	15.9	16.4	16.7	17.2	17.4	17.7
0.0	5°	11.9	12.4	13.1	13.6	14.1	14.7	15.2	15.4	15.7	15.9
0.0	7.5°	10.4	10.9	11.6	12.1	12.6	13.1	13.6	14.1	14.4	14.7
0.0	10°	8.8	9.6	10.1	10.9	11.4	11.9	12.4	12.9	13.4	13.6
0.0	12.5°	7.1	7.8	8.6	9.1	9.9	10.6	11.1	11.6	12.1	12.6
0.0	15°	5.6	6.3	7.1	7.6	8.3	9.1	9.9	10.4	10.9	11.4
0.0	17.5°	4.0	4.8	5.6	6.1	6.8	7.6	8.1	8.8	9.3	9.9
0.0	20°	2.0	2.8	3.5	4.3	5.1	5.8	6.3	7.1	7.6	8.1
0.0	22.5°	0.3	1.0	1.8	2.3	3.0	3.8	4.3	5.1	5.6	6.1
0.0	25°	0.0	0.3	0.8	1.0	1.3	1.8	2.3	2.8	3.3	3.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.5	1.0	1.5	2.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.5
	85°	0.0	0.0	0.0	0.0	0.0	0.5	0.8	1.3	1.5	1.8
	87.5°	0.0	0.3	0.5	0.8	1.0	1.5	2.0	2.5	2.8	3.0
	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: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
14.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	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											
0.3											
1.0											
2.3											
3.3											
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: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
0.0	2.5°	17.9	17.9	17.9	17.9	17.7	17.7	17.7	17.4	17.4	17.2
0.0	5°	16.4	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.4	16.4
0.0	7.5°	15.2	15.4	15.7	15.7	15.9	15.9	15.9	15.7	15.7	15.4
0.0	10°	14.4	14.7	14.7	14.9	14.9	14.9	14.9	14.9	14.9	14.9
0.0	12.5°	13.4	13.6	13.9	13.9	14.1	14.1	14.1	14.1	13.9	13.9
0.0	15°	12.1	12.6	12.9	13.1	13.1	13.4	13.4	13.4	13.4	13.4
0.0	17.5°	11.1	11.6	11.9	12.1	12.1	12.4	12.4	12.6	12.6	12.6
0.0	20°	9.1	9.6	9.9	10.4	10.6	10.9	11.1	11.4	11.4	11.6
0.0	22.5°	7.1	7.6	7.8	8.3	8.6	8.8	9.1	9.3	9.6	9.9
0.0	25°	5.1	5.6	5.8	6.3	6.6	6.8	7.1	7.3	7.3	7.6
0.0	27.5°	2.8	3.3	3.8	4.0	4.5	4.8	5.1	5.3	5.6	5.8
0.0	30°	1.3	1.5	1.8	2.3	2.5	2.8	3.0	3.5	3.8	4.0
0.0	32.5°	0.0	0.0	0.3	0.8	1.0	1.3	1.5	1.8	1.8	2.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.8	1.0
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°	0.5	0.5	0.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8
	82.5°	1.3	1.5	1.8	1.8	2.0	2.0	2.0	2.0	1.8	1.8
	85°	2.5	2.8	3.0	3.0	3.3	3.3	3.3	3.3	3.3	3.3
	87.5°	3.5	3.8	4.0	4.0	4.3	4.3	4.3	4.3	4.3	4.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
14.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	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											
0.8											
1.8											
3.3											
4.3											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-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°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
0.0	2.5°	16.9	16.9	16.7	16.7	16.7	16.7	16.7	16.9	17.2	17.2
0.0	5°	16.2	16.2	15.9	15.9	15.9	16.2	16.2	16.4	16.7	16.9
0.0	7.5°	15.4	15.2	15.2	15.4	15.4	15.7	15.7	15.9	16.2	16.4
0.0	10°	14.9	14.7	14.7	14.7	14.9	14.9	15.2	15.4	15.7	15.9
0.0	12.5°	13.9	13.9	13.9	13.9	14.1	14.1	14.4	14.7	15.2	15.4
0.0	15°	13.4	13.1	13.1	13.1	13.1	13.4	13.4	13.9	14.4	14.7
0.0	17.5°	12.4	12.4	12.1	12.1	12.4	12.4	12.6	13.1	13.6	13.9
0.0	20°	11.4	11.1	10.9	10.9	11.1	11.1	11.4	11.9	12.4	12.6
0.0	22.5°	9.9	9.6	9.6	9.6	9.6	9.9	9.9	10.4	11.1	11.6
0.0	25°	7.8	8.1	8.1	8.3	8.3	8.6	8.8	9.3	10.1	10.6
0.0	27.5°	6.1	6.3	6.3	6.8	7.1	7.3	7.6	8.3	9.1	9.6
0.0	30°	4.5	4.8	5.1	5.3	5.8	6.3	6.8	7.6	8.3	8.8
0.0	32.5°	2.8	3.3	3.5	4.0	4.5	5.1	5.6	6.3	7.3	8.1
0.0	35°	2.0	2.3	2.8	3.0	3.5	4.0	4.5	5.6	6.3	7.3
0.0	37.5°	1.0	1.5	2.0	2.5	3.0	3.5	4.0	5.1	6.1	6.8
0.0	40°	0.8	1.3	1.5	2.0	2.8	3.3	3.8	4.8	5.8	6.8
0.0	42.5°	0.5	0.8	1.0	1.8	2.3	3.0	3.8	4.8	5.8	6.8
0.0	45°	0.5	0.5	0.8	1.5	2.3	3.3	4.0	5.1	5.8	6.8
0.0	47.5°	0.5	0.8	1.0	2.0	2.5	3.3	4.0	4.8	5.8	6.6
0.0	50°	0.8	1.0	1.3	2.3	2.8	3.5	4.0	5.1	5.8	6.8
0.0	52.5°	0.5	0.8	1.0	2.0	2.8	3.8	4.5	5.6	6.6	7.3
0.0	55°	0.3	0.3	0.3	1.5	3.0	4.3	5.8	6.6	7.6	8.3
0.0	57.5°	0.0	0.0	0.0	1.0	3.0	4.8	6.6	7.6	8.6	9.3
0.0	60°	0.0	0.0	0.0	1.0	3.0	4.8	6.6	7.8	9.1	10.4
0.0	62.5°	0.0	0.0	0.0	1.0	2.5	4.0	5.6	7.6	9.9	11.9
0.0	65°	0.0	0.0	0.0	0.8	2.0	3.3	4.5	7.6	10.6	13.4
0.0	67.5°	0.0	0.0	0.0	0.8	2.0	3.0	4.3	7.6	10.6	13.9
	70°	0.0	0.0	0.0	0.8	2.0	3.3	4.5	7.6	10.6	13.6
	72.5°	0.0	0.0	0.0	0.8	2.3	3.5	5.1	7.6	10.1	12.6
	75°	0.0	0.0	0.0	1.0	2.3	3.8	5.3	7.6	9.9	11.9
	77.5°	0.0	0.0	0.0	0.8	2.3	3.5	5.1	7.3	9.6	11.6
	80°	0.8	0.5	0.5	1.3	2.3	3.3	4.3	6.6	9.1	11.4
	82.5°	1.5	1.5	1.3	1.8	2.3	3.0	3.8	5.8	8.1	10.1
	85°	3.0	3.0	2.8	3.0	3.0	3.3	3.5	4.5	5.6	6.6
	87.5°	4.0	4.0	3.8	3.8	3.8	3.5	3.5	3.5	3.5	3.3
	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: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
14.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.1	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
11.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.7											
15.2											
14.1											
13.9											
13.6											
12.1											
7.6											
3.3											
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: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
0.0	2.5°	17.7	17.9	17.9	18.2	18.4	18.7	18.7	18.9	18.9	18.9
0.0	5°	17.4	17.9	18.2	18.4	18.7	18.9	19.2	19.4	19.7	19.7
0.0	7.5°	17.2	17.4	17.9	18.2	18.7	18.9	19.4	19.7	20.0	20.2
0.0	10°	16.7	17.2	17.7	18.2	18.7	19.2	19.7	20.2	20.7	21.0
0.0	12.5°	16.2	16.9	17.4	17.9	18.7	19.4	20.0	20.7	21.2	21.7
0.0	15°	15.9	16.4	17.2	17.7	18.7	19.7	20.5	21.5	22.5	23.2
0.0	17.5°	15.2	16.2	16.9	17.7	18.7	20.0	21.0	22.0	23.5	25.0
0.0	20°	14.1	14.9	15.9	16.7	18.2	19.4	21.0	22.2	24.5	26.8
0.0	22.5°	13.1	14.1	14.9	15.9	17.7	19.2	21.0	22.5	26.3	29.8
0.0	25°	12.1	13.4	14.4	15.4	17.4	19.4	21.5	23.5	29.8	36.1
0.0	27.5°	11.6	12.6	13.9	14.9	17.4	20.2	22.7	25.3	35.4	45.2
0.0	30°	10.9	12.1	13.1	14.4	17.7	21.0	24.2	27.5	42.9	58.3
0.0	32.5°	10.1	11.4	12.6	13.9	18.2	22.5	26.5	30.8	51.0	71.0
0.0	35°	9.3	10.9	12.1	13.4	18.9	24.8	30.3	35.9	58.3	80.6
0.0	37.5°	9.1	10.6	11.9	13.1	19.2	25.0	31.1	36.9	59.1	81.3
0.0	40°	9.3	10.6	12.1	13.4	18.4	23.5	28.3	33.3	56.6	79.6
0.0	42.5°	9.3	10.9	12.4	13.9	17.9	22.0	26.0	30.1	55.8	81.6
0.0	45°	9.1	10.6	12.1	13.6	17.4	21.0	24.8	28.3	60.4	92.2
0.0	47.5°	8.8	10.4	11.9	13.4	17.2	21.0	24.8	28.5	78.1	127.3
0.0	50°	8.8	10.4	11.6	12.9	17.4	22.2	26.8	31.3	113.7	195.8
0.0	52.5°	9.3	10.6	11.6	12.6	17.9	23.5	28.8	34.1	144.5	254.6
0.0	55°	10.1	10.9	11.9	12.6	19.2	25.5	32.1	38.4	153.8	269.3
0.0	57.5°	11.1	11.9	12.6	13.4	21.5	29.6	37.4	45.5	154.6	263.5
0.0	60°	12.4	13.4	14.1	14.9	23.5	32.3	40.9	49.5	139.9	230.1
0.0	62.5°	15.2	16.4	17.4	18.7	27.0	35.1	43.4	51.5	116.2	180.9
0.0	65°	17.4	18.4	19.4	20.5	28.5	36.9	45.0	53.0	98.5	144.0
0.0	67.5°	17.9	18.9	19.7	20.7	29.0	37.4	45.5	53.8	84.4	114.7
	70°	18.2	19.4	21.0	22.2	30.8	39.4	47.7	56.3	74.8	93.2
	72.5°	17.4	20.0	22.2	24.5	32.6	40.4	48.5	56.3	69.5	82.6
	75°	17.4	21.0	24.2	27.5	33.6	39.4	45.5	51.3	61.4	71.5
	77.5°	18.4	23.0	27.5	32.1	35.6	38.9	42.4	45.7	52.3	58.9
	80°	18.4	23.2	27.8	32.6	34.1	35.9	37.4	38.9	39.7	40.4
	82.5°	15.9	19.7	23.5	27.3	25.5	23.7	22.0	20.2	18.9	17.4
	85°	8.1	8.8	9.3	9.9	9.1	8.3	7.6	6.8	6.3	5.6
	87.5°	3.3	3.3	3.0	3.0	3.0	3.0	2.8	2.8	2.8	2.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
14.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.7	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
21.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
194.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
245.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
373.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
572.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
720.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
737.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
665.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
568.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
444.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
335.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
248.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.5											
130.6											
95.0											
71.5											
40.2											
18.2											
5.3											
2.5											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-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°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
0.0	2.5°	18.9	18.7	18.7	18.4	18.2	17.9	17.7	17.4	17.2	16.9
0.0	5°	19.7	19.7	19.7	19.4	19.4	19.2	19.2	18.9	18.7	18.4
0.0	7.5°	20.5	20.7	20.7	21.0	21.0	21.0	21.0	20.7	20.7	20.7
0.0	10°	21.7	22.0	22.2	22.5	22.7	23.0	23.0	23.2	23.2	23.2
0.0	12.5°	23.2	24.0	24.5	25.3	25.8	26.5	27.0	27.8	28.3	28.8
0.0	15°	25.5	26.8	28.3	29.6	30.8	32.6	34.6	36.4	38.1	40.9
