

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: P1049255

Luminaire Tested: **GALN-SA3C-850-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049255
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3C-850-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
80CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14098 lumens
Efficiency: N/A
Efficacy: 100.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

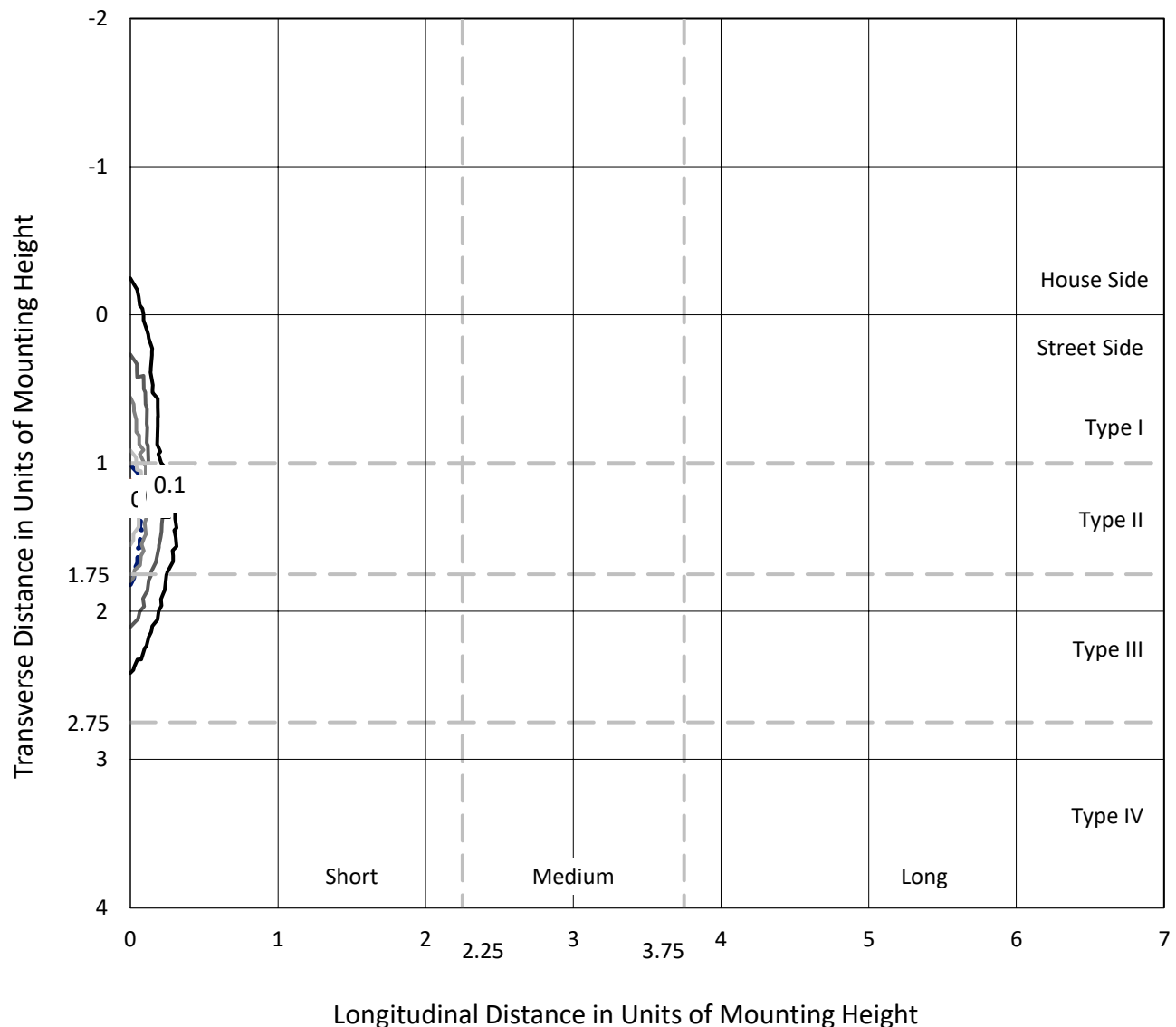
Input Watts (W): 140.4
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

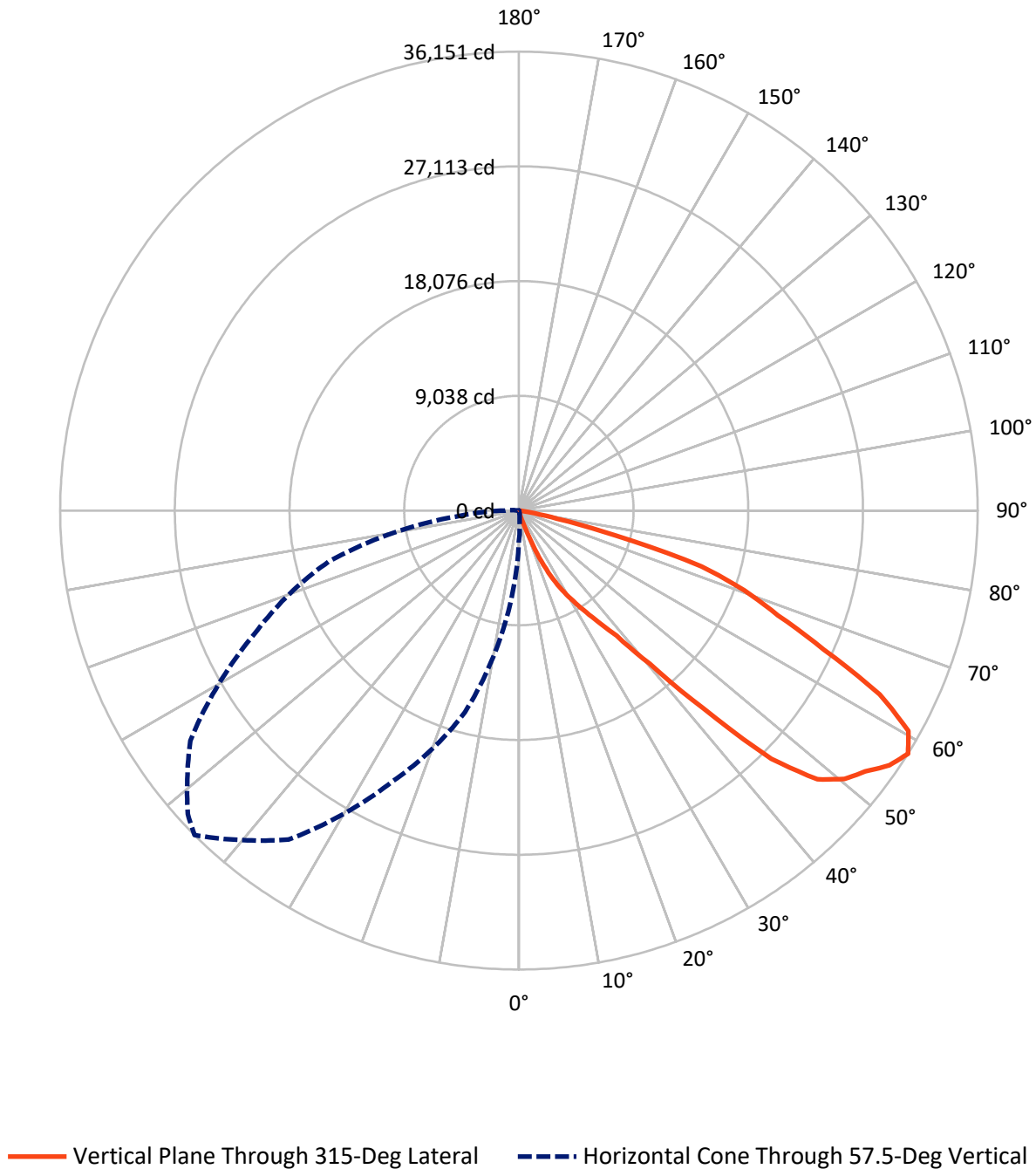
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.1 fc
 Type III - Short - N/A

REPORT NUMBER: P1049255
CATALOG NUMBER: GALN-SA3C-850-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	70.6	0.0	70.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	14027.4	0.0	14027.4
	% Fixture	99.5	0.0	99.5
Total	Lumens	14098.0	0.0	14098.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.5	0.0
10°-20°	31.0	0.2
20°-30°	334.1	2.4
30°-40°	988.0	7.0
40°-50°	2944.5	20.9
50°-60°	4668.9	33.1
60°-70°	3897.4	27.6
70°-80°	1201.8	8.5
80°-90°	26.7	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°	14098.0	100.0
0°-180°	14098.0	100.0



