

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: P1049247

Luminaire Tested: **GALN-SA1C-850-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049247
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-850-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
80CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (14) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4729.7 lumens
Efficiency: N/A
Efficacy: 94.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 50.2
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

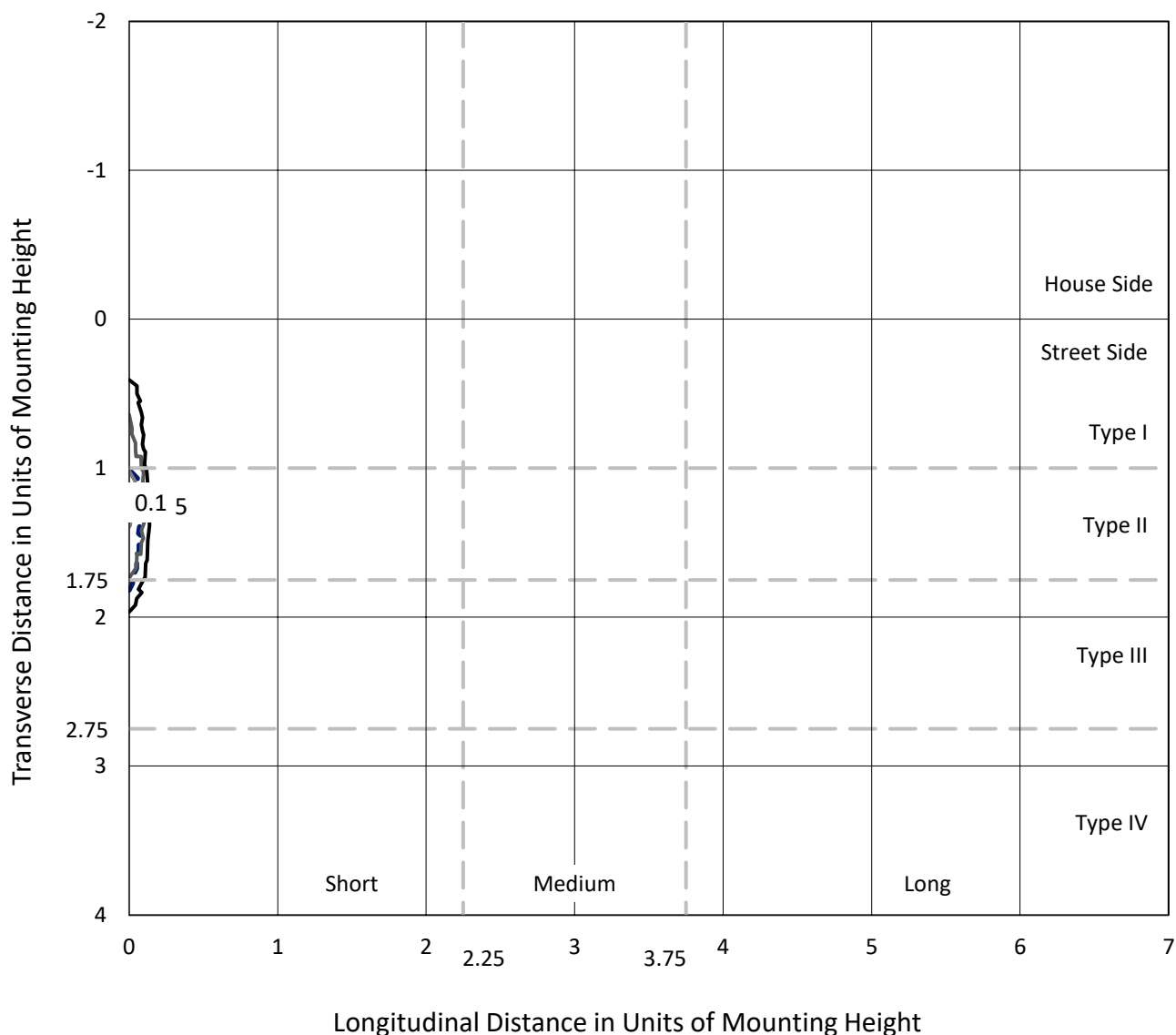
REPORT NUMBER: P1049247

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

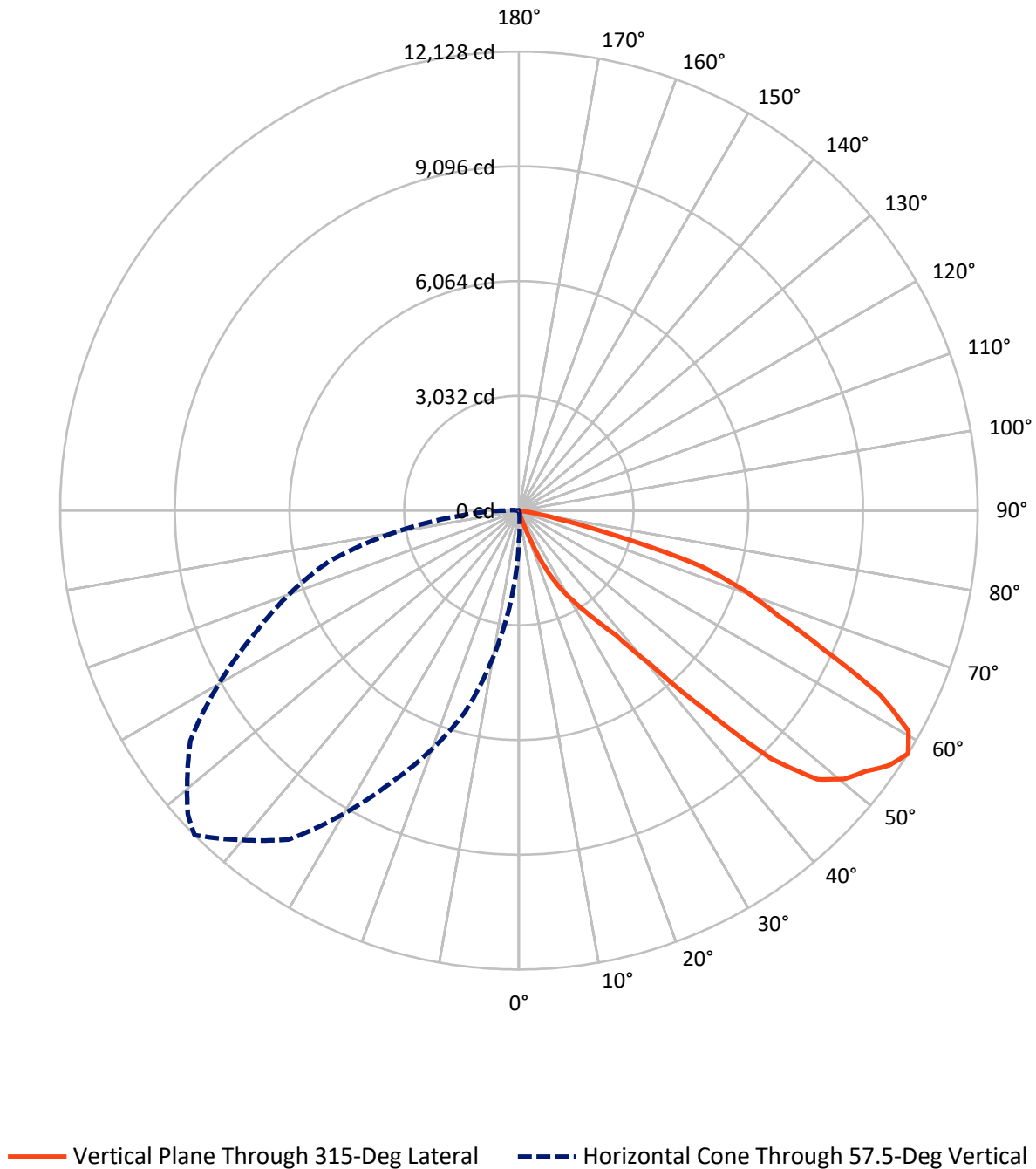


Based on 20 foot mounting height. Maximum calculated value = 0.7 fc

Type III - Short - N/A