0.0	17.5°	28.8	32.8	36.9	40.7	44.7	53.5	62.4	71.0	79.8	92.7
0.0	20°	35.1	47.2	59.1	71.2	83.1	114.2	145.0	176.1	206.9	240.0
0.0	22.5°	49.3	79.1	108.9	138.7	168.5	233.4	298.1	363.0	427.6	503.7
0.0	25°	71.5	126.3	181.1	235.7	290.5	392.0	493.8	595.4	696.9	795.7
0.0	27.5°	104.1	187.9	271.8	355.4	439.3	576.9	714.8	852.5	990.2	1101.8
0.0	30°	144.2	257.9	371.6	485.2	598.9	755.5	912.1	1068.5	1225.1	1347.1
0.0	32.5°	182.1	321.3	460.5	599.4	738.6	916.9	1095.5	1273.8	1452.1	1585.5
0.0	35°	206.9	375.1	543.6	711.8	880.0	1073.0	1266.0	1458.7	1651.7	1804.0
0.0	37.5°	231.6	425.9	619.9	814.1	1008.1	1220.0	1431.9	1643.9	1855.8	2044.0
0.0	40°	259.4	487.2	714.8	942.7	1170.2	1421.3	1672.1	1923.2	2174.0	2439.5
0.0	42.5°	307.7	589.0	870.7	1152.1	1433.4	1765.6	2097.8	2429.7	2761.8	3140.7
0.0	45°	398.3	794.9	1191.7	1588.3	1984.8	2424.9	2865.1	3305.1	3745.1	4249.3
0.0	47.5°	620.4	1166.0	1711.3	2256.9	2802.2	3277.3	3752.2	4227.3	4702.2	5204.4
0.0	50°	949.2	1584.2	2219.3	2854.0	3489.0	3918.9	4348.6	4778.5	5208.1	5685.8
0.0	52.5°	1187.2	1848.7	2510.5	3172.0	3833.6	4221.5	4609.8	4997.7	5385.7	5832.0
0.0	55°	1205.1	1862.8	2520.8	3178.6	3836.3	4226.1	4615.8	5005.6	5395.3	5868.4
0.0	57.5°	1066.9	1719.4	2371.6	3024.0	3676.2	4120.0	4563.5	5007.3	5450.9	5962.4
0.0	60°	907.6	1560.2	2212.7	2865.4	3517.8	4029.1	4540.5	5051.8	5563.0	6042.2
0.0	62.5°	708.0	1379.4	2051.0	2722.4	3393.8	3912.9	4431.9	4950.8	5469.8	5829.3
0.0	65°	527.7	1179.6	1831.5	2483.2	3135.1	3550.9	3966.7	4382.2	4797.9	5020.5
0.0	67.5°	381.4	943.7	1505.7	2067.9	2630.0	2927.5	3225.1	3522.4	3819.9	3990.2
	70°	257.9	647.4	1036.6	1426.1	1815.4	2059.9	2304.6	2549.1	2793.6	3023.5
	72.5°	178.6	397.3	616.3	835.1	1053.8	1299.8	1545.6	1791.6	2037.4	2280.6
	75°	118.5	218.0	317.8	417.3	516.8	698.9	881.3	1063.4	1245.5	1390.5
	77.5°	84.1	113.9	144.0	173.8	203.6	237.7	272.0	306.1	340.2	392.0
	80°	39.9	43.7	47.5	51.0	54.8	67.2	79.6	91.9	104.3	117.5
	82.5°	18.9	20.5	22.0	23.2	24.8	26.0	27.3	28.5	29.8	28.5
	85°	5.1	5.1	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.1
	87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	2.0	1.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
14.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.2	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
23.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
273.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
579.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
894.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1213.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1469.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1719.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1956.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2232.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2705.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3519.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4753.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5706.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6163.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6278.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6341.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6473.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6521.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6188.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5243.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4160.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3253.1											
2523.9											
1535.5											
443.8											
130.6											
27.0											
4.8											
1.8											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
0.0	2.5°	16.4	16.2	15.9	15.7	15.4	14.9	14.9	14.7	14.7
0.0	5°	17.9	17.7	17.4	17.2	17.2	16.9	16.7	16.7	16.4
0.0	7.5°	20.5	20.2	20.0	19.7	19.7	19.4	19.4	19.2	19.2
0.0	10°	23.5	23.5	23.5	23.5	23.5	23.2	23.2	23.2	23.0
0.0	12.5°	29.6	29.8	30.3	30.8	31.6	31.6	31.6	31.3	31.3
0.0	15°	46.7	49.5	51.5	53.5	55.3	59.4	58.9	58.1	57.6
0.0	17.5°	118.2	130.8	137.7	144.2	151.0	169.7	166.7	163.7	160.9
0.0	20°	306.4	339.5	361.5	383.4	405.7	440.8	432.2	423.6	415.0
0.0	22.5°	655.5	731.5	764.6	797.7	830.5	872.9	845.4	817.9	790.6
0.0	25°	992.9	1091.7	1147.5	1203.3	1258.9	1283.2	1247.3	1211.2	1175.3
0.0	27.5°	1325.1	1436.7	1486.0	1535.0	1584.2	1635.0	1590.6	1545.8	1501.4
0.0	30°	1591.3	1713.3	1766.6	1819.7	1873.0	1908.3	1862.3	1816.1	1770.1
0.0	32.5°	1852.5	1985.9	2044.2	2102.6	2160.7	2211.4	2154.8	2098.0	2041.4
0.0	35°	2108.4	2260.7	2341.0	2421.3	2501.6	2548.9	2481.7	2414.3	2347.1
0.0	37.5°	2420.6	2608.7	2698.7	2788.6	2878.5	2964.6	2890.6	2816.4	2742.4
0.0	40°	2970.5	3235.9	3373.8	3512.0	3649.9	3761.1	3667.6	3574.1	3480.7
0.0	42.5°	3898.5	4277.3	4475.6	4673.7	4871.9	5045.5	4947.2	4849.0	4750.7
0.0	45°	5257.6	5761.8	6003.5	6245.0	6486.7	6613.5	6472.1	6330.4	6188.9
0.0	47.5°	6208.4	6710.5	6925.8	7141.0	7356.2	7500.9	7327.9	7154.8	6982.1
0.0	50°	6640.8	7118.5	7334.4	7550.2	7766.1	7881.0	7681.2	7481.2	7281.4
0.0	52.5°	6724.4	7170.8	7428.4	7686.3	7943.9	8097.5	7861.6	7625.4	7389.5
0.0	55°	6814.9	7288.0	7586.8	7885.8	8184.7	8397.3	8130.6	7863.6	7596.9
0.0	57.5°	6985.1	7496.6	7794.7	8092.5	8390.5	8571.1	8303.6	8035.9	7768.4
0.0	60°	7000.3	7479.2	7735.3	7991.7	8247.8	8361.5	8105.6	7849.5	7593.6
0.0	62.5°	6548.4	6907.8	7085.6	7263.5	7441.3	7564.8	7297.8	7030.6	6763.6
0.0	65°	5465.8	5688.3	5830.0	5971.7	6113.4	6260.7	6016.2	5771.7	5527.2
0.0	67.5°	4330.9	4501.1	4687.8	4874.5	5061.1	5218.5	5022.7	4826.7	4631.0
	70°	3483.0	3712.6	3922.5	4132.4	4342.3	4471.1	4274.6	4077.8	3881.3
	72.5°	2767.1	3010.4	3185.7	3360.7	3536.0	3567.6	3423.1	3278.6	3134.4
	75°	1680.2	1825.2	1828.7	1832.0	1835.6	1865.6	1745.9	1626.2	1506.7
	77.5°	495.6	547.4	590.0	632.5	675.2	726.7	682.7	638.5	594.6
	80°	143.5	156.6	167.7	178.6	189.7	183.1	172.8	162.4	152.1
	82.5°	25.8	24.2	24.0	23.7	23.7	22.5	20.5	18.4	16.4
	85°	4.5	4.3	4.0	3.8	3.5	3.3	2.8	2.5	2.0
	87.5°	1.5	1.3	1.0	0.8	0.8	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: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-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°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
0.0	0.0	2.5°	14.4	14.1	14.1	14.1	14.1	13.9	13.9	13.9	13.9
0.0	0.0	5°	15.9	15.9	15.7	15.7	15.4	15.4	15.2	15.2	14.9
0.0	0.0	7.5°	18.7	18.4	18.2	17.9	17.7	17.2	16.9	16.7	16.7
0.0	0.0	10°	22.5	22.0	21.7	21.2	21.0	20.5	20.0	19.4	18.9
0.0	0.0	12.5°	29.6	28.5	27.8	26.8	25.8	25.0	24.0	23.2	22.2
0.0	0.0	15°	51.3	48.7	46.0	42.7	39.2	35.9	32.3	30.3	28.0
0.0	0.0	17.5°	131.1	118.0	104.6	93.7	82.8	72.2	61.4	53.5	45.7
0.0	0.0	20°	333.7	297.3	260.9	225.1	188.9	153.1	116.9	98.8	80.6
0.0	0.0	22.5°	627.9	560.5	492.8	427.4	361.7	296.3	230.9	189.7	148.8
0.0	0.0	25°	969.2	884.3	799.4	691.8	584.0	476.4	368.8	301.8	234.9
0.0	0.0	27.5°	1261.2	1163.4	1065.7	934.8	804.0	673.2	542.3	442.5	343.0
0.0	0.0	30°	1514.0	1408.9	1303.9	1151.6	999.2	846.9	694.6	569.8	445.1
0.0	0.0	32.5°	1733.3	1607.5	1481.7	1324.6	1167.5	1010.4	853.2	700.2	547.1
0.0	0.0	35°	1986.1	1839.4	1692.3	1518.1	1343.5	1169.2	994.9	822.2	649.2
0.0	0.0	37.5°	2307.4	2127.3	1947.0	1752.7	1558.5	1364.5	1170.2	972.7	775.2
0.0	0.0	40°	2922.5	2690.1	2457.7	2210.9	1963.9	1717.1	1470.3	1227.8	985.4
0.0	0.0	42.5°	4024.5	3710.5	3396.6	3068.2	2739.6	2411.2	2082.6	1740.6	1398.3
0.0	0.0	45°	5268.3	4878.8	4489.0	4120.5	3751.7	3383.2	3014.7	2545.3	2076.0
0.0	0.0	47.5°	5967.7	5547.1	5126.6	4777.7	4428.9	4080.1	3731.3	3225.3	2719.4
0.0	0.0	50°	6225.1	5796.9	5368.8	5047.7	4726.5	4405.4	4084.1	3577.4	3070.5
0.0	0.0	52.5°	6279.9	5843.2	5406.4	5083.4	4760.3	4437.5	4114.4	3611.0	3107.6
0.0	0.0	55°	6392.5	5924.0	5455.2	5086.9	4718.6	4350.3	3982.1	3470.6	2959.1
0.0	0.0	57.5°	6539.8	6059.4	5578.9	5159.4	4739.8	4320.5	3901.0	3341.8	2782.5
0.0	0.0	60°	6501.1	6083.1	5664.8	5215.5	4765.9	4316.5	3866.9	3251.8	2636.5
0.0	0.0	62.5°	5830.3	5497.4	5164.2	4794.7	4424.9	4055.3	3685.8	3052.5	2419.3
0.0	0.0	65°	4796.4	4553.4	4310.4	4013.1	3715.6	3418.3	3121.0	2553.2	1985.6
0.0	0.0	67.5°	3887.4	3613.5	3339.5	3102.6	2865.4	2628.4	2391.3	1944.4	1497.6
		70°	3088.4	2790.6	2492.6	2261.2	2029.6	1798.2	1566.8	1269.8	973.0
		72.5°	2452.6	2184.1	1915.6	1668.9	1421.8	1175.0	928.0	752.5	576.9
		75°	1172.3	1064.9	957.6	828.5	699.4	570.3	441.3	364.7	288.5
		77.5°	434.5	376.6	318.5	266.0	213.4	161.2	108.6	99.5	90.4
		80°	112.4	98.0	83.4	73.0	62.4	52.0	41.7	37.6	33.8
		82.5°	12.9	11.9	11.1	10.6	9.9	9.3	8.6	7.8	7.1
		85°	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049029