REPORT NUMBER: P1049255

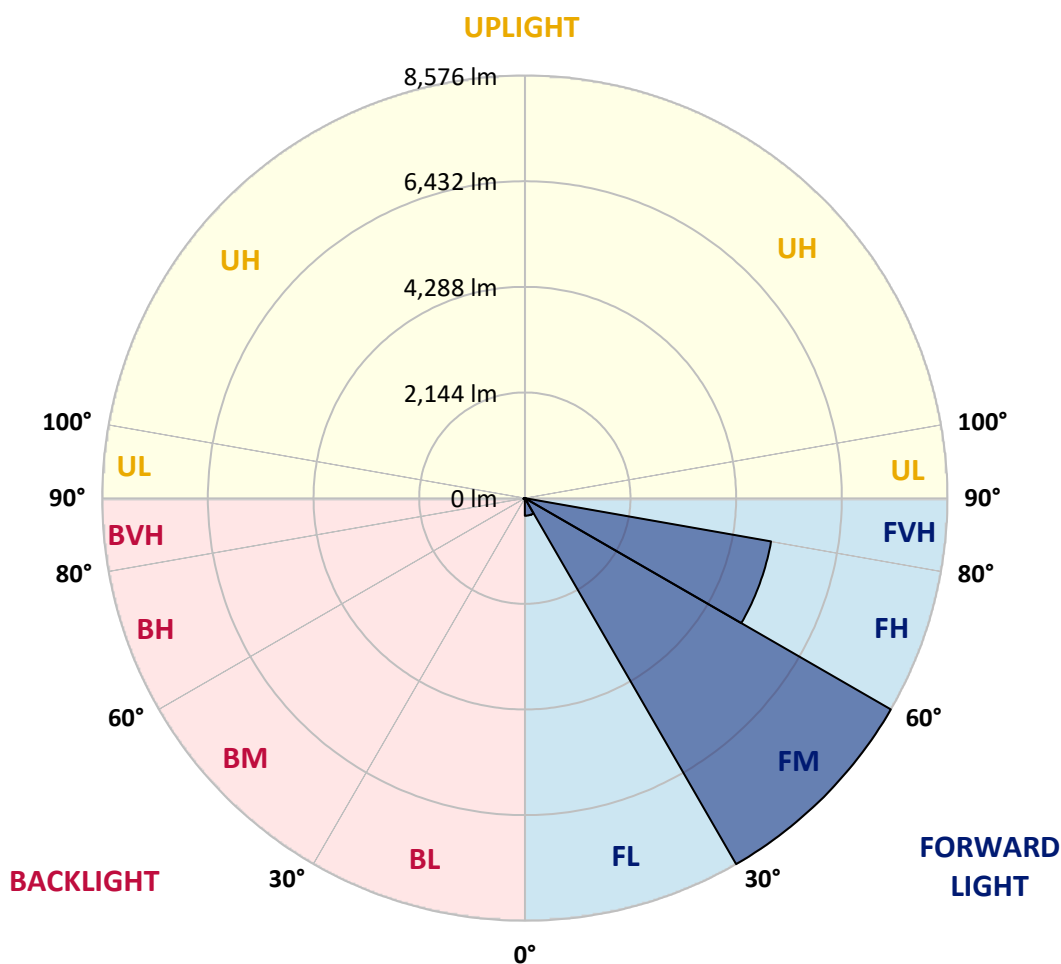
CATALOG NUMBER: GALN-SA3C-850-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	357.6	2.5			
FM	(30°-60°)	8576.2	60.8			
FH	(60°-80°)	5072.9	36.0			G3/7500
FVH	(80°-90°)	20.7	0.1			G1/100
BL	(0°-30°)	13.0	0.1	B0/110		
BM	(30°-60°)	25.2	0.2	B0/220		
BH	(60°-80°)	26.3	0.2	B0/110		G0/110
BVH	(80°-90°)	6.1	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-G3

Type III Short



REPORT NUMBER: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
2.5°	56.5	56.5	56.5	56.5	55.4	55.4	54.3	54.3	53.3	53.3
5°	59.7	59.7	58.6	57.5	57.5	56.5	55.4	54.3	54.3	53.3
7.5°	65.0	63.9	62.9	61.8	59.7	58.6	56.5	55.4	54.3	52.2
10°	71.4	69.2	67.1	65.0	62.9	60.7	58.6	57.5	55.4	54.3
12.5°	79.9	76.7	72.4	69.2	67.1	63.9	61.8	59.7	56.5	54.3
15°	87.4	83.1	77.8	73.5	70.3	66.1	62.9	59.7	57.5	54.3
17.5°	98.0	90.6	82.0	76.7	72.4	67.1	61.8	58.6	55.4	51.1
20°	116.1	101.2	85.2	78.8	72.4	66.1	59.7	55.4	52.2	47.9
22.5°	144.9	119.3	93.8	84.2	75.6	66.1	57.5	53.3	49.0	44.7
25°	200.3	154.5	108.7	95.9	83.1	70.3	57.5	52.2	47.9	42.6
27.5°	266.3	198.2	128.9	110.8	93.8	75.6	57.5	51.1	45.8	39.4
30°	333.5	242.9	151.3	127.8	104.4	81.0	57.5	50.1	43.7	36.2
32.5°	397.4	284.5	170.5	142.8	115.1	86.3	58.6	50.1	41.5	33.0
35°	462.4	318.5	173.7	144.9	116.1	86.3	57.5	47.9	39.4	29.8
37.5°	545.5	356.9	167.3	138.5	110.8	82.0	54.3	45.8	37.3	27.7
40°	671.2	420.8	170.5	140.6	110.8	81.0	51.1	42.6	35.2	26.6
42.5°	903.4	544.4	184.3	150.2	116.1	81.0	46.9	39.4	33.0	25.6
45°	1561.8	904.5	247.2	196.0	144.9	93.8	42.6	36.2	30.9	24.5
47.5°	2583.5	1513.9	444.3	343.1	242.9	141.7	41.5	36.2	30.9	24.5
50°	3297.3	1928.3	559.3	430.4	301.5	172.6	43.7	37.3	32.0	25.6
52.5°	3292.0	1958.2	623.2	478.4	334.5	189.6	45.8	39.4	34.1	27.7
55°	2926.6	1781.3	635.0	487.9	342.0	195.0	49.0	42.6	36.2	29.8
57.5°	2446.1	1512.8	579.6	448.5	318.5	187.5	56.5	49.0	42.6	35.2
60°	1934.7	1193.2	451.7	356.9	263.1	168.3	74.6	65.0	56.5	46.9
62.5°	1336.0	865.1	394.2	316.4	239.7	161.9	85.2	75.6	67.1	57.5
65°	945.0	650.9	355.8	289.8	224.8	158.7	92.7	82.0	72.4	61.8
67.5°	706.3	517.8	328.1	271.7	215.2	158.7	102.3	89.5	77.8	65.0
70°	541.2	425.1	307.9	262.1	217.3	171.5	125.7	107.6	90.6	72.4
72.5°	441.1	363.3	284.5	251.4	218.4	185.4	152.3	128.9	105.5	81.0
75°	365.4	311.1	256.8	229.1	202.4	174.7	147.0	125.7	105.5	84.2
77.5°	242.9	221.6	199.2	183.2	167.3	150.2	134.2	116.1	99.1	81.0
80°	85.2	82.0	78.8	85.2	91.6	98.0	104.4	91.6	79.9	67.1
82.5°	12.8	11.7	10.7	11.7	12.8	13.8	14.9	16.0	17.0	18.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
0.0	2.5°	52.2	52.2	51.1	51.1	51.1	50.1	50.1	49.0	49.0	49.0
0.0	5°	51.1	51.1	50.1	49.0	47.9	47.9	46.9	45.8	45.8	44.7
0.0	7.5°	50.1	49.0	47.9	46.9	45.8	44.7	43.7	42.6	42.6	41.5
0.0	10°	51.1	49.0	47.9	45.8	44.7	43.7	41.5	40.5	39.4	39.4
0.0	12.5°	49.0	47.9	45.8	43.7	42.6	40.5	39.4	37.3	36.2	36.2
0.0	15°	49.0	46.9	43.7	41.5	39.4	38.4	36.2	34.1	33.0	32.0
0.0	17.5°	45.8	43.7	40.5	38.4	36.2	34.1	32.0	29.8	28.8	27.7
0.0	20°	41.5	39.4	36.2	33.0	30.9	28.8	26.6	24.5	23.4	22.4
0.0	22.5°	37.3	35.2	32.0	28.8	26.6	24.5	21.3	19.2	18.1	16.0
0.0	25°	35.2	32.0	28.8	25.6	22.4	20.2	17.0	13.8	11.7	9.6
0.0	27.5°	29.8	26.6	23.4	20.2	17.0	13.8	10.7	7.5	5.3	4.3
0.0	30°	25.6	22.4	19.2	16.0	11.7	8.5	5.3	1.1	1.1	1.1
0.0	32.5°	21.3	18.1	13.8	10.7	8.5	5.3	3.2	0.0	0.0	0.0
0.0	35°	17.0	13.8	9.6	6.4	5.3	3.2	2.1	0.0	0.0	0.0
0.0	37.5°	14.9	11.7	7.5	3.2	2.1	2.1	1.1	0.0	0.0	0.0
0.0	40°	13.8	9.6	5.3	1.1	1.1	1.1	0.0	0.0	0.0	0.0
0.0	42.5°	13.8	9.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	13.8	9.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	13.8	9.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	14.9	10.7	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	17.0	12.8	8.5	4.3	3.2	2.1	1.1	0.0	0.0	0.0
0.0	55°	21.3	19.2	16.0	13.8	10.7	7.5	3.2	0.0	0.0	0.0
0.0	57.5°	27.7	27.7	26.6	25.6	19.2	12.8	6.4	0.0	0.0	0.0
0.0	60°	37.3	37.3	37.3	37.3	27.7	19.2	9.6	0.0	0.0	0.0
0.0	62.5°	45.8	43.7	40.5	38.4	28.8	19.2	9.6	0.0	0.0	0.0
0.0	65°	45.8	41.5	36.2	30.9	23.4	16.0	7.5	0.0	0.0	0.0
0.0	67.5°	42.6	34.1	24.5	16.0	11.7	8.5	4.3	0.0	0.0	0.0
	70°	42.6	29.8	17.0	4.3	3.2	2.1	1.1	0.0	0.0	0.0
	72.5°	42.6	28.8	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	46.9	32.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	46.9	32.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	41.5	27.7	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	13.8	9.6	4.3	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: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049255