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CATALOG NUMBER: GALN-SA1C-850-U-RBC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	23.7	0.0	23.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	4706.0	0.0	4706.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	4729.7	0.0	4729.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.9	0.0
10°-20°	10.4	0.2
20°-30°	112.1	2.4
30°-40°	331.5	7.0
40°-50°	987.9	20.9
50°-60°	1566.4	33.1
60°-70°	1307.5	27.6
70°-80°	403.2	8.5
80°-90°	9.0	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°	4729.7	100.0
0°-180°	4729.7	100.0



REPORT NUMBER: P1049247

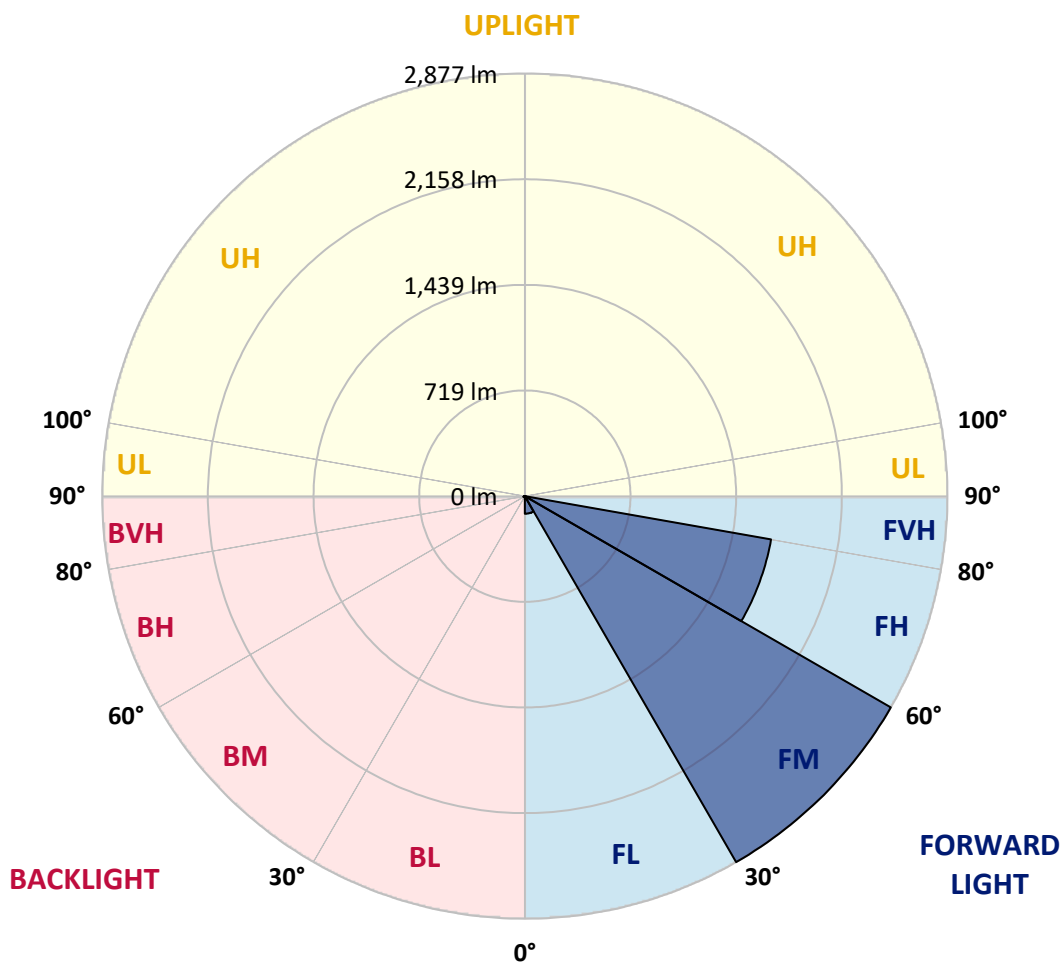
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	120.0	2.5			
FM	(30°-60°)	2877.2	60.8			
FH	(60°-80°)	1701.9	36.0			G1/1800
FVH	(80°-90°)	6.9	0.1			G0/10
BL	(0°-30°)	4.3	0.1	B0/110		
BM	(30°-60°)	8.5	0.2	B0/220		
BH	(60°-80°)	8.8	0.2	B0/110		G0/110
BVH	(80°-90°)	2.0	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