CATALOG NUMBER: GALN-SA1A-750-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	14.7	14.7
0.0	0.0	2.5°	13.6	13.4
0.0	0.0	5°	14.4	14.1
0.0	0.0	7.5°	15.9	15.4
0.0	0.0	10°	17.4	16.9
0.0	0.0	12.5°	19.7	18.9
0.0	0.0	15°	22.2	20.7
0.0	0.0	17.5°	26.5	23.2
0.0	0.0	20°	35.9	27.5
0.0	0.0	22.5°	50.5	34.4
0.0	0.0	25°	74.3	47.5
0.0	0.0	27.5°	103.3	63.1
0.0	0.0	30°	137.4	79.1
0.0	0.0	32.5°	167.5	94.2
0.0	0.0	35°	206.6	109.6
0.0	0.0	37.5°	254.9	129.3
0.0	0.0	40°	329.6	159.1
0.0	0.0	42.5°	464.3	214.2
0.0	0.0	45°	754.0	370.3
0.0	0.0	47.5°	1160.1	612.5
0.0	0.0	50°	1419.3	781.8
0.0	0.0	52.5°	1440.5	780.5
0.0	0.0	55°	1315.0	693.9
0.0	0.0	57.5°	1122.0	579.9
0.0	0.0	60°	932.6	458.7
0.0	0.0	62.5°	734.8	316.7
0.0	0.0	65°	537.0	224.0
0.0	0.0	67.5°	385.7	167.5
		70°	253.6	128.3
		72.5°	165.2	104.6
		75°	111.1	86.6
		77.5°	64.9	57.6
		80°	23.0	20.2
		82.5°	4.3	3.0
		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: P1049029