CATALOG NUMBER: GALN-SA3C-850-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°	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
0.0	2.5°	47.9	47.9	47.9	46.9	46.9	46.9	46.9	45.8	45.8	45.8
0.0	5°	43.7	43.7	42.6	42.6	41.5	41.5	40.5	40.5	39.4	39.4
0.0	7.5°	40.5	39.4	39.4	38.4	37.3	37.3	36.2	36.2	35.2	34.1
0.0	10°	37.3	36.2	36.2	35.2	34.1	33.0	33.0	32.0	30.9	29.8
0.0	12.5°	34.1	33.0	32.0	30.9	29.8	28.8	28.8	27.7	26.6	25.6
0.0	15°	29.8	28.8	27.7	26.6	25.6	24.5	24.5	23.4	22.4	21.3
0.0	17.5°	25.6	24.5	24.5	23.4	22.4	21.3	20.2	18.1	17.0	16.0
0.0	20°	19.2	18.1	17.0	16.0	14.9	12.8	11.7	9.6	7.5	6.4
0.0	22.5°	12.8	10.7	9.6	7.5	5.3	4.3	3.2	1.1	0.0	0.0
0.0	25°	4.3	3.2	2.1	1.1	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: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
0.0	2.5°	44.7	44.7	44.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
0.0	5°	38.4	38.4	38.4	37.3	37.3	36.2	36.2	36.2	35.2	35.2
0.0	7.5°	33.0	32.0	32.0	30.9	30.9	29.8	29.8	29.8	28.8	28.8
0.0	10°	27.7	26.6	26.6	25.6	25.6	24.5	24.5	23.4	23.4	22.4
0.0	12.5°	24.5	23.4	22.4	21.3	21.3	20.2	19.2	19.2	18.1	17.0
0.0	15°	19.2	18.1	17.0	16.0	14.9	13.8	12.8	12.8	11.7	10.7
0.0	17.5°	12.8	10.7	9.6	8.5	8.5	7.5	6.4	5.3	4.3	3.2
0.0	20°	3.2	2.1	1.1	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-SA3C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049255

CATALOG NUMBER: GALN-SA3C-850-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°	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
0.0	2.5°	43.7	42.6	42.6	42.6	43.7	43.7	43.7	43.7	43.7	43.7
0.0	5°	35.2	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
0.0	7.5°	28.8	27.7	27.7	27.7	27.7	26.6	26.6	26.6	26.6	26.6
0.0	10°	22.4	21.3	21.3	21.3	21.3	20.2	20.2	20.2	20.2	20.2
0.0	12.5°	16.0	16.0	14.9	14.9	14.9	13.8	13.8	13.8	13.8	12.8
0.0	15°	9.6	8.5	7.5	7.5	7.5	6.4	6.4	6.4	6.4	5.3
0.0	17.5°	2.1	2.1	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA3C-850-U-RBC

[illegible]

REPORT NUMBER: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
0.0	2.5°	44.7	44.7	45.8	45.8	46.9	49.0	50.1	51.1	53.3	55.4
0.0	5°	35.2	36.2	36.2	37.3	38.4	39.4	40.5	41.5	43.7	45.8
0.0	7.5°	27.7	27.7	28.8	28.8	29.8	32.0	33.0	34.1	36.2	39.4
0.0	10°	21.3	21.3	22.4	22.4	23.4	25.6	26.6	27.7	29.8	33.0
0.0	12.5°	13.8	14.9	14.9	16.0	17.0	19.2	20.2	21.3	23.4	25.6
0.0	15°	6.4	7.5	7.5	8.5	9.6	11.7	12.8	13.8	16.0	19.2
0.0	17.5°	1.1	1.1	2.1	2.1	3.2	4.3	5.3	6.4	9.6	11.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	4.3
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049255

CATALOG NUMBER: GALN-SA3C-850-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°	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
0.0	2.5°	58.6	60.7	62.9	65.0	67.1	69.2	70.3	72.4	73.5	74.6
0.0	5°	50.1	52.2	55.4	57.5	59.7	61.8	63.9	65.0	66.1	67.1
0.0	7.5°	43.7	45.8	49.0	51.1	53.3	55.4	57.5	59.7	60.7	61.8
0.0	10°	37.3	40.5	42.6	45.8	47.9	50.1	52.2	54.3	56.5	57.5
0.0	12.5°	29.8	33.0	36.2	38.4	41.5	44.7	46.9	49.0	51.1	53.3
0.0	15°	23.4	26.6	29.8	32.0	35.2	38.4	41.5	43.7	45.8	47.9
0.0	17.5°	17.0	20.2	23.4	25.6	28.8	32.0	34.1	37.3	39.4	41.5
0.0	20°	8.5	11.7	14.9	18.1	21.3	24.5	26.6	29.8	32.0	34.1
0.0	22.5°	1.1	4.3	7.5	9.6	12.8	16.0	18.1	21.3	23.4	25.6
0.0	25°	0.0	1.1	3.2	4.3	5.3	7.5	9.6	11.7	13.8	16.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.1	2.1	4.3	6.4	8.5
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	2.1
	85°	0.0	0.0	0.0	0.0	0.0	2.1	3.2	5.3	6.4	7.5
	87.5°	0.0	1.1	2.1	3.2	4.3	6.4	8.5	10.7	11.7	12.8
	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: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
61.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.1											
4.3											
9.6											
13.8											
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: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
0.0	2.5°	75.6	75.6	75.6	75.6	74.6	74.6	74.6	73.5	73.5	72.4
0.0	5°	69.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	69.2	69.2
0.0	7.5°	63.9	65.0	66.1	66.1	67.1	67.1	67.1	66.1	66.1	65.0
0.0	10°	60.7	61.8	61.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
0.0	12.5°	56.5	57.5	58.6	58.6	59.7	59.7	59.7	59.7	58.6	58.6
0.0	15°	51.1	53.3	54.3	55.4	55.4	56.5	56.5	56.5	56.5	56.5
0.0	17.5°	46.9	49.0	50.1	51.1	51.1	52.2	52.2	53.3	53.3	53.3
0.0	20°	38.4	40.5	41.5	43.7	44.7	45.8	46.9	47.9	47.9	49.0
0.0	22.5°	29.8	32.0	33.0	35.2	36.2	37.3	38.4	39.4	40.5	41.5
0.0	25°	21.3	23.4	24.5	26.6	27.7	28.8	29.8	30.9	30.9	32.0
0.0	27.5°	11.7	13.8	16.0	17.0	19.2	20.2	21.3	22.4	23.4	24.5
0.0	30°	5.3	6.4	7.5	9.6	10.7	11.7	12.8	14.9	16.0	17.0
0.0	32.5°	0.0	0.0	1.1	3.2	4.3	5.3	6.4	7.5	7.5	8.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.1	3.2	4.3
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°	2.1	2.1	2.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2
	82.5°	5.3	6.4	7.5	7.5	8.5	8.5	8.5	8.5	7.5	7.5
	85°	10.7	11.7	12.8	12.8	13.8	13.8	13.8	13.8	13.8	13.8
	87.5°	14.9	16.0	17.0	17.0	18.1	18.1	18.1	18.1	18.1	18.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
61.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	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											
3.2											
7.5											
13.8											
18.1											
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: P1049255

CATALOG NUMBER: GALN-SA3C-850-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°	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
0.0	2.5°	71.4	71.4	70.3	70.3	70.3	70.3	70.3	71.4	72.4	72.4
0.0	5°	68.2	68.2	67.1	67.1	67.1	68.2	68.2	69.2	70.3	71.4
0.0	7.5°	65.0	63.9	63.9	65.0	65.0	66.1	66.1	67.1	68.2	69.2
0.0	10°	62.9	61.8	61.8	61.8	62.9	62.9	63.9	65.0	66.1	67.1
0.0	12.5°	58.6	58.6	58.6	58.6	59.7	59.7	60.7	61.8	63.9	65.0
0.0	15°	56.5	55.4	55.4	55.4	55.4	56.5	56.5	58.6	60.7	61.8
0.0	17.5°	52.2	52.2	51.1	51.1	52.2	52.2	53.3	55.4	57.5	58.6
0.0	20°	47.9	46.9	45.8	45.8	46.9	46.9	47.9	50.1	52.2	53.3
0.0	22.5°	41.5	40.5	40.5	40.5	40.5	41.5	41.5	43.7	46.9	49.0
0.0	25°	33.0	34.1	34.1	35.2	35.2	36.2	37.3	39.4	42.6	44.7
0.0	27.5°	25.6	26.6	26.6	28.8	29.8	30.9	32.0	35.2	38.4	40.5
0.0	30°	19.2	20.2	21.3	22.4	24.5	26.6	28.8	32.0	35.2	37.3
0.0	32.5°	11.7	13.8	14.9	17.0	19.2	21.3	23.4	26.6	30.9	34.1
0.0	35°	8.5	9.6	11.7	12.8	14.9	17.0	19.2	23.4	26.6	30.9
0.0	37.5°	4.3	6.4	8.5	10.7	12.8	14.9	17.0	21.3	25.6	28.8
0.0	40°	3.2	5.3	6.4	8.5	11.7	13.8	16.0	20.2	24.5	28.8
0.0	42.5°	2.1	3.2	4.3	7.5	9.6	12.8	16.0	20.2	24.5	28.8
0.0	45°	2.1	2.1	3.2	6.4	9.6	13.8	17.0	21.3	24.5	28.8
0.0	47.5°	2.1	3.2	4.3	8.5	10.7	13.8	17.0	20.2	24.5	27.7
0.0	50°	3.2	4.3	5.3	9.6	11.7	14.9	17.0	21.3	24.5	28.8
0.0	52.5°	2.1	3.2	4.3	8.5	11.7	16.0	19.2	23.4	27.7	30.9
0.0	55°	1.1	1.1	1.1	6.4	12.8	18.1	24.5	27.7	32.0	35.2
0.0	57.5°	0.0	0.0	0.0	4.3	12.8	20.2	27.7	32.0	36.2	39.4
0.0	60°	0.0	0.0	0.0	4.3	12.8	20.2	27.7	33.0	38.4	43.7
0.0	62.5°	0.0	0.0	0.0	4.3	10.7	17.0	23.4	32.0	41.5	50.1
0.0	65°	0.0	0.0	0.0	3.2	8.5	13.8	19.2	32.0	44.7	56.5
0.0	67.5°	0.0	0.0	0.0	3.2	8.5	12.8	18.1	32.0	44.7	58.6
	70°	0.0	0.0	0.0	3.2	8.5	13.8	19.2	32.0	44.7	57.5
	72.5°	0.0	0.0	0.0	3.2	9.6	14.9	21.3	32.0	42.6	53.3
	75°	0.0	0.0	0.0	4.3	9.6	16.0	22.4	32.0	41.5	50.1
	77.5°	0.0	0.0	0.0	3.2	9.6	14.9	21.3	30.9	40.5	49.0
	80°	3.2	2.1	2.1	5.3	9.6	13.8	18.1	27.7	38.4	47.9
	82.5°	6.4	6.4	5.3	7.5	9.6	12.8	16.0	24.5	34.1	42.6
	85°	12.8	12.8	11.7	12.8	12.8	13.8	14.9	19.2	23.4	27.7
	87.5°	17.0	17.0	16.0	16.0	16.0	14.9	14.9	14.9	14.9	13.8
	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: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
61.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.3											
63.9											
59.7											
58.6											
57.5											
51.1											
32.0											
13.8											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											