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
2.5°	18.9	18.9	18.9	18.9	18.6	18.6	18.2	18.2	17.9	17.9
5°	20.0	20.0	19.7	19.3	19.3	18.9	18.6	18.2	18.2	17.9
7.5°	21.8	21.4	21.1	20.7	20.0	19.7	18.9	18.6	18.2	17.5
10°	23.9	23.2	22.5	21.8	21.1	20.4	19.7	19.3	18.6	18.2
12.5°	26.8	25.7	24.3	23.2	22.5	21.4	20.7	20.0	18.9	18.2
15°	29.3	27.9	26.1	24.7	23.6	22.2	21.1	20.0	19.3	18.2
17.5°	32.9	30.4	27.5	25.7	24.3	22.5	20.7	19.7	18.6	17.2
20°	39.0	34.0	28.6	26.4	24.3	22.2	20.0	18.6	17.5	16.1
22.5°	48.6	40.0	31.5	28.2	25.4	22.2	19.3	17.9	16.4	15.0
25°	67.2	51.8	36.5	32.2	27.9	23.6	19.3	17.5	16.1	14.3
27.5°	89.4	66.5	43.2	37.2	31.5	25.4	19.3	17.2	15.4	13.2
30°	111.9	81.5	50.8	42.9	35.0	27.2	19.3	16.8	14.7	12.2
32.5°	133.3	95.4	57.2	47.9	38.6	29.0	19.7	16.8	13.9	11.1
35°	155.1	106.9	58.3	48.6	39.0	29.0	19.3	16.1	13.2	10.0
37.5°	183.0	119.7	56.1	46.5	37.2	27.5	18.2	15.4	12.5	9.3
40°	225.2	141.2	57.2	47.2	37.2	27.2	17.2	14.3	11.8	8.9
42.5°	303.1	182.6	61.8	50.4	39.0	27.2	15.7	13.2	11.1	8.6
45°	524.0	303.5	82.9	65.8	48.6	31.5	14.3	12.2	10.4	8.2
47.5°	866.7	507.9	149.0	115.1	81.5	47.5	13.9	12.2	10.4	8.2
50°	1106.2	646.9	187.6	144.4	101.2	57.9	14.7	12.5	10.7	8.6
52.5°	1104.4	656.9	209.1	160.5	112.2	63.6	15.4	13.2	11.4	9.3
55°	981.8	597.6	213.0	163.7	114.7	65.4	16.4	14.3	12.2	10.0
57.5°	820.6	507.5	194.4	150.5	106.9	62.9	18.9	16.4	14.3	11.8
60°	649.1	400.3	151.5	119.7	88.3	56.5	25.0	21.8	18.9	15.7
62.5°	448.2	290.2	132.2	106.2	80.4	54.3	28.6	25.4	22.5	19.3
65°	317.0	218.4	119.4	97.2	75.4	53.3	31.1	27.5	24.3	20.7
67.5°	237.0	173.7	110.1	91.1	72.2	53.3	34.3	30.0	26.1	21.8
70°	181.6	142.6	103.3	87.9	72.9	57.5	42.2	36.1	30.4	24.3
72.5°	148.0	121.9	95.4	84.4	73.3	62.2	51.1	43.2	35.4	27.2
75°	122.6	104.4	86.1	76.8	67.9	58.6	49.3	42.2	35.4	28.2
77.5°	81.5	74.3	66.8	61.5	56.1	50.4	45.0	39.0	33.2	27.2
80°	28.6	27.5	26.4	28.6	30.7	32.9	35.0	30.7	26.8	22.5
82.5°	4.3	3.9	3.6	3.9	4.3	4.6	5.0	5.4	5.7	6.1
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



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
0.0	2.5°	17.5	17.5	17.2	17.2	17.2	16.8	16.8	16.4	16.4	16.4
0.0	5°	17.2	17.2	16.8	16.4	16.1	16.1	15.7	15.4	15.4	15.0
0.0	7.5°	16.8	16.4	16.1	15.7	15.4	15.0	14.7	14.3	14.3	13.9
0.0	10°	17.2	16.4	16.1	15.4	15.0	14.7	13.9	13.6	13.2	13.2
0.0	12.5°	16.4	16.1	15.4	14.7	14.3	13.6	13.2	12.5	12.2	12.2
0.0	15°	16.4	15.7	14.7	13.9	13.2	12.9	12.2	11.4	11.1	10.7
0.0	17.5°	15.4	14.7	13.6	12.9	12.2	11.4	10.7	10.0	9.7	9.3
0.0	20°	13.9	13.2	12.2	11.1	10.4	9.7	8.9	8.2	7.9	7.5
0.0	22.5°	12.5	11.8	10.7	9.7	8.9	8.2	7.1	6.4	6.1	5.4
0.0	25°	11.8	10.7	9.7	8.6	7.5	6.8	5.7	4.6	3.9	3.2
0.0	27.5°	10.0	8.9	7.9	6.8	5.7	4.6	3.6	2.5	1.8	1.4
0.0	30°	8.6	7.5	6.4	5.4	3.9	2.9	1.8	0.4	0.4	0.4
0.0	32.5°	7.1	6.1	4.6	3.6	2.9	1.8	1.1	0.0	0.0	0.0
0.0	35°	5.7	4.6	3.2	2.1	1.8	1.1	0.7	0.0	0.0	0.0
0.0	37.5°	5.0	3.9	2.5	1.1	0.7	0.7	0.4	0.0	0.0	0.0
0.0	40°	4.6	3.2	1.8	0.4	0.4	0.4	0.0	0.0	0.0	0.0
0.0	42.5°	4.6	3.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	4.6	3.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	4.6	3.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	5.0	3.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	5.7	4.3	2.9	1.4	1.1	0.7	0.4	0.0	0.0	0.0
0.0	55°	7.1	6.4	5.4	4.6	3.6	2.5	1.1	0.0	0.0	0.0
0.0	57.5°	9.3	9.3	8.9	8.6	6.4	4.3	2.1	0.0	0.0	0.0
0.0	60°	12.5	12.5	12.5	12.5	9.3	6.4	3.2	0.0	0.0	0.0
0.0	62.5°	15.4	14.7	13.6	12.9	9.7	6.4	3.2	0.0	0.0	0.0
0.0	65°	15.4	13.9	12.2	10.4	7.9	5.4	2.5	0.0	0.0	0.0
0.0	67.5°	14.3	11.4	8.2	5.4	3.9	2.9	1.4	0.0	0.0	0.0
	70°	14.3	10.0	5.7	1.4	1.1	0.7	0.4	0.0	0.0	0.0
	72.5°	14.3	9.7	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	15.7	10.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	15.7	10.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	13.9	9.3	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	4.6	3.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
0.0	2.5°	16.1	16.1	16.1	15.7	15.7	15.7	15.7	15.4	15.4	15.4
0.0	5°	14.7	14.7	14.3	14.3	13.9	13.9	13.6	13.6	13.2	13.2
0.0	7.5°	13.6	13.2	13.2	12.9	12.5	12.5	12.2	12.2	11.8	11.4
0.0	10°	12.5	12.2	12.2	11.8	11.4	11.1	11.1	10.7	10.4	10.0
0.0	12.5°	11.4	11.1	10.7	10.4	10.0	9.7	9.7	9.3	8.9	8.6
0.0	15°	10.0	9.7	9.3	8.9	8.6	8.2	8.2	7.9	7.5	7.1
0.0	17.5°	8.6	8.2	8.2	7.9	7.5	7.1	6.8	6.1	5.7	5.4
0.0	20°	6.4	6.1	5.7	5.4	5.0	4.3	3.9	3.2	2.5	2.1
0.0	22.5°	4.3	3.6	3.2	2.5	1.8	1.4	1.1	0.4	0.0	0.0
0.0	25°	1.4	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA1C-850-U-RBC