CATALOG NUMBER: GALN-SA1A-750-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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

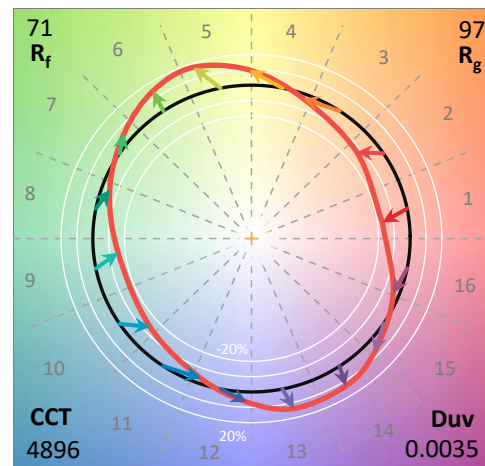
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-6
 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-750-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896	CRI (Ra):	70.2		
CIE u':	0.2101	R1:	68.1	R9:	-35.1
CIE v':	0.4901	R2:	73.9	R10:	39.3
Duv:	0.0035	R3:	79.4	R11:	71.1
CIE x:	0.3489	R4:	72.1	R12:	43.8
CIE y:	0.3618	R5:	69.2	R13:	68.1
CIE z:	0.2893	R6:	65.7	R14:	88.4
Peak Wavelength (nm):	443	R7:	78.1	R15:	59.7
Dominant Wavelength (nm):	570	R8:	55.3		
Purity:	13.25435				
Rf:	70.7				
Rg:	96.8				