REPORT NUMBER: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
0.0	2.5°	74.6	75.6	75.6	76.7	77.8	78.8	78.8	79.9	79.9	79.9
0.0	5°	73.5	75.6	76.7	77.8	78.8	79.9	81.0	82.0	83.1	83.1
0.0	7.5°	72.4	73.5	75.6	76.7	78.8	79.9	82.0	83.1	84.2	85.2
0.0	10°	70.3	72.4	74.6	76.7	78.8	81.0	83.1	85.2	87.4	88.4
0.0	12.5°	68.2	71.4	73.5	75.6	78.8	82.0	84.2	87.4	89.5	91.6
0.0	15°	67.1	69.2	72.4	74.6	78.8	83.1	86.3	90.6	94.8	98.0
0.0	17.5°	63.9	68.2	71.4	74.6	78.8	84.2	88.4	92.7	99.1	105.5
0.0	20°	59.7	62.9	67.1	70.3	76.7	82.0	88.4	93.8	103.3	112.9
0.0	22.5°	55.4	59.7	62.9	67.1	74.6	81.0	88.4	94.8	110.8	125.7
0.0	25°	51.1	56.5	60.7	65.0	73.5	82.0	90.6	99.1	125.7	152.3
0.0	27.5°	49.0	53.3	58.6	62.9	73.5	85.2	95.9	106.5	149.2	190.7
0.0	30°	45.8	51.1	55.4	60.7	74.6	88.4	102.3	116.1	181.1	246.1
0.0	32.5°	42.6	47.9	53.3	58.6	76.7	94.8	111.9	130.0	215.2	299.4
0.0	35°	39.4	45.8	51.1	56.5	79.9	104.4	127.8	151.3	246.1	339.9
0.0	37.5°	38.4	44.7	50.1	55.4	81.0	105.5	131.0	155.5	249.3	343.1
0.0	40°	39.4	44.7	51.1	56.5	77.8	99.1	119.3	140.6	238.6	335.6
0.0	42.5°	39.4	45.8	52.2	58.6	75.6	92.7	109.7	126.8	235.4	344.1
0.0	45°	38.4	44.7	51.1	57.5	73.5	88.4	104.4	119.3	254.6	388.9
0.0	47.5°	37.3	43.7	50.1	56.5	72.4	88.4	104.4	120.4	329.2	536.9
0.0	50°	37.3	43.7	49.0	54.3	73.5	93.8	112.9	132.1	479.4	825.7
0.0	52.5°	39.4	44.7	49.0	53.3	75.6	99.1	121.5	143.8	609.4	1073.9
0.0	55°	42.6	45.8	50.1	53.3	81.0	107.6	135.3	161.9	648.8	1135.7
0.0	57.5°	46.9	50.1	53.3	56.5	90.6	124.6	157.7	191.8	652.0	1111.2
0.0	60°	52.2	56.5	59.7	62.9	99.1	136.4	172.6	208.8	590.2	970.6
0.0	62.5°	63.9	69.2	73.5	78.8	114.0	148.1	183.2	217.3	490.1	762.8
0.0	65°	73.5	77.8	82.0	86.3	120.4	155.5	189.6	223.7	415.5	607.3
0.0	67.5°	75.6	79.9	83.1	87.4	122.5	157.7	191.8	226.9	355.8	483.7
	70°	76.7	82.0	88.4	93.8	130.0	166.2	201.4	237.6	315.4	393.1
	72.5°	73.5	84.2	93.8	103.3	137.4	170.5	204.6	237.6	293.0	348.4
	75°	73.5	88.4	102.3	116.1	141.7	166.2	191.8	216.3	258.9	301.5
	77.5°	77.8	96.9	116.1	135.3	150.2	164.1	179.0	192.8	220.5	248.2
	80°	77.8	98.0	117.2	137.4	143.8	151.3	157.7	164.1	167.3	170.5
	82.5°	67.1	83.1	99.1	115.1	107.6	100.1	92.7	85.2	79.9	73.5
	85°	34.1	37.3	39.4	41.5	38.4	35.2	32.0	28.8	26.6	23.4
	87.5°	13.8	13.8	12.8	12.8	12.8	12.8	11.7	11.7	11.7	11.7
	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: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
61.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
226.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
315.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
427.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
533.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
606.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
660.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
714.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
821.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1034.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1576.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2415.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3040.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3109.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2806.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2399.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1875.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1416.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1046.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
740.4											
550.8											
400.6											
301.5											
169.4											
76.7											
22.4											
10.7											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049255