[illegible]

REPORT NUMBER: P1049247

CATALOG NUMBER: GALN-SA1C-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°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
0.0	2.5°	15.0	15.0	15.0	14.7	14.7	14.7	14.7	14.7	14.7	14.7
0.0	5°	12.9	12.9	12.9	12.5	12.5	12.2	12.2	12.2	11.8	11.8
0.0	7.5°	11.1	10.7	10.7	10.4	10.4	10.0	10.0	10.0	9.7	9.7
0.0	10°	9.3	8.9	8.9	8.6	8.6	8.2	8.2	7.9	7.9	7.5
0.0	12.5°	8.2	7.9	7.5	7.1	7.1	6.8	6.4	6.4	6.1	5.7
0.0	15°	6.4	6.1	5.7	5.4	5.0	4.6	4.3	4.3	3.9	3.6
0.0	17.5°	4.3	3.6	3.2	2.9	2.9	2.5	2.1	1.8	1.4	1.1
0.0	20°	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049247

CATALOG NUMBER: GALN-SA1C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049247

CATALOG NUMBER: GALN-SA1C-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°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
0.0	2.5°	14.7	14.3	14.3	14.3	14.7	14.7	14.7	14.7	14.7	14.7
0.0	5°	11.8	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
0.0	7.5°	9.7	9.3	9.3	9.3	9.3	8.9	8.9	8.9	8.9	8.9
0.0	10°	7.5	7.1	7.1	7.1	7.1	6.8	6.8	6.8	6.8	6.8
0.0	12.5°	5.4	5.4	5.0	5.0	5.0	4.6	4.6	4.6	4.6	4.3
0.0	15°	3.2	2.9	2.5	2.5	2.5	2.1	2.1	2.1	2.1	1.8
0.0	17.5°	0.7	0.7	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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: P1049247

CATALOG NUMBER: GALN-SA1C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049247

CATALOG NUMBER: GALN-SA1C-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°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
0.0	2.5°	15.0	15.0	15.4	15.4	15.7	16.4	16.8	17.2	17.9	18.6
0.0	5°	11.8	12.2	12.2	12.5	12.9	13.2	13.6	13.9	14.7	15.4
0.0	7.5°	9.3	9.3	9.7	9.7	10.0	10.7	11.1	11.4	12.2	13.2
0.0	10°	7.1	7.1	7.5	7.5	7.9	8.6	8.9	9.3	10.0	11.1
0.0	12.5°	4.6	5.0	5.0	5.4	5.7	6.4	6.8	7.1	7.9	8.6
0.0	15°	2.1	2.5	2.5	2.9	3.2	3.9	4.3	4.6	5.4	6.4
0.0	17.5°	0.4	0.4	0.7	0.7	1.1	1.4	1.8	2.1	3.2	3.9
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.4
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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: P1049247

CATALOG NUMBER: GALN-SA1C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049247

CATALOG NUMBER: GALN-SA1C-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°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
0.0	2.5°	19.7	20.4	21.1	21.8	22.5	23.2	23.6	24.3	24.7	25.0
0.0	5°	16.8	17.5	18.6	19.3	20.0	20.7	21.4	21.8	22.2	22.5
0.0	7.5°	14.7	15.4	16.4	17.2	17.9	18.6	19.3	20.0	20.4	20.7
0.0	10°	12.5	13.6	14.3	15.4	16.1	16.8	17.5	18.2	18.9	19.3
0.0	12.5°	10.0	11.1	12.2	12.9	13.9	15.0	15.7	16.4	17.2	17.9
0.0	15°	7.9	8.9	10.0	10.7	11.8	12.9	13.9	14.7	15.4	16.1
0.0	17.5°	5.7	6.8	7.9	8.6	9.7	10.7	11.4	12.5	13.2	13.9
0.0	20°	2.9	3.9	5.0	6.1	7.1	8.2	8.9	10.0	10.7	11.4
0.0	22.5°	0.4	1.4	2.5	3.2	4.3	5.4	6.1	7.1	7.9	8.6
0.0	25°	0.0	0.4	1.1	1.4	1.8	2.5	3.2	3.9	4.6	5.4
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.4	2.1	2.9
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
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	0.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.7
	85°	0.0	0.0	0.0	0.0	0.0	0.7	1.1	1.8	2.1	2.5
	87.5°	0.0	0.4	0.7	1.1	1.4	2.1	2.9	3.6	3.9	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: P1049247

CATALOG NUMBER: GALN-SA1C-850-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
20.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	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											
0.4											
1.4											
3.2											
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REPORT NUMBER: P1049247

CATALOG NUMBER: GALN-SA1C-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°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
0.0	2.5°	25.4	25.4	25.4	25.4	25.0	25.0	25.0	24.7	24.7	24.3
0.0	5°	23.2	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.2	23.2
0.0	7.5°	21.4	21.8	22.2	22.2	22.5	22.5	22.5	22.2	22.2	21.8
0.0	10°	20.4	20.7	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1
0.0	12.5°	18.9	19.3	19.7	19.7	20.0	20.0	20.0	20.0	19.7	19.7
0.0	15°	17.2	17.9	18.2	18.6	18.6	18.9	18.9	18.9	18.9	18.9
0.0	17.5°	15.7	16.4	16.8	17.2	17.2	17.5	17.5	17.9	17.9	17.9
0.0	20°	12.9	13.6	13.9	14.7	15.0	15.4	15.7	16.1	16.1	16.4
0.0	22.5°	10.0	10.7	11.1	11.8	12.2	12.5	12.9	13.2	13.6	13.9
0.0	25°	7.1	7.9	8.2	8.9	9.3	9.7	10.0	10.4	10.4	10.7
0.0	27.5°	3.9	4.6	5.4	5.7	6.4	6.8	7.1	7.5	7.9	8.2
0.0	30°	1.8	2.1	2.5	3.2	3.6	3.9	4.3	5.0	5.4	5.7
0.0	32.5°	0.0	0.0	0.4	1.1	1.4	1.8	2.1	2.5	2.5	2.9
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.1	1.4
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°	0.7	0.7	0.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	82.5°	1.8	2.1	2.5	2.5	2.9	2.9	2.9	2.9	2.5	2.5
	85°	3.6	3.9	4.3	4.3	4.6	4.6	4.6	4.6	4.6	4.6
	87.5°	5.0	5.4	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1
	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: P1049247

CATALOG NUMBER: GALN-SA1C-850-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
20.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.9	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
8.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
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REPORT NUMBER: P1049247