Test Conditions

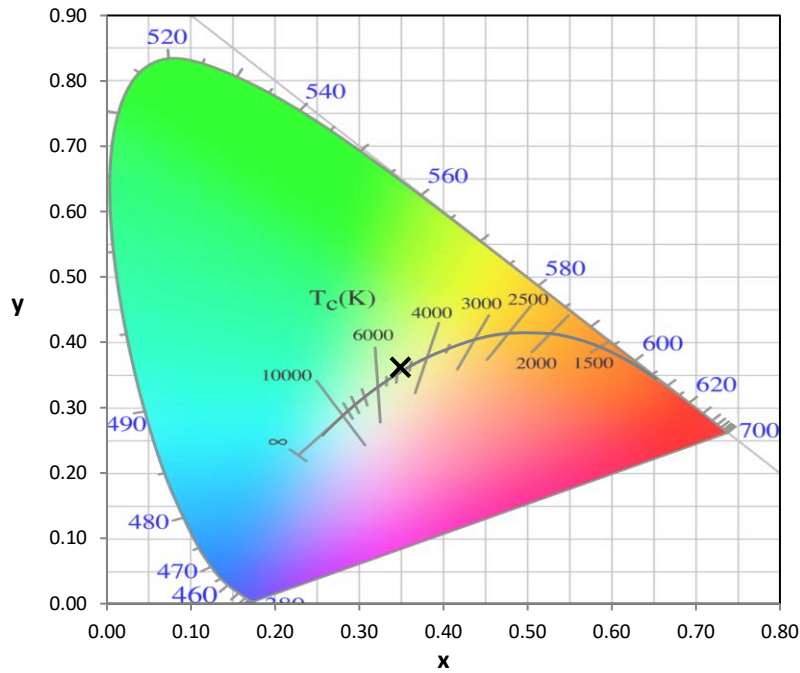
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-6

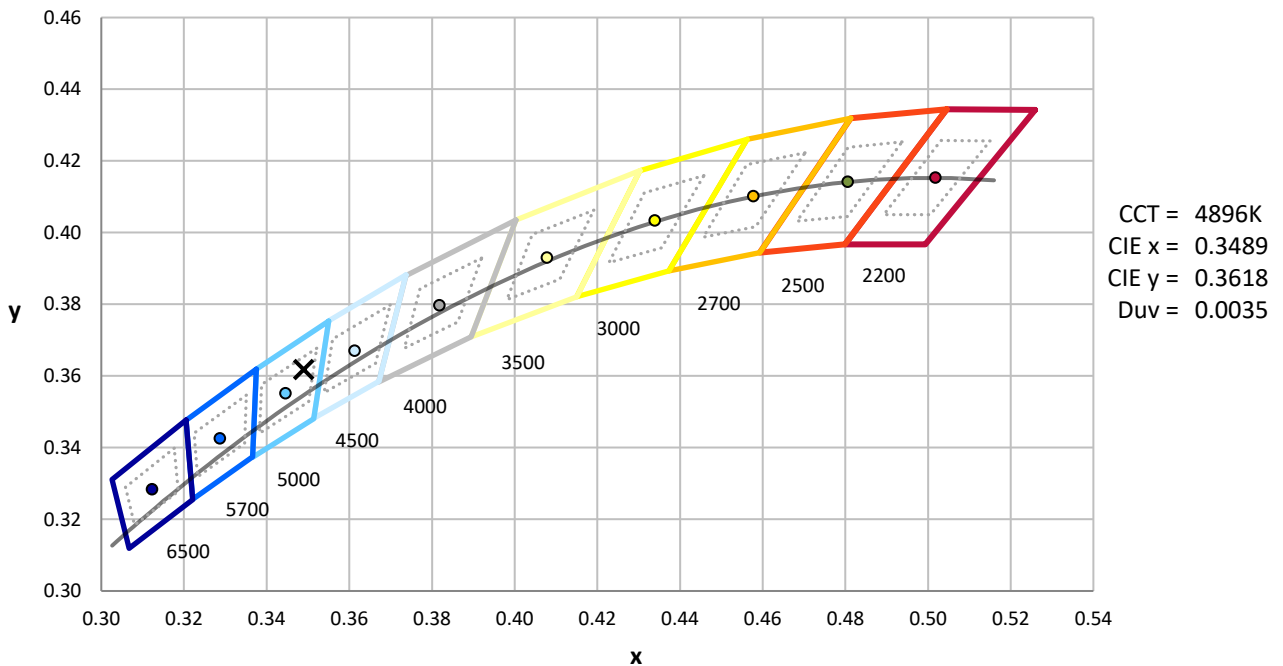
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-6

CIE 1931 Chromaticity Diagram



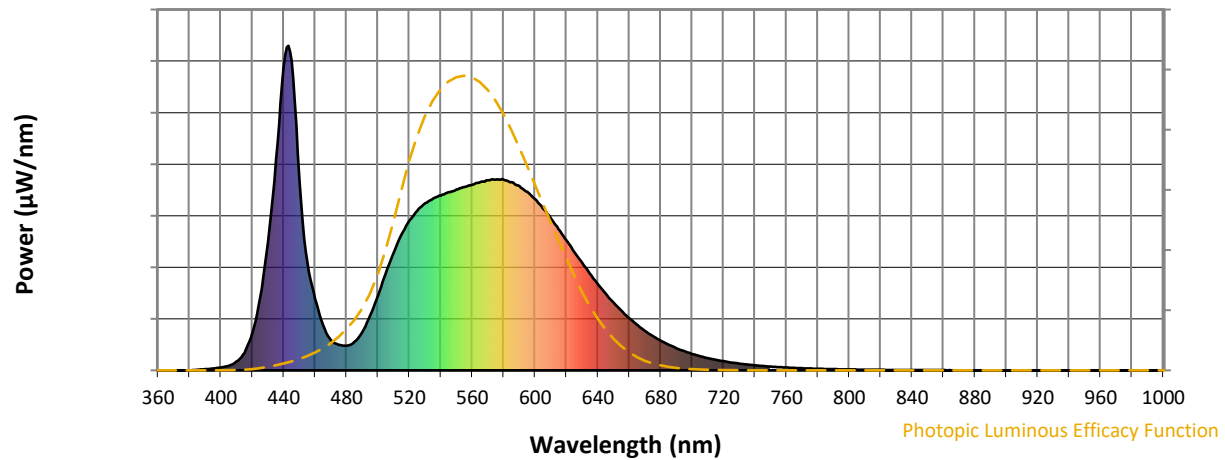
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-6