CATALOG NUMBER: GALN-SA3C-850-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°	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
0.0	2.5°	79.9	78.8	78.8	77.8	76.7	75.6	74.6	73.5	72.4	71.4
0.0	5°	83.1	83.1	83.1	82.0	82.0	81.0	81.0	79.9	78.8	77.8
0.0	7.5°	86.3	87.4	87.4	88.4	88.4	88.4	88.4	87.4	87.4	87.4
0.0	10°	91.6	92.7	93.8	94.8	95.9	96.9	96.9	98.0	98.0	98.0
0.0	12.5°	98.0	101.2	103.3	106.5	108.7	111.9	114.0	117.2	119.3	121.5
0.0	15°	107.6	112.9	119.3	124.6	130.0	137.4	146.0	153.4	160.9	172.6
0.0	17.5°	121.5	138.5	155.5	171.5	188.6	225.9	263.1	299.4	336.7	391.0
0.0	20°	148.1	199.2	249.3	300.4	350.5	481.5	611.5	742.6	872.5	1012.1
0.0	22.5°	207.7	333.5	459.2	584.9	710.6	984.4	1257.1	1530.9	1803.7	2124.4
0.0	25°	301.5	532.7	763.9	994.0	1225.2	1653.5	2082.8	2511.1	2939.4	3355.9
0.0	27.5°	438.9	792.6	1146.3	1499.0	1852.7	2433.3	3015.0	3595.6	4176.3	4647.2
0.0	30°	608.3	1087.7	1567.2	2046.6	2526.0	3186.5	3847.1	4506.5	5167.1	5681.6
0.0	32.5°	768.1	1355.2	1942.2	2528.1	3115.2	3867.3	4620.5	5372.7	6124.8	6687.3
0.0	35°	872.5	1582.1	2292.7	3002.2	3711.8	4525.7	5339.6	6152.5	6966.5	7608.9
0.0	37.5°	976.9	1796.2	2614.4	3433.7	4251.9	5145.8	6039.6	6933.4	7827.3	8621.0
0.0	40°	1094.1	2055.1	3015.0	3976.0	4935.9	5994.9	7052.8	8111.8	9169.7	10289.4
0.0	42.5°	1297.6	2484.5	3672.3	4859.2	6046.0	7447.0	8847.9	10247.8	11648.8	13246.8
0.0	45°	1680.1	3352.7	5026.4	6699.1	8371.7	10227.6	12084.5	13940.4	15796.3	17922.8
0.0	47.5°	2616.6	4917.8	7217.9	9519.1	11819.2	13823.2	15826.1	17830.1	19833.0	21950.9
0.0	50°	4003.7	6682.0	9360.4	12037.7	14716.0	16529.3	18341.5	20154.7	21966.9	23981.5
0.0	52.5°	5007.3	7797.5	10588.7	13379.0	16169.2	17805.6	19443.1	21079.5	22715.9	24598.4
0.0	55°	5082.9	7857.1	10632.4	13406.7	16180.9	17824.8	19468.6	21112.5	22756.4	24751.8
0.0	57.5°	4500.1	7252.0	10002.8	12754.6	15505.4	17377.3	19248.1	21120.0	22990.8	25148.1
0.0	60°	3827.9	6580.8	9332.7	12085.6	14837.5	16993.8	19151.1	21307.5	23463.8	25484.8
0.0	62.5°	2986.2	5818.0	8650.8	11482.6	14314.4	16503.7	18693.0	20881.3	23070.7	24586.7
0.0	65°	2225.6	4975.3	7725.0	10473.7	13223.4	14977.0	16730.6	18483.2	20236.8	21175.4
0.0	67.5°	1608.7	3980.2	6350.7	8722.2	11092.7	12347.7	13602.7	14856.6	16111.6	16829.7
	70°	1087.7	2730.6	4372.3	6015.1	7656.8	8688.1	9720.5	10751.7	11783.0	12752.5
	72.5°	753.2	1675.8	2599.5	3522.1	4444.7	5482.4	6519.0	7556.7	8593.3	9619.3
	75°	499.7	919.4	1340.2	1760.0	2179.8	2947.9	3717.1	4485.2	5253.4	5864.9
	77.5°	354.8	480.5	607.3	733.0	858.7	1002.5	1147.4	1291.2	1435.1	1653.5
	80°	168.3	184.3	200.3	215.2	231.2	283.4	335.6	387.8	440.0	495.4
	82.5°	79.9	86.3	92.7	98.0	104.4	109.7	115.1	120.4	125.7	120.4
	85°	21.3	21.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	21.3
	87.5°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	8.5	8.5	7.5
	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: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
61.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
444.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1152.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2445.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3772.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5118.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6197.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7250.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8251.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9415.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11409.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14844.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20049.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24068.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25996.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26480.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26748.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27305.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27504.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26103.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22115.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17548.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13720.9											
10645.2											
6476.4											
1871.9											
550.8											
114.0											
20.2											
7.5											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
0.0	2.5°	69.2	68.2	67.1	66.1	65.0	62.9	62.9	61.8	61.8
0.0	5°	75.6	74.6	73.5	72.4	72.4	71.4	70.3	70.3	69.2
0.0	7.5°	86.3	85.2	84.2	83.1	83.1	82.0	82.0	81.0	81.0
0.0	10°	99.1	99.1	99.1	99.1	99.1	98.0	98.0	98.0	96.9
0.0	12.5°	124.6	125.7	127.8	130.0	133.2	133.2	133.2	132.1	132.1
0.0	15°	197.1	208.8	217.3	225.9	233.3	250.4	248.2	245.0	242.9
0.0	17.5°	498.6	551.9	580.6	608.3	637.1	715.9	703.1	690.4	678.6
0.0	20°	1292.3	1431.9	1524.5	1617.2	1711.0	1859.1	1822.9	1786.6	1750.4
0.0	22.5°	2764.6	3085.3	3224.9	3364.4	3502.9	3681.9	3565.8	3449.7	3334.6
0.0	25°	4188.0	4604.5	4840.0	5075.4	5309.8	5412.1	5260.8	5108.5	4957.2
0.0	27.5°	5588.9	6059.8	6267.6	6474.3	6682.0	6896.2	6708.7	6520.1	6332.6
0.0	30°	6711.9	7226.4	7451.2	7674.9	7899.7	8048.9	7855.0	7660.0	7466.1
0.0	32.5°	7813.4	8376.0	8622.1	8868.2	9113.2	9327.3	9088.7	8849.0	8610.3
0.0	35°	8892.7	9535.1	9873.9	10212.7	10551.5	10750.7	10467.3	10182.8	9899.4
0.0	37.5°	10209.5	11003.2	11382.4	11761.7	12141.0	12504.3	12192.1	11878.9	11566.8
0.0	40°	12528.8	13648.5	14230.2	14812.9	15394.6	15863.4	15469.2	15075.0	14680.8
0.0	42.5°	16443.0	18041.0	18877.3	19712.6	20548.9	21280.8	20866.4	20452.0	20037.5
0.0	45°	22175.7	24302.2	25321.8	26340.3	27359.8	27894.7	27298.1	26700.4	26103.8
0.0	47.5°	26185.8	28303.8	29211.5	30119.2	31026.9	31637.3	30907.5	30177.8	29449.0
0.0	50°	28009.7	30024.3	30935.2	31845.1	32756.0	33240.7	32398.0	31554.2	30711.5
0.0	52.5°	28362.4	30244.9	31331.6	32419.3	33506.0	34153.7	33158.7	32162.5	31167.5
0.0	55°	28743.8	30739.2	31999.5	33260.9	34521.3	35418.3	34293.3	33167.2	32042.2
0.0	57.5°	29461.8	31619.2	32876.3	34132.4	35389.6	36151.3	35023.1	33893.8	32765.5
0.0	60°	29525.7	31545.7	32626.0	33707.3	34787.6	35267.0	34187.8	33107.5	32028.3
0.0	62.5°	27619.8	29135.8	29885.8	30635.9	31385.9	31906.9	30780.8	29653.6	28527.5
0.0	65°	23053.6	23992.2	24589.9	25187.6	25785.2	26406.3	25375.1	24343.8	23312.5
0.0	67.5°	18266.9	18984.9	19772.3	20559.6	21346.9	22010.6	21184.9	20358.2	19532.6
	70°	14690.4	15658.9	16544.2	17429.5	18314.8	18858.2	18029.3	17199.4	16370.5
	72.5°	11671.2	12697.1	13436.5	14174.8	14914.2	15047.3	14437.9	13828.5	13220.2
	75°	7086.9	7698.4	7713.3	7727.2	7742.1	7868.8	7363.9	6858.9	6355.0
	77.5°	2090.3	2308.7	2488.7	2667.7	2847.7	3065.1	2879.7	2693.3	2507.9
	80°	605.1	660.5	707.4	753.2	800.1	772.4	728.7	685.0	641.4
	82.5°	108.7	102.3	101.2	100.1	100.1	94.8	86.3	77.8	69.2
	85°	19.2	18.1	17.0	16.0	14.9	13.8	11.7	10.7	8.5
	87.5°	6.4	5.3	4.3	3.2	3.2	1.1	1.1	1.1	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: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049255

CATALOG NUMBER: GALN-SA3C-850-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°	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
0.0	0.0	2.5°	60.7	59.7	59.7	59.7	59.7	58.6	58.6	58.6	58.6
0.0	0.0	5°	67.1	67.1	66.1	66.1	65.0	65.0	63.9	63.9	62.9
0.0	0.0	7.5°	78.8	77.8	76.7	75.6	74.6	72.4	71.4	70.3	70.3
0.0	0.0	10°	94.8	92.7	91.6	89.5	88.4	86.3	84.2	82.0	79.9
0.0	0.0	12.5°	124.6	120.4	117.2	112.9	108.7	105.5	101.2	98.0	93.8
0.0	0.0	15°	216.3	205.6	193.9	180.0	165.1	151.3	136.4	127.8	118.3
0.0	0.0	17.5°	552.9	497.5	441.1	395.3	349.4	304.7	258.9	225.9	192.8
0.0	0.0	20°	1407.4	1253.9	1100.5	949.2	796.9	645.6	493.3	416.6	339.9
0.0	0.0	22.5°	2648.5	2364.1	2078.5	1802.6	1525.6	1249.7	973.8	800.1	627.5
0.0	0.0	25°	4087.8	3729.9	3371.9	2918.1	2463.1	2009.3	1555.4	1273.1	990.8
0.0	0.0	27.5°	5319.4	4907.1	4494.8	3942.9	3391.1	2839.2	2287.4	1866.5	1446.8
0.0	0.0	30°	6385.8	5942.7	5499.5	4857.0	4214.6	3572.2	2929.8	2403.5	1877.2
0.0	0.0	32.5°	7310.6	6780.0	6249.5	5586.8	4924.2	4261.5	3598.8	2953.2	2307.6
0.0	0.0	35°	8377.0	7758.0	7138.0	6402.9	5666.7	4931.6	4196.5	3467.8	2738.0
0.0	0.0	37.5°	9732.2	8972.6	8211.9	7392.6	6573.4	5755.1	4935.9	4102.8	3269.6
0.0	0.0	40°	12326.4	11346.2	10366.1	9325.2	8283.3	7242.4	6201.5	5178.8	4156.0
0.0	0.0	42.5°	16974.6	15650.3	14326.1	12941.1	11555.0	10170.1	8784.0	7341.5	5897.9
0.0	0.0	45°	22220.5	20577.7	18933.8	17379.4	15824.0	14269.6	12715.2	10735.8	8756.3
0.0	0.0	47.5°	25170.5	23396.7	21622.8	20151.5	18680.3	17209.0	15737.7	13603.7	11469.8
0.0	0.0	50°	26256.1	24450.3	22644.5	21290.4	19935.3	18581.2	17226.0	15088.9	12950.7
0.0	0.0	52.5°	26487.3	24645.3	22803.2	21440.6	20078.0	18716.5	17353.9	15230.6	13107.3
0.0	0.0	55°	26962.5	24986.2	23008.9	21455.5	19902.2	18348.9	16795.6	14638.2	12480.8
0.0	0.0	57.5°	27583.6	25557.2	23530.9	21761.3	19991.7	18223.2	16453.6	14094.9	11736.1
0.0	0.0	60°	27420.6	25657.4	23893.1	21997.8	20101.5	18206.2	16309.8	13715.6	11120.4
0.0	0.0	62.5°	24590.9	23186.8	21781.6	20222.9	18663.2	17104.6	15545.9	12875.0	10204.1
0.0	0.0	65°	20230.4	19205.5	18180.6	16926.6	15671.6	14417.7	13163.7	10768.8	8374.9
0.0	0.0	67.5°	16396.1	15241.2	14085.3	13086.0	12085.6	11086.3	10085.9	8201.2	6316.6
		70°	13026.3	11770.2	10513.1	9537.2	8560.3	7584.4	6608.5	5355.6	4103.8
		72.5°	10344.8	9212.3	8079.8	7038.9	5997.0	4956.1	3914.2	3173.7	2433.3
		75°	4944.4	4491.6	4038.8	3494.4	2950.0	2405.6	1861.2	1538.4	1216.7
		77.5°	1832.4	1588.5	1343.4	1121.8	900.2	679.7	458.1	419.8	381.4
		80°	474.1	413.4	351.6	307.9	263.1	219.5	175.8	158.7	142.8
		82.5°	54.3	50.1	46.9	44.7	41.5	39.4	36.2	33.0	29.8
		85°	3.2	2.1	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: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049255