CATALOG NUMBER: GALN-SA1C-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°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
0.0	2.5°	23.9	23.9	23.6	23.6	23.6	23.6	23.6	23.9	24.3	24.3
0.0	5°	22.9	22.9	22.5	22.5	22.5	22.9	22.9	23.2	23.6	23.9
0.0	7.5°	21.8	21.4	21.4	21.8	21.8	22.2	22.2	22.5	22.9	23.2
0.0	10°	21.1	20.7	20.7	20.7	21.1	21.1	21.4	21.8	22.2	22.5
0.0	12.5°	19.7	19.7	19.7	19.7	20.0	20.0	20.4	20.7	21.4	21.8
0.0	15°	18.9	18.6	18.6	18.6	18.6	18.9	18.9	19.7	20.4	20.7
0.0	17.5°	17.5	17.5	17.2	17.2	17.5	17.5	17.9	18.6	19.3	19.7
0.0	20°	16.1	15.7	15.4	15.4	15.7	15.7	16.1	16.8	17.5	17.9
0.0	22.5°	13.9	13.6	13.6	13.6	13.6	13.9	13.9	14.7	15.7	16.4
0.0	25°	11.1	11.4	11.4	11.8	11.8	12.2	12.5	13.2	14.3	15.0
0.0	27.5°	8.6	8.9	8.9	9.7	10.0	10.4	10.7	11.8	12.9	13.6
0.0	30°	6.4	6.8	7.1	7.5	8.2	8.9	9.7	10.7	11.8	12.5
0.0	32.5°	3.9	4.6	5.0	5.7	6.4	7.1	7.9	8.9	10.4	11.4
0.0	35°	2.9	3.2	3.9	4.3	5.0	5.7	6.4	7.9	8.9	10.4
0.0	37.5°	1.4	2.1	2.9	3.6	4.3	5.0	5.7	7.1	8.6	9.7
0.0	40°	1.1	1.8	2.1	2.9	3.9	4.6	5.4	6.8	8.2	9.7
0.0	42.5°	0.7	1.1	1.4	2.5	3.2	4.3	5.4	6.8	8.2	9.7
0.0	45°	0.7	0.7	1.1	2.1	3.2	4.6	5.7	7.1	8.2	9.7
0.0	47.5°	0.7	1.1	1.4	2.9	3.6	4.6	5.7	6.8	8.2	9.3
0.0	50°	1.1	1.4	1.8	3.2	3.9	5.0	5.7	7.1	8.2	9.7
0.0	52.5°	0.7	1.1	1.4	2.9	3.9	5.4	6.4	7.9	9.3	10.4
0.0	55°	0.4	0.4	0.4	2.1	4.3	6.1	8.2	9.3	10.7	11.8
0.0	57.5°	0.0	0.0	0.0	1.4	4.3	6.8	9.3	10.7	12.2	13.2
0.0	60°	0.0	0.0	0.0	1.4	4.3	6.8	9.3	11.1	12.9	14.7
0.0	62.5°	0.0	0.0	0.0	1.4	3.6	5.7	7.9	10.7	13.9	16.8
0.0	65°	0.0	0.0	0.0	1.1	2.9	4.6	6.4	10.7	15.0	18.9
0.0	67.5°	0.0	0.0	0.0	1.1	2.9	4.3	6.1	10.7	15.0	19.7
	70°	0.0	0.0	0.0	1.1	2.9	4.6	6.4	10.7	15.0	19.3
	72.5°	0.0	0.0	0.0	1.1	3.2	5.0	7.1	10.7	14.3	17.9
	75°	0.0	0.0	0.0	1.4	3.2	5.4	7.5	10.7	13.9	16.8
	77.5°	0.0	0.0	0.0	1.1	3.2	5.0	7.1	10.4	13.6	16.4
	80°	1.1	0.7	0.7	1.8	3.2	4.6	6.1	9.3	12.9	16.1
	82.5°	2.1	2.1	1.8	2.5	3.2	4.3	5.4	8.2	11.4	14.3
	85°	4.3	4.3	3.9	4.3	4.3	4.6	5.0	6.4	7.9	9.3
	87.5°	5.7	5.7	5.4	5.4	5.4	5.0	5.0	5.0	5.0	4.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049247

CATALOG NUMBER: GALN-SA1C-850-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
20.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6											
21.4											
20.0											
19.7											
19.3											
17.2											
10.7											
4.6											
0.0											
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REPORT NUMBER: P1049247

CATALOG NUMBER: GALN-SA1C-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°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
0.0	2.5°	25.0	25.4	25.4	25.7	26.1	26.4	26.4	26.8	26.8	26.8
0.0	5°	24.7	25.4	25.7	26.1	26.4	26.8	27.2	27.5	27.9	27.9
0.0	7.5°	24.3	24.7	25.4	25.7	26.4	26.8	27.5	27.9	28.2	28.6
0.0	10°	23.6	24.3	25.0	25.7	26.4	27.2	27.9	28.6	29.3	29.7
0.0	12.5°	22.9	23.9	24.7	25.4	26.4	27.5	28.2	29.3	30.0	30.7
0.0	15°	22.5	23.2	24.3	25.0	26.4	27.9	29.0	30.4	31.8	32.9
0.0	17.5°	21.4	22.9	23.9	25.0	26.4	28.2	29.7	31.1	33.2	35.4
0.0	20°	20.0	21.1	22.5	23.6	25.7	27.5	29.7	31.5	34.7	37.9
0.0	22.5°	18.6	20.0	21.1	22.5	25.0	27.2	29.7	31.8	37.2	42.2
0.0	25°	17.2	18.9	20.4	21.8	24.7	27.5	30.4	33.2	42.2	51.1
0.0	27.5°	16.4	17.9	19.7	21.1	24.7	28.6	32.2	35.7	50.0	64.0
0.0	30°	15.4	17.2	18.6	20.4	25.0	29.7	34.3	39.0	60.8	82.6
0.0	32.5°	14.3	16.1	17.9	19.7	25.7	31.8	37.5	43.6	72.2	100.4
0.0	35°	13.2	15.4	17.2	18.9	26.8	35.0	42.9	50.8	82.6	114.0
0.0	37.5°	12.9	15.0	16.8	18.6	27.2	35.4	44.0	52.2	83.6	115.1
0.0	40°	13.2	15.0	17.2	18.9	26.1	33.2	40.0	47.2	80.1	112.6
0.0	42.5°	13.2	15.4	17.5	19.7	25.4	31.1	36.8	42.5	79.0	115.4
0.0	45°	12.9	15.0	17.2	19.3	24.7	29.7	35.0	40.0	85.4	130.5
0.0	47.5°	12.5	14.7	16.8	18.9	24.3	29.7	35.0	40.4	110.4	180.1
0.0	50°	12.5	14.7	16.4	18.2	24.7	31.5	37.9	44.3	160.8	277.0
0.0	52.5°	13.2	15.0	16.4	17.9	25.4	33.2	40.7	48.3	204.4	360.3
0.0	55°	14.3	15.4	16.8	17.9	27.2	36.1	45.4	54.3	217.7	381.0
0.0	57.5°	15.7	16.8	17.9	18.9	30.4	41.8	52.9	64.3	218.7	372.8
0.0	60°	17.5	18.9	20.0	21.1	33.2	45.7	57.9	70.1	198.0	325.6
0.0	62.5°	21.4	23.2	24.7	26.4	38.2	49.7	61.5	72.9	164.4	255.9
0.0	65°	24.7	26.1	27.5	29.0	40.4	52.2	63.6	75.1	139.4	203.7
0.0	67.5°	25.4	26.8	27.9	29.3	41.1	52.9	64.3	76.1	119.4	162.3
	70°	25.7	27.5	29.7	31.5	43.6	55.8	67.6	79.7	105.8	131.9
	72.5°	24.7	28.2	31.5	34.7	46.1	57.2	68.6	79.7	98.3	116.9
	75°	24.7	29.7	34.3	39.0	47.5	55.8	64.3	72.6	86.9	101.2
	77.5°	26.1	32.5	39.0	45.4	50.4	55.0	60.0	64.7	74.0	83.3
	80°	26.1	32.9	39.3	46.1	48.3	50.8	52.9	55.0	56.1	57.2
	82.5°	22.5	27.9	33.2	38.6	36.1	33.6	31.1	28.6	26.8	24.7
	85°	11.4	12.5	13.2	13.9	12.9	11.8	10.7	9.7	8.9	7.9
	87.5°	4.6	4.6	4.3	4.3	4.3	4.3	3.9	3.9	3.9	3.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049247