Photopic Flux vs. Wavelength

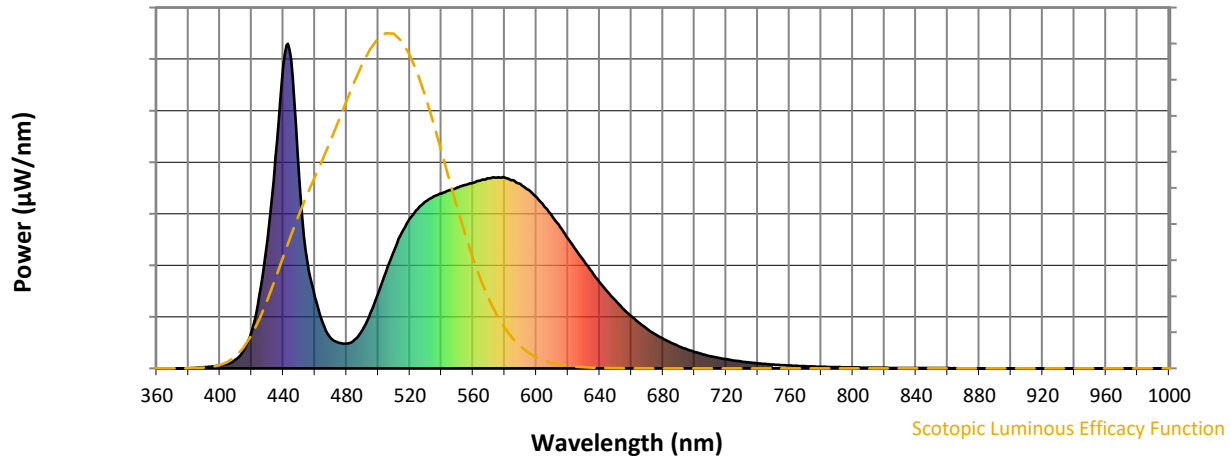


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

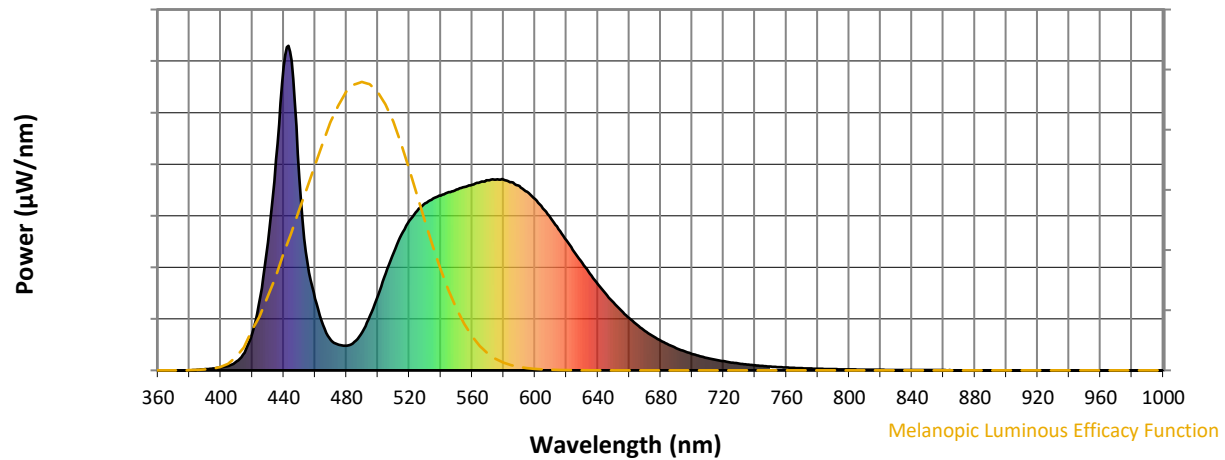
Scotopic Flux vs. Wavelength


Scotopic Lumens: NR
S/P: 1.7

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.37

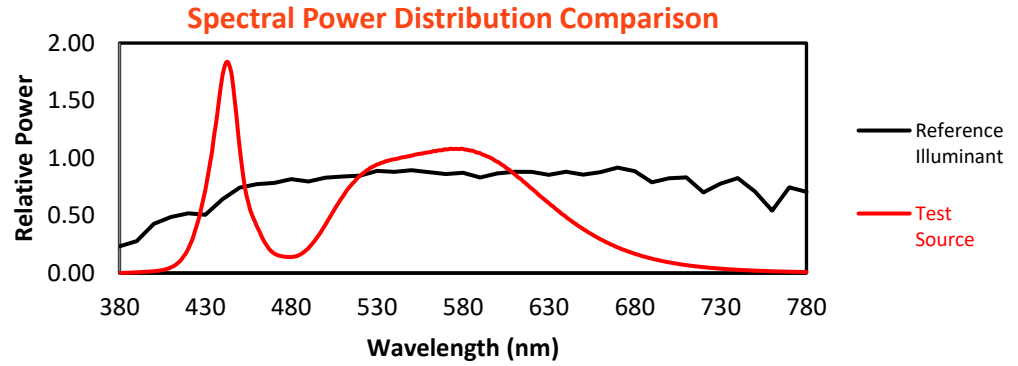
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