CATALOG NUMBER: GALN-SA3C-850-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	61.8	61.8
0.0	0.0	2.5°	57.5	56.5
0.0	0.0	5°	60.7	59.7
0.0	0.0	7.5°	67.1	65.0
0.0	0.0	10°	73.5	71.4
0.0	0.0	12.5°	83.1	79.9
0.0	0.0	15°	93.8	87.4
0.0	0.0	17.5°	111.9	98.0
0.0	0.0	20°	151.3	116.1
0.0	0.0	22.5°	213.1	144.9
0.0	0.0	25°	313.2	200.3
0.0	0.0	27.5°	435.7	266.3
0.0	0.0	30°	579.6	333.5
0.0	0.0	32.5°	706.3	397.4
0.0	0.0	35°	871.5	462.4
0.0	0.0	37.5°	1075.0	545.5
0.0	0.0	40°	1390.3	671.2
0.0	0.0	42.5°	1958.2	903.4
0.0	0.0	45°	3180.1	1561.8
0.0	0.0	47.5°	4893.3	2583.5
0.0	0.0	50°	5986.3	3297.3
0.0	0.0	52.5°	6075.8	3292.0
0.0	0.0	55°	5546.3	2926.6
0.0	0.0	57.5°	4732.4	2446.1
0.0	0.0	60°	3933.4	1934.7
0.0	0.0	62.5°	3099.2	1336.0
0.0	0.0	65°	2265.0	945.0
0.0	0.0	67.5°	1626.8	706.3
		70°	1069.6	541.2
		72.5°	696.8	441.1
		75°	468.8	365.4
		77.5°	273.8	242.9
		80°	96.9	85.2
		82.5°	18.1	12.8
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049255

CATALOG NUMBER: GALN-SA3C-850-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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

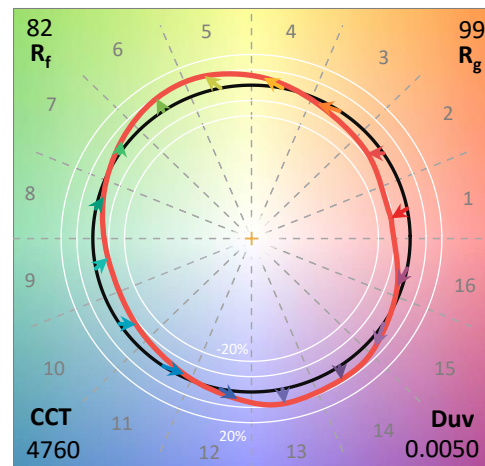
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-12
 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-850-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4760
 CIE u' : 0.2107
 CIE v' : 0.4939
 Duv: 0.0050
 CIE x: 0.3537
 CIE y: 0.3685
 CIE z: 0.2779
 Peak Wavelength (nm): 443
 Dominant Wavelength (nm): 571
 Purity: 16.69598
 R_f: 82
 R_g: 99.4

CRI (Ra): 81.1
 R1: 79.8
 R2: 83.5
 R3: 87.9
 R4: 83.1
 R5: 80.5
 R6: 79.1
 R7: 86.1
 R8: 69.0
 R9: 8.7
 R10: 62.4
 R11: 83.8
 R12: 63.0
 R13: 79.9
 R14: 93.3
 R15: 72.7



Test Conditions

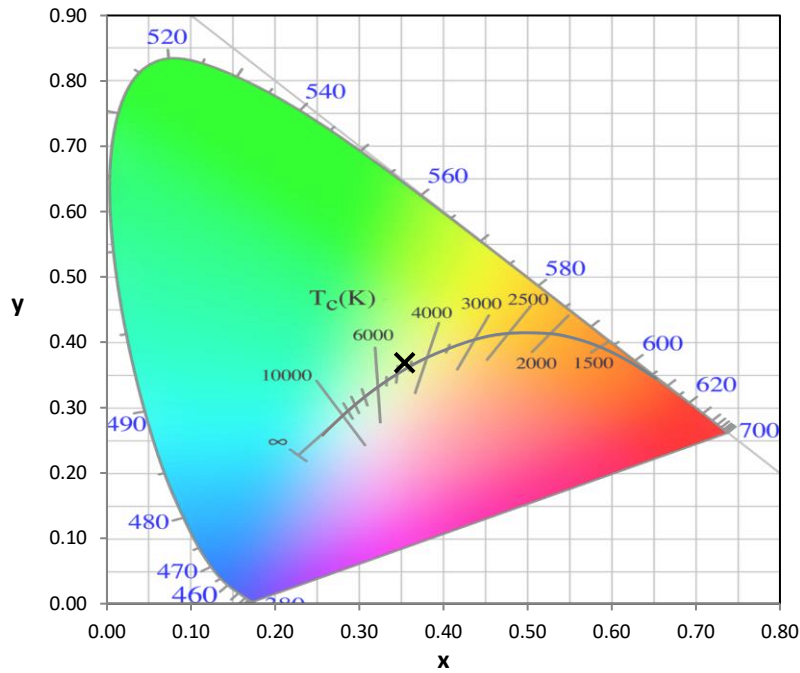
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-12

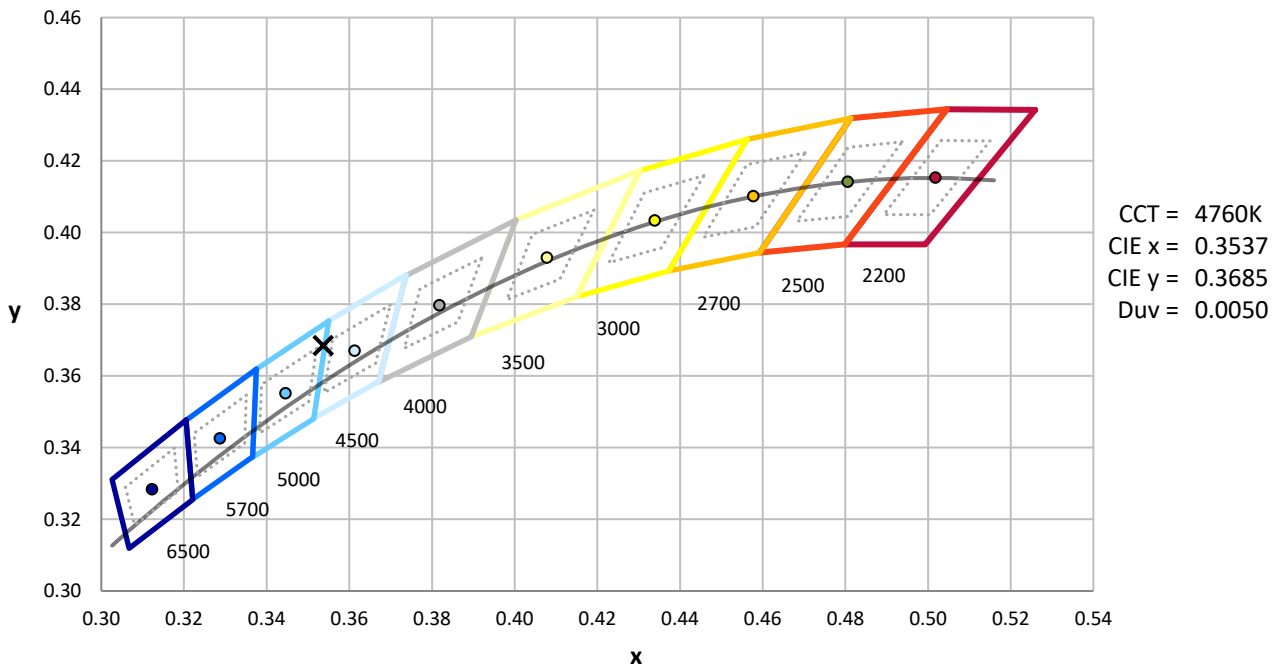
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



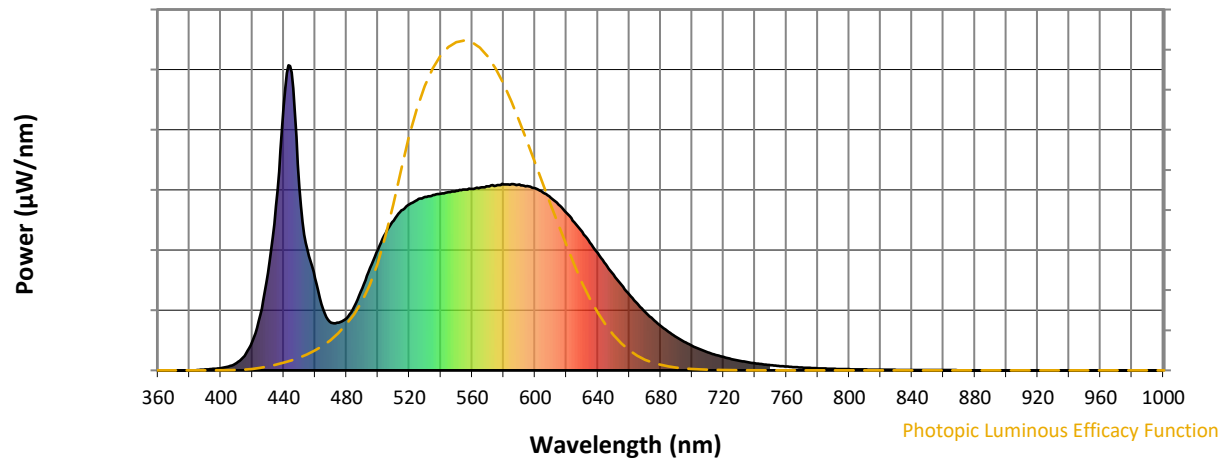
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