CATALOG NUMBER: GALN-SA1C-850-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
20.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
203.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
221.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
239.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
275.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
347.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
529.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
810.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1020.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1043.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
941.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
804.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
629.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
475.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
351.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
248.4											
184.8											
134.4											
101.2											
56.8											
25.7											
7.5											
3.6											
0.0											
0.0											
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REPORT NUMBER: P1049247

CATALOG NUMBER: GALN-SA1C-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°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
0.0	2.5°	26.8	26.4	26.4	26.1	25.7	25.4	25.0	24.7	24.3	23.9
0.0	5°	27.9	27.9	27.9	27.5	27.5	27.2	27.2	26.8	26.4	26.1
0.0	7.5°	29.0	29.3	29.3	29.7	29.7	29.7	29.7	29.3	29.3	29.3
0.0	10°	30.7	31.1	31.5	31.8	32.2	32.5	32.5	32.9	32.9	32.9
0.0	12.5°	32.9	34.0	34.7	35.7	36.5	37.5	38.2	39.3	40.0	40.7
0.0	15°	36.1	37.9	40.0	41.8	43.6	46.1	49.0	51.5	54.0	57.9
0.0	17.5°	40.7	46.5	52.2	57.5	63.3	75.8	88.3	100.4	112.9	131.2
0.0	20°	49.7	66.8	83.6	100.8	117.6	161.6	205.2	249.1	292.7	339.6
0.0	22.5°	69.7	111.9	154.0	196.2	238.4	330.3	421.8	513.6	605.1	712.7
0.0	25°	101.2	178.7	256.3	333.5	411.0	554.7	698.8	842.4	986.1	1125.9
0.0	27.5°	147.3	265.9	384.6	502.9	621.6	816.4	1011.5	1206.3	1401.1	1559.1
0.0	30°	204.1	364.9	525.8	686.6	847.4	1069.0	1290.6	1511.9	1733.5	1906.1
0.0	32.5°	257.7	454.6	651.6	848.2	1045.1	1297.4	1550.1	1802.5	2054.8	2243.5
0.0	35°	292.7	530.8	769.2	1007.2	1245.3	1518.3	1791.4	2064.1	2337.2	2552.7
0.0	37.5°	327.8	602.6	877.1	1152.0	1426.5	1726.3	2026.2	2326.1	2626.0	2892.3
0.0	40°	367.1	689.5	1011.5	1333.9	1655.9	2011.2	2366.1	2721.4	3076.3	3452.0
0.0	42.5°	435.3	833.5	1232.0	1630.2	2028.4	2498.4	2968.4	3438.0	3908.0	4444.2
0.0	45°	563.7	1124.8	1686.3	2247.5	2808.6	3431.2	4054.2	4676.9	5299.5	6012.9
0.0	47.5°	877.8	1649.9	2421.5	3193.6	3965.2	4637.5	5309.5	5981.8	6653.8	7364.3
0.0	50°	1343.2	2241.7	3140.3	4038.5	4937.1	5545.4	6153.4	6761.7	7369.7	8045.6
0.0	52.5°	1679.9	2616.0	3552.4	4488.5	5424.6	5973.6	6522.9	7071.9	7620.9	8252.5
0.0	55°	1705.3	2636.0	3567.1	4497.8	5428.5	5980.0	6531.5	7083.0	7634.5	8304.0
0.0	57.5°	1509.7	2433.0	3355.8	4279.0	5201.9	5829.9	6457.5	7085.5	7713.2	8436.9
0.0	60°	1284.2	2207.8	3131.0	4054.6	4977.8	5701.2	6425.0	7148.4	7871.8	8549.9
0.0	62.5°	1001.9	1951.9	2902.3	3852.3	4802.3	5536.8	6271.3	7005.5	7740.0	8248.6
0.0	65°	746.7	1669.2	2591.7	3513.8	4436.3	5024.6	5612.9	6200.9	6789.2	7104.1
0.0	67.5°	539.7	1335.3	2130.6	2926.2	3721.5	4142.5	4563.6	4984.2	5405.3	5646.2
	70°	364.9	916.1	1466.9	2018.0	2568.8	2914.8	3261.1	3607.1	3953.1	4278.3
	72.5°	252.7	562.2	872.1	1181.6	1491.2	1839.3	2187.1	2535.2	2883.0	3227.2
	75°	167.6	308.5	449.6	590.5	731.3	989.0	1247.0	1504.7	1762.4	1967.6
	77.5°	119.0	161.2	203.7	245.9	288.1	336.3	384.9	433.2	481.4	554.7
	80°	56.5	61.8	67.2	72.2	77.6	95.1	112.6	130.1	147.6	166.2
	82.5°	26.8	29.0	31.1	32.9	35.0	36.8	38.6	40.4	42.2	40.4
	85°	7.1	7.1	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.1
	87.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.9	2.9	2.5
	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: P1049247