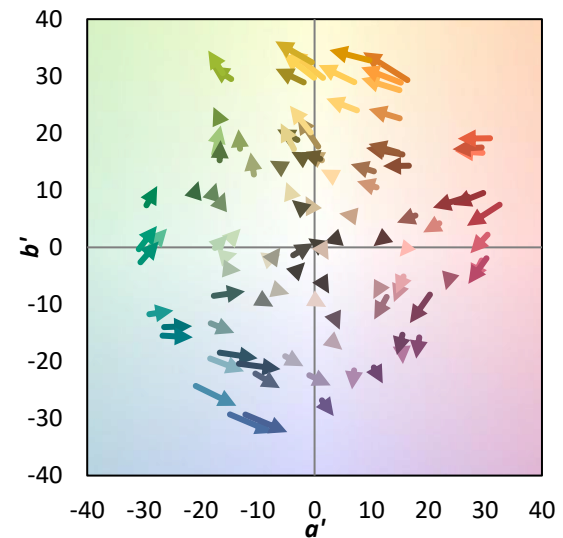
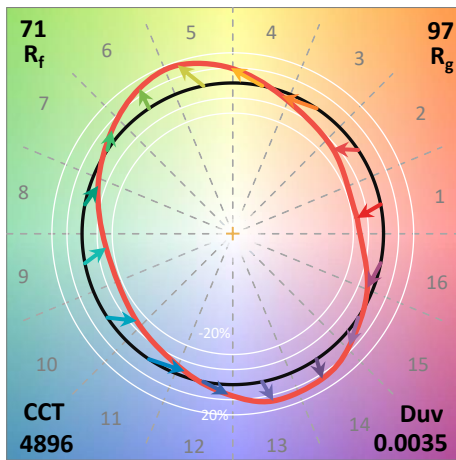
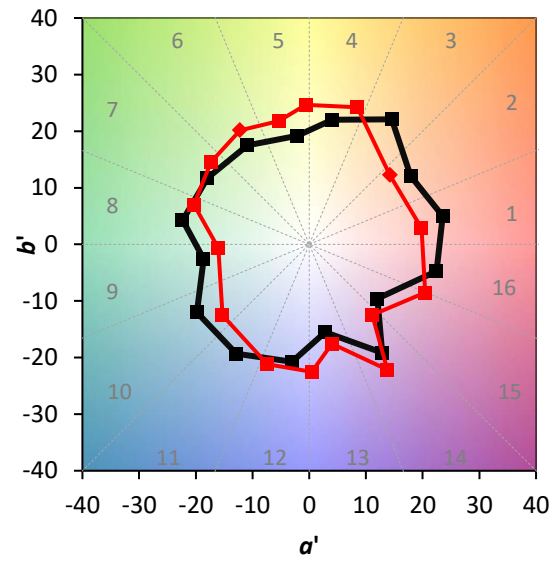
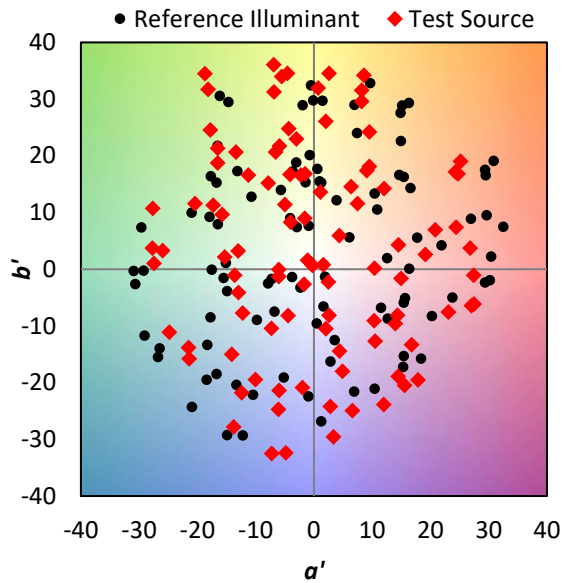
TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 CIE $R_a = 70.2$
 $R_g = -35.1$