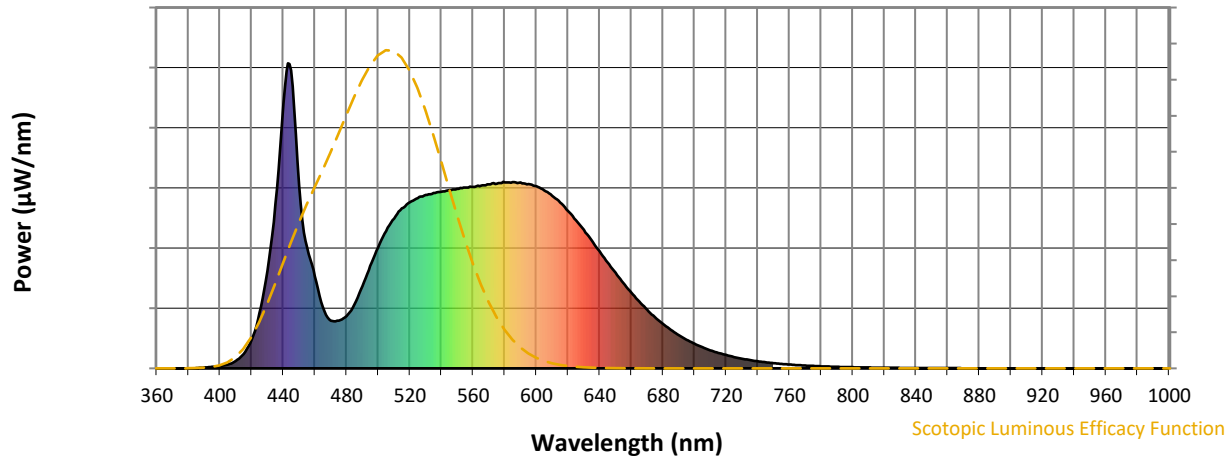


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Scotopic Flux vs. Wavelength



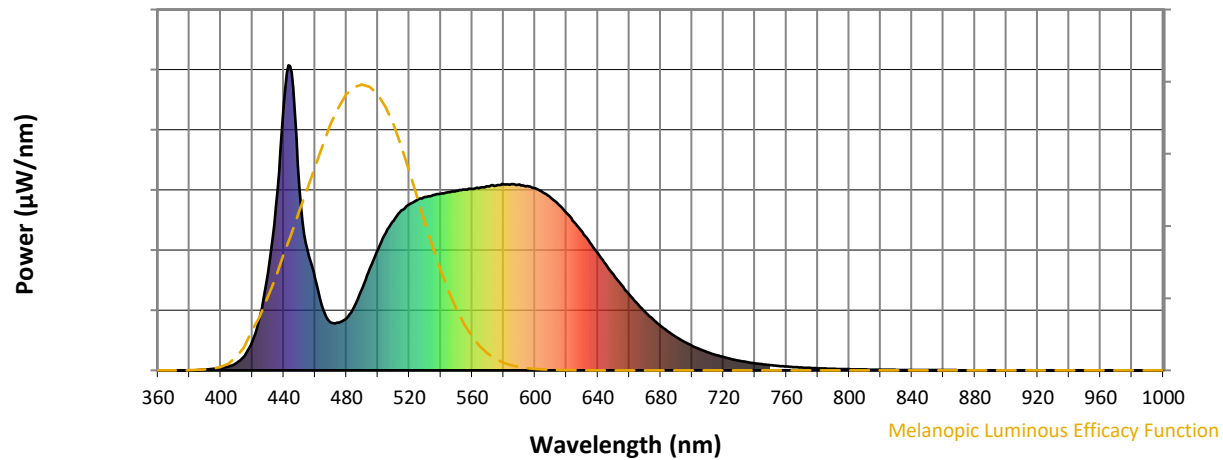
Scotopic Lumens: NR

S/P: 1.83

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.74

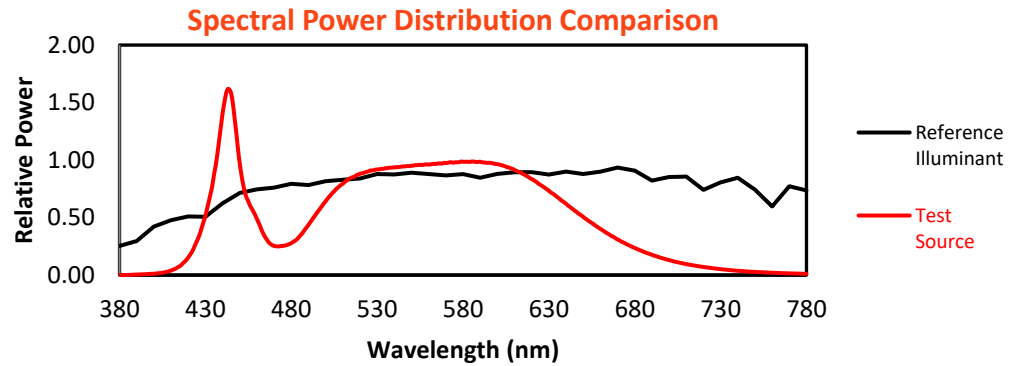
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

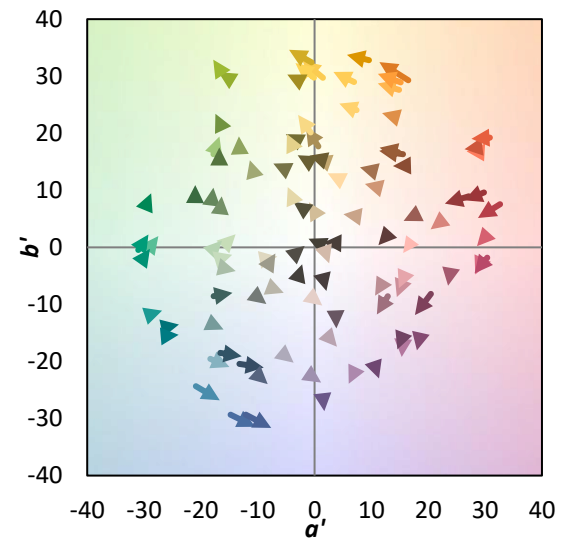
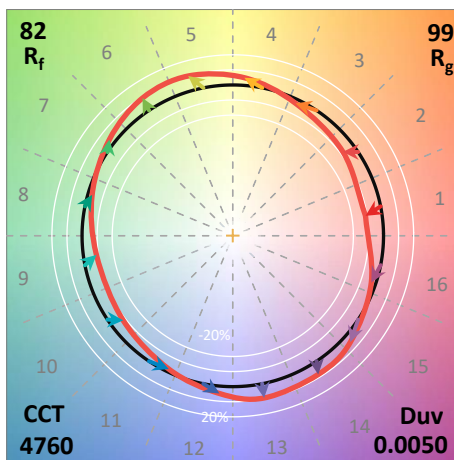
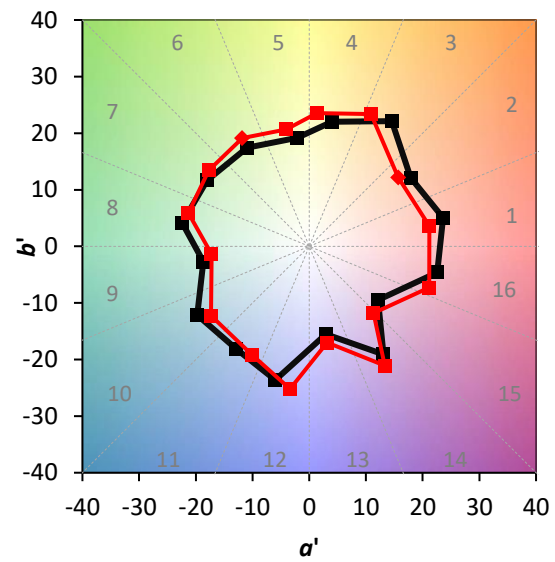
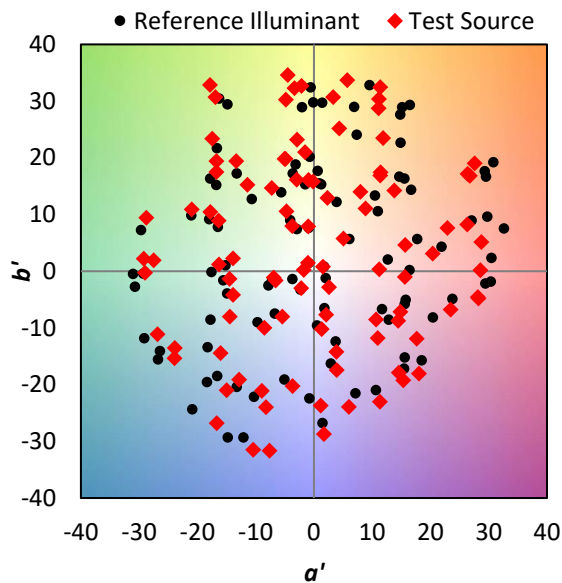
TM-30-18