CATALOG NUMBER: GALN-SA1C-850-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
20.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
386.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
820.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1265.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1717.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2079.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2432.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2768.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3158.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3827.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4980.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6726.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8074.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8721.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8884.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8973.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9160.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9227.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8757.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7419.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5887.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4603.2											
3571.4											
2172.8											
628.0											
184.8											
38.2											
6.8											
2.5											
0.0											
0.0											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049247

CATALOG NUMBER: GALN-SA1C-850-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
0.0	2.5°	23.2	22.9	22.5	22.2	21.8	21.1	21.1	20.7	20.7
0.0	5°	25.4	25.0	24.7	24.3	24.3	23.9	23.6	23.6	23.2
0.0	7.5°	29.0	28.6	28.2	27.9	27.9	27.5	27.5	27.2	27.2
0.0	10°	33.2	33.2	33.2	33.2	33.2	32.9	32.9	32.9	32.5
0.0	12.5°	41.8	42.2	42.9	43.6	44.7	44.7	44.7	44.3	44.3
0.0	15°	66.1	70.1	72.9	75.8	78.3	84.0	83.3	82.2	81.5
0.0	17.5°	167.3	185.1	194.8	204.1	213.7	240.2	235.9	231.6	227.7
0.0	20°	433.6	480.4	511.5	542.6	574.0	623.7	611.5	599.4	587.2
0.0	22.5°	927.5	1035.1	1081.9	1128.7	1175.2	1235.2	1196.3	1157.3	1118.7
0.0	25°	1405.0	1544.8	1623.8	1702.8	1781.4	1815.7	1764.9	1713.8	1663.1
0.0	27.5°	1875.0	2033.0	2102.7	2172.0	2241.7	2313.6	2250.7	2187.4	2124.5
0.0	30°	2251.8	2424.4	2499.8	2574.9	2650.3	2700.3	2635.3	2569.9	2504.8
0.0	32.5°	2621.3	2810.0	2892.6	2975.2	3057.4	3129.2	3049.2	2968.7	2888.7
0.0	35°	2983.4	3198.9	3312.6	3426.2	3539.9	3606.7	3511.7	3416.2	3321.2
0.0	37.5°	3425.2	3691.4	3818.7	3945.9	4073.2	4195.1	4090.3	3985.2	3880.5
0.0	40°	4203.3	4578.9	4774.1	4969.6	5164.7	5322.0	5189.8	5057.5	4925.3
0.0	42.5°	5516.4	6052.6	6333.1	6613.4	6893.9	7139.5	7000.5	6861.4	6722.4
0.0	45°	7439.7	8153.1	8495.2	8836.9	9178.9	9358.4	9158.2	8957.7	8757.5
0.0	47.5°	8785.1	9495.6	9800.1	10104.7	10409.2	10614.0	10369.1	10124.3	9879.8
0.0	50°	9397.0	10072.8	10378.4	10683.7	10989.3	11151.9	10869.2	10586.1	10303.4
0.0	52.5°	9515.3	10146.8	10511.4	10876.3	11240.9	11458.2	11124.4	10790.2	10456.4
0.0	55°	9643.2	10312.7	10735.5	11158.7	11581.5	11882.5	11505.0	11127.2	10749.8
0.0	57.5°	9884.1	10607.9	11029.7	11451.1	11872.8	12128.4	11749.9	11371.0	10992.5
0.0	60°	9905.6	10583.2	10945.7	11308.5	11670.9	11831.7	11469.6	11107.2	10745.2
0.0	62.5°	9266.1	9774.8	10026.4	10278.0	10529.6	10704.4	10326.6	9948.5	9570.7
0.0	65°	7734.2	8049.1	8249.6	8450.2	8650.7	8859.0	8513.1	8167.1	7821.1
0.0	67.5°	6128.3	6369.2	6633.4	6897.5	7161.7	7384.3	7107.3	6830.0	6553.0
	70°	4928.5	5253.4	5550.4	5847.4	6144.4	6326.7	6048.6	5770.2	5492.1
	72.5°	3915.6	4259.7	4507.8	4755.5	5003.5	5048.2	4843.8	4639.3	4435.2
	75°	2377.6	2582.7	2587.7	2592.4	2597.4	2639.9	2470.5	2301.1	2132.0
	77.5°	701.3	774.5	834.9	895.0	955.4	1028.3	966.1	903.6	841.4
	80°	203.0	221.6	237.3	252.7	268.4	259.1	244.5	229.8	215.2
	82.5°	36.5	34.3	34.0	33.6	33.6	31.8	29.0	26.1	23.2
	85°	6.4	6.1	5.7	5.4	5.0	4.6	3.9	3.6	2.9
	87.5°	2.1	1.8	1.4	1.1	1.1	0.4	0.4	0.4	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049247

CATALOG NUMBER: GALN-SA1C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049247