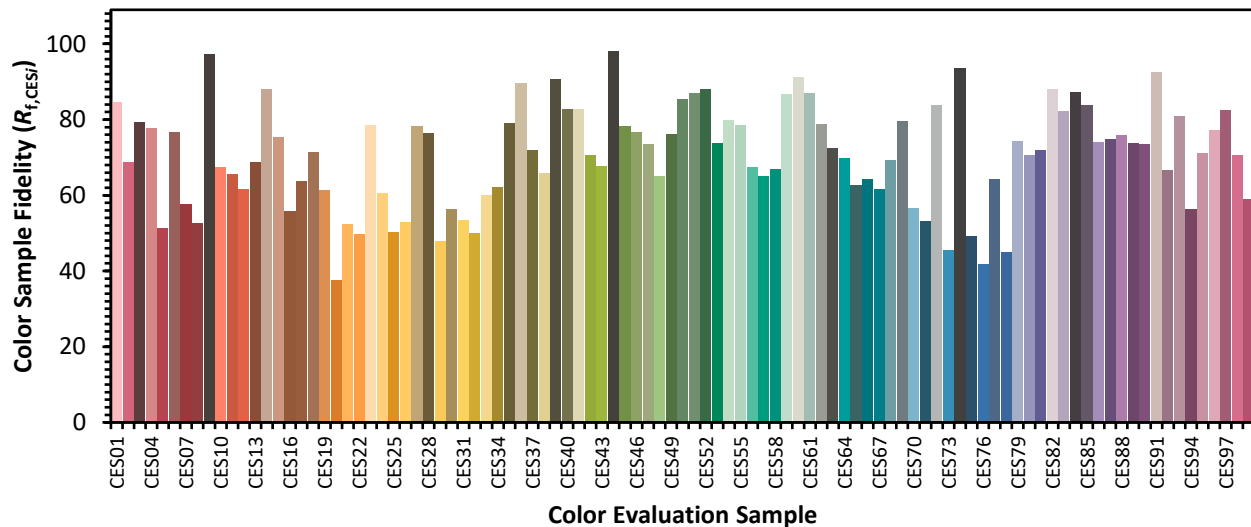


Color Vector Graphics

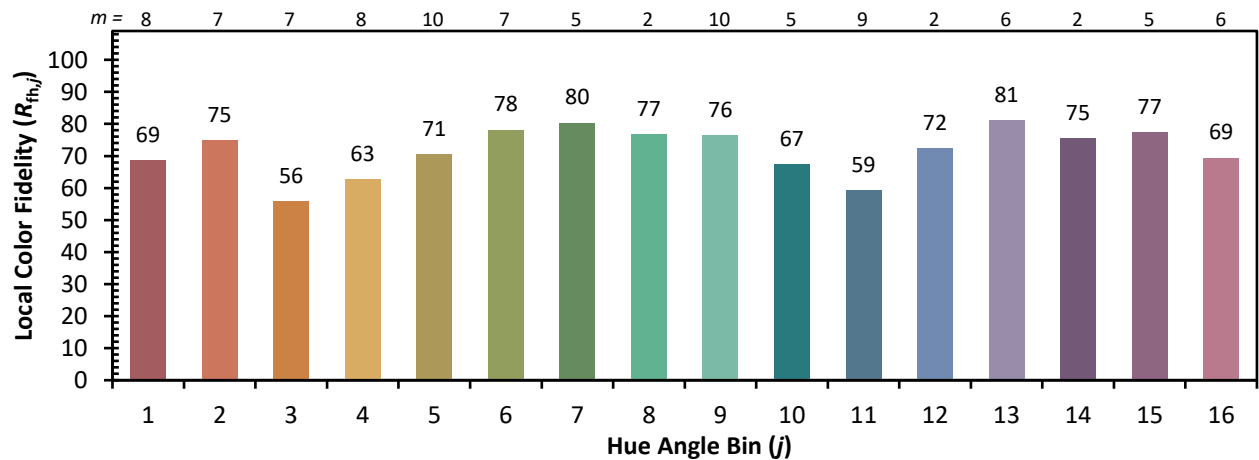
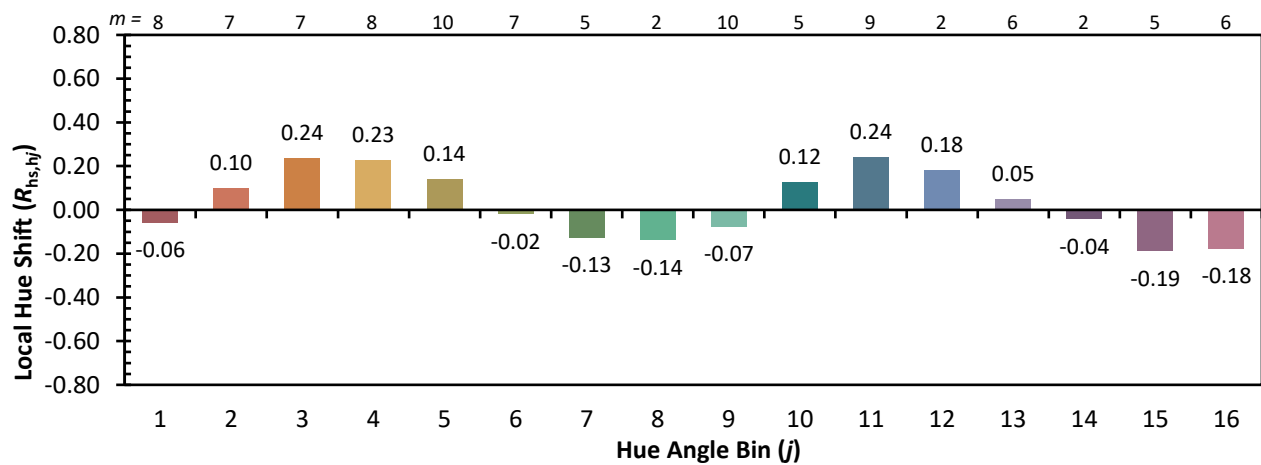
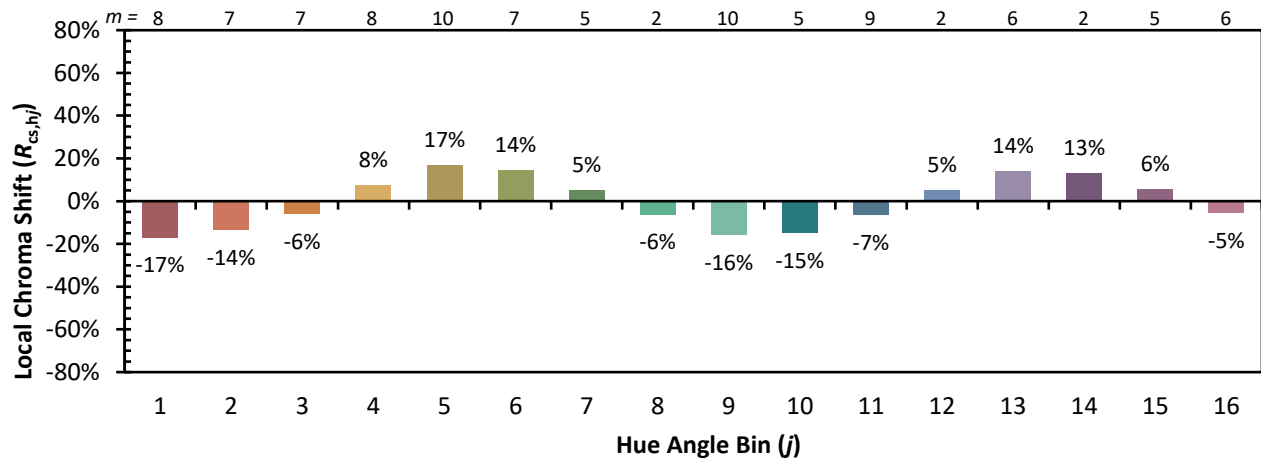


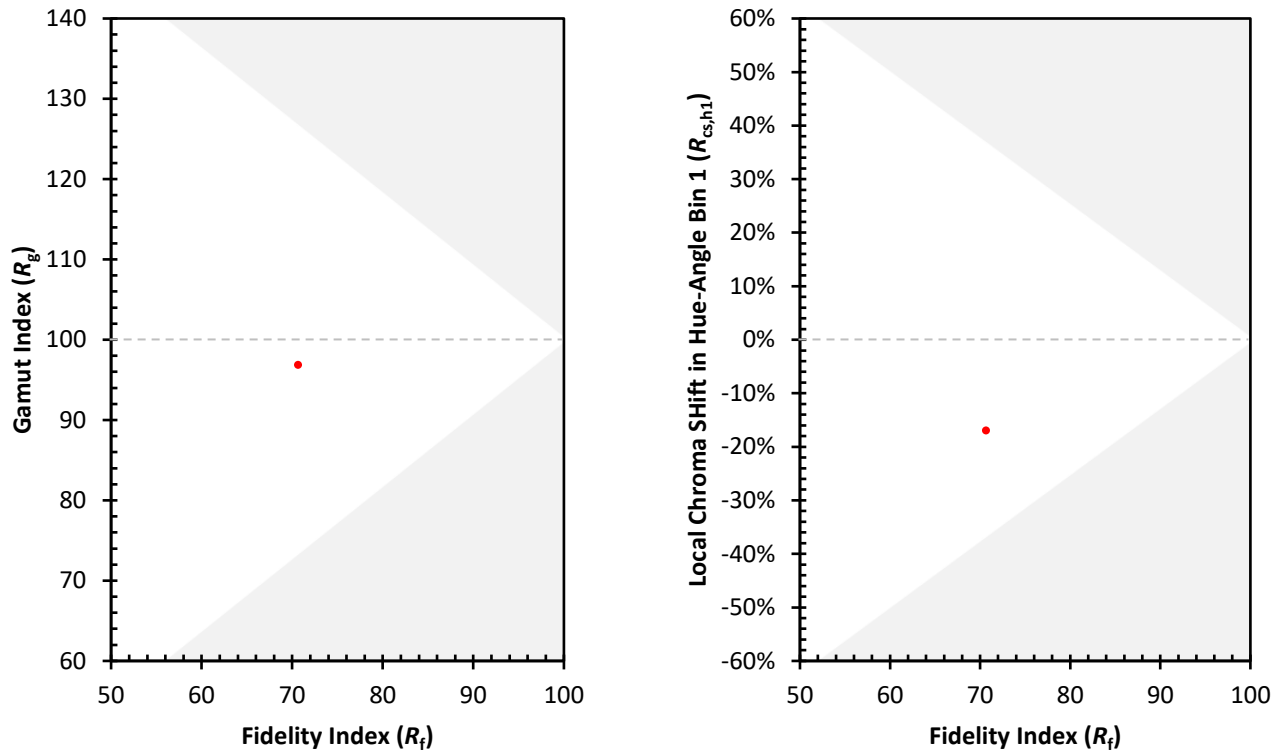
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)