Summary

$R_f = 82$
 $R_g = 99.4$
 $\text{CIE } R_a = 81.1$
 $R_9 = 8.7$

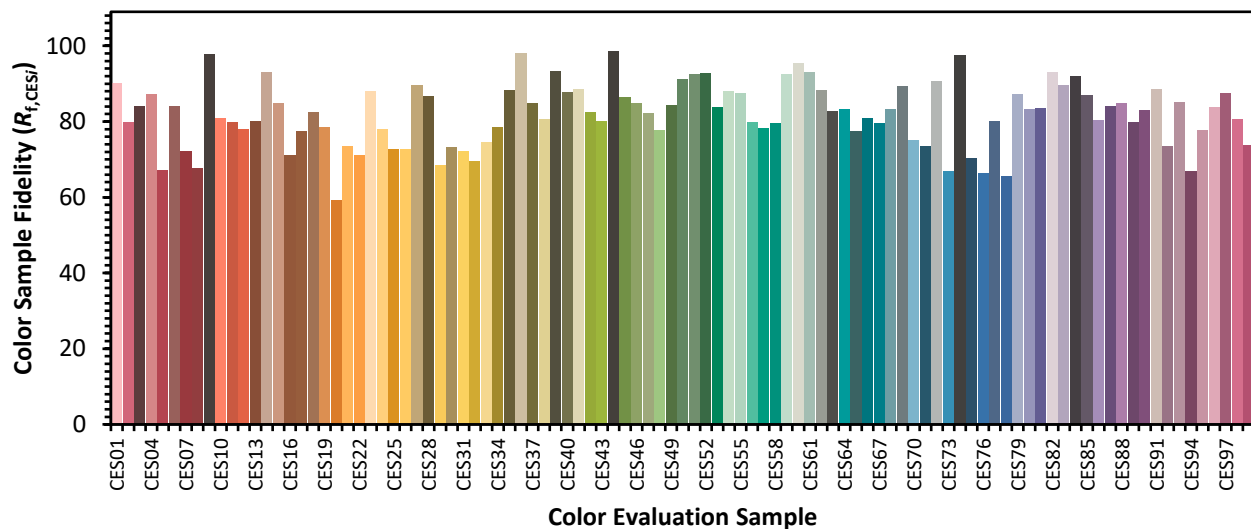


Color Vector Graphics

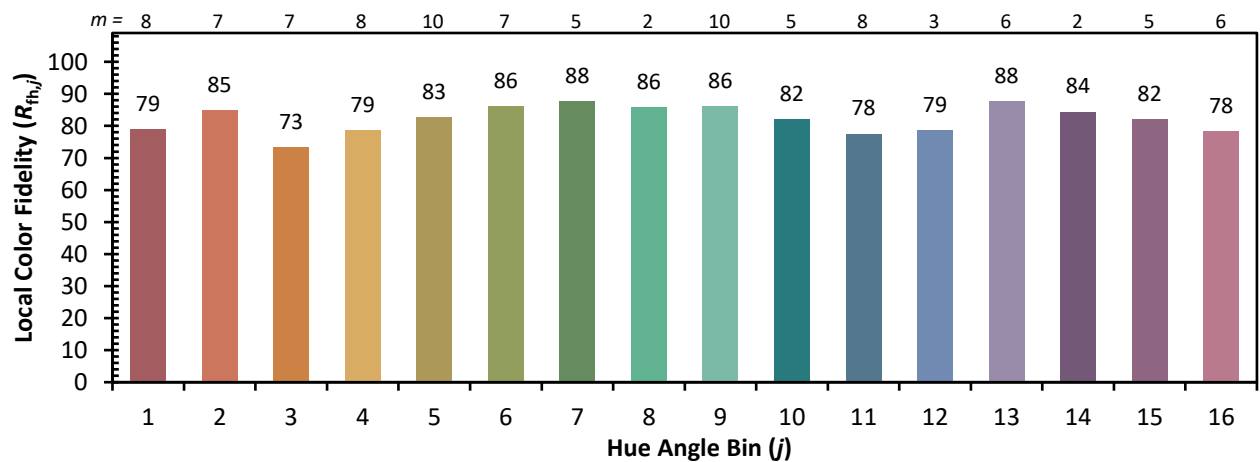
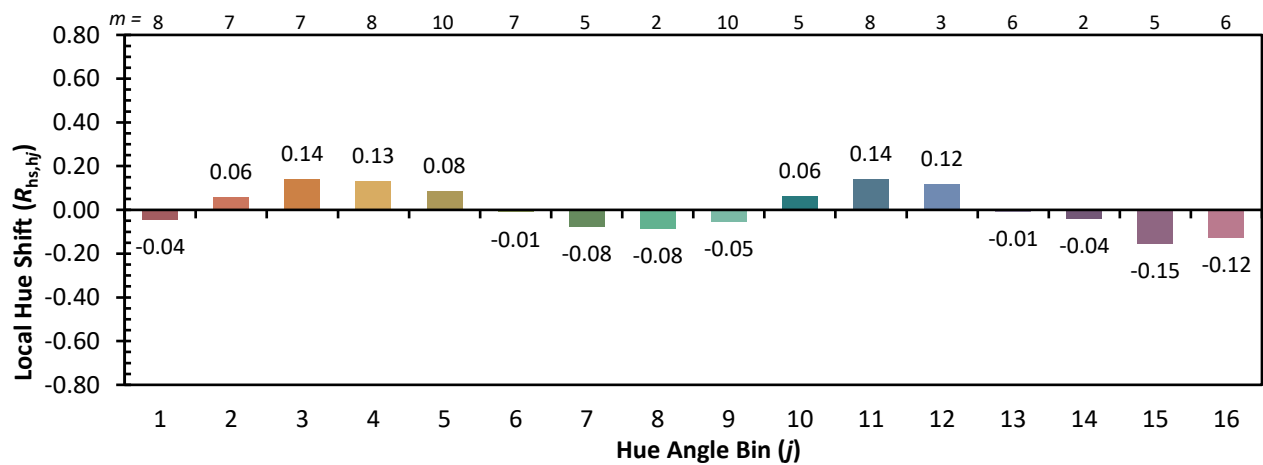
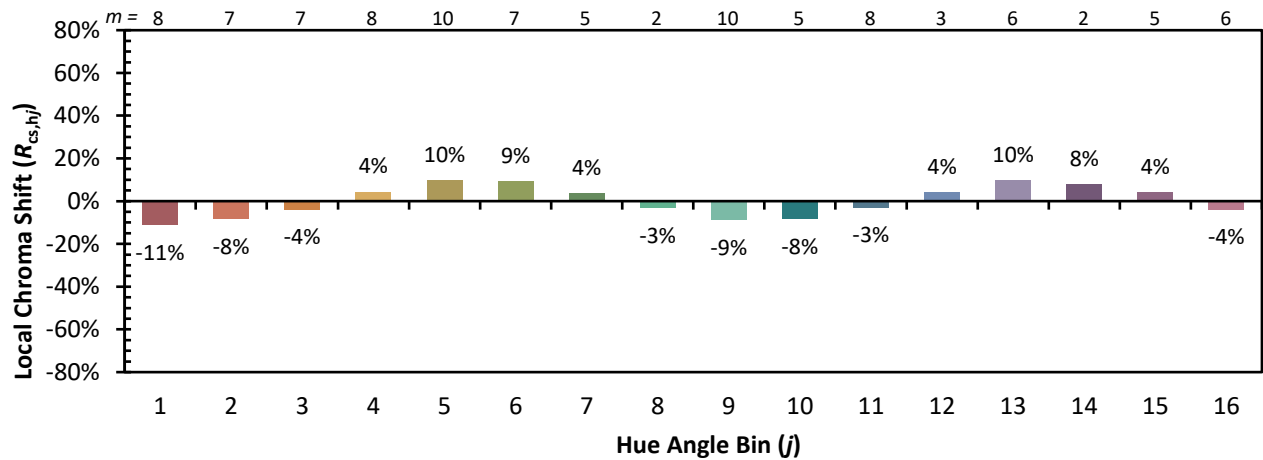


Individual Sample Fidelity Index ($R_{f,i}$)

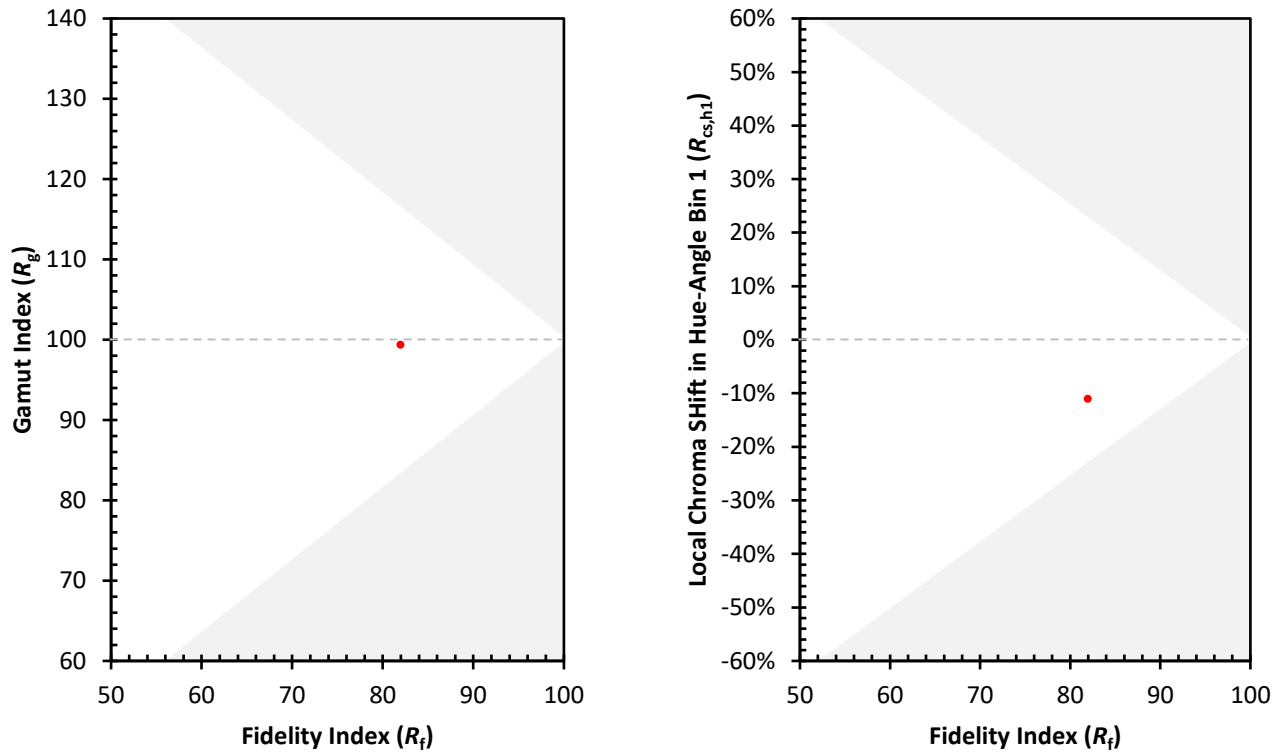
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)