CATALOG NUMBER: GALN-SA1C-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°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
0.0	0.0	2.5°	20.4	20.0	20.0	20.0	20.0	19.7	19.7	19.7	19.7
0.0	0.0	5°	22.5	22.5	22.2	22.2	21.8	21.8	21.4	21.4	21.1
0.0	0.0	7.5°	26.4	26.1	25.7	25.4	25.0	24.3	23.9	23.6	23.6
0.0	0.0	10°	31.8	31.1	30.7	30.0	29.7	29.0	28.2	27.5	26.8
0.0	0.0	12.5°	41.8	40.4	39.3	37.9	36.5	35.4	34.0	32.9	31.5
0.0	0.0	15°	72.6	69.0	65.1	60.4	55.4	50.8	45.7	42.9	39.7
0.0	0.0	17.5°	185.5	166.9	148.0	132.6	117.2	102.2	86.9	75.8	64.7
0.0	0.0	20°	472.2	420.7	369.2	318.5	267.4	216.6	165.5	139.8	114.0
0.0	0.0	22.5°	888.5	793.1	697.3	604.8	511.8	419.3	326.7	268.4	210.5
0.0	0.0	25°	1371.4	1251.3	1131.2	979.0	826.4	674.1	521.8	427.1	332.4
0.0	0.0	27.5°	1784.6	1646.3	1508.0	1322.8	1137.7	952.5	767.4	626.2	485.4
0.0	0.0	30°	2142.4	1993.7	1845.0	1629.5	1414.0	1198.4	982.9	806.3	629.8
0.0	0.0	32.5°	2452.6	2274.6	2096.6	1874.3	1652.0	1429.7	1207.4	990.8	774.2
0.0	0.0	35°	2810.4	2602.7	2394.7	2148.1	1901.1	1654.5	1407.9	1163.4	918.6
0.0	0.0	37.5°	3265.0	3010.2	2755.0	2480.1	2205.3	1930.8	1655.9	1376.4	1096.9
0.0	0.0	40°	4135.4	3806.5	3477.7	3128.5	2779.0	2429.7	2080.5	1737.4	1394.3
0.0	0.0	42.5°	5694.8	5250.5	4806.2	4341.6	3876.6	3411.9	2946.9	2463.0	1978.7
0.0	0.0	45°	7454.7	6903.6	6352.1	5830.6	5308.8	4787.3	4265.8	3601.7	2937.6
0.0	0.0	47.5°	8444.4	7849.3	7254.2	6760.6	6267.0	5773.4	5279.8	4563.9	3848.0
0.0	0.0	50°	8808.6	8202.8	7597.0	7142.7	6688.1	6233.8	5779.1	5062.2	4344.8
0.0	0.0	52.5°	8886.2	8268.2	7650.2	7193.1	6736.0	6279.2	5822.0	5109.7	4397.4
0.0	0.0	55°	9045.6	8382.6	7719.2	7198.1	6677.0	6155.9	5634.7	4911.0	4187.2
0.0	0.0	57.5°	9254.0	8574.2	7894.4	7300.7	6707.0	6113.7	5520.0	4728.7	3937.4
0.0	0.0	60°	9199.3	8607.8	8015.9	7380.0	6743.8	6108.0	5471.8	4601.4	3730.8
0.0	0.0	62.5°	8250.0	7778.9	7307.5	6784.6	6261.3	5738.4	5215.5	4319.4	3423.4
0.0	0.0	65°	6787.1	6443.2	6099.4	5678.7	5257.7	4837.0	4416.3	3612.8	2809.7
0.0	0.0	67.5°	5500.7	5113.3	4725.5	4390.2	4054.6	3719.3	3383.7	2751.4	2119.2
		70°	4370.2	3948.8	3527.0	3199.6	2871.9	2544.5	2217.1	1796.8	1376.8
		72.5°	3470.6	3090.6	2710.7	2361.5	2011.9	1662.7	1313.2	1064.8	816.4
		75°	1658.8	1506.9	1355.0	1172.3	989.7	807.1	624.4	516.1	408.2
		77.5°	614.8	532.9	450.7	376.4	302.0	228.0	153.7	140.8	128.0
		80°	159.1	138.7	117.9	103.3	88.3	73.6	59.0	53.3	47.9
		82.5°	18.2	16.8	15.7	15.0	13.9	13.2	12.2	11.1	10.0
		85°	1.1	0.7	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: P1049247
CATALOG NUMBER: GALN-SA1C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049247

CATALOG NUMBER: GALN-SA1C-850-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	20.7	20.7
0.0	0.0	2.5°	19.3	18.9
0.0	0.0	5°	20.4	20.0
0.0	0.0	7.5°	22.5	21.8
0.0	0.0	10°	24.7	23.9
0.0	0.0	12.5°	27.9	26.8
0.0	0.0	15°	31.5	29.3
0.0	0.0	17.5°	37.5	32.9
0.0	0.0	20°	50.8	39.0
0.0	0.0	22.5°	71.5	48.6
0.0	0.0	25°	105.1	67.2
0.0	0.0	27.5°	146.2	89.4
0.0	0.0	30°	194.4	111.9
0.0	0.0	32.5°	237.0	133.3
0.0	0.0	35°	292.4	155.1
0.0	0.0	37.5°	360.6	183.0
0.0	0.0	40°	466.4	225.2
0.0	0.0	42.5°	656.9	303.1
0.0	0.0	45°	1066.9	524.0
0.0	0.0	47.5°	1641.6	866.7
0.0	0.0	50°	2008.4	1106.2
0.0	0.0	52.5°	2038.4	1104.4
0.0	0.0	55°	1860.7	981.8
0.0	0.0	57.5°	1587.7	820.6
0.0	0.0	60°	1319.6	649.1
0.0	0.0	62.5°	1039.7	448.2
0.0	0.0	65°	759.9	317.0
0.0	0.0	67.5°	545.8	237.0
		70°	358.9	181.6
		72.5°	233.8	148.0
		75°	157.3	122.6
		77.5°	91.9	81.5
		80°	32.5	28.6
		82.5°	6.1	4.3
		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: P1049247

CATALOG NUMBER: GALN-SA1C-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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

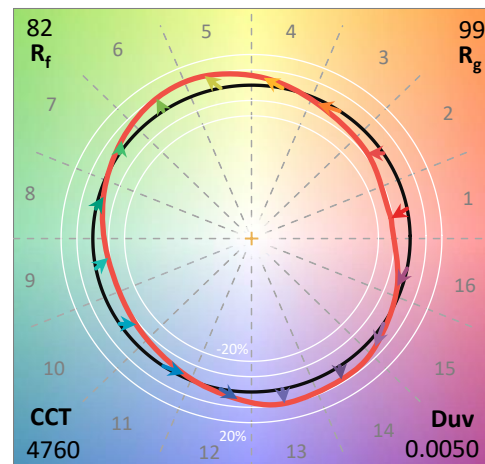
Test Information

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

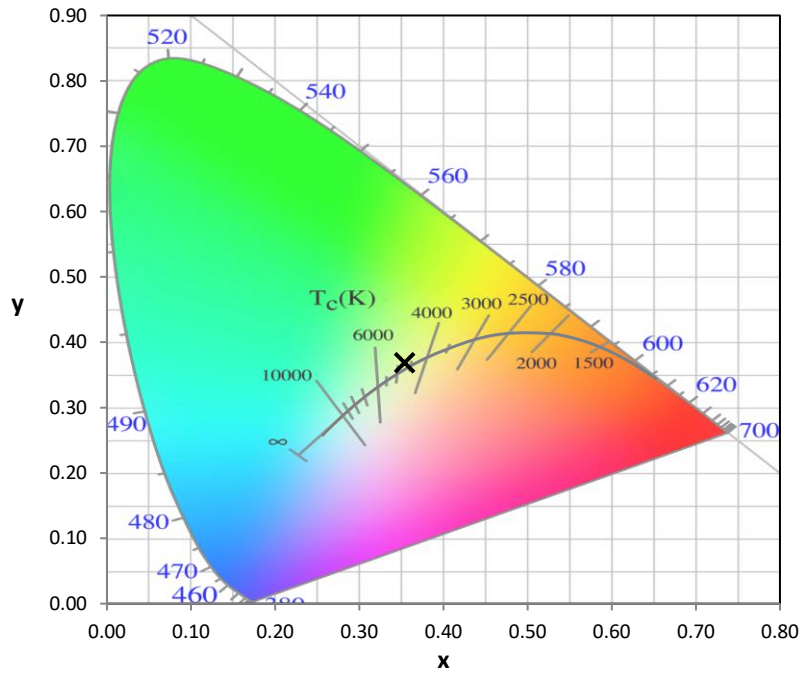
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-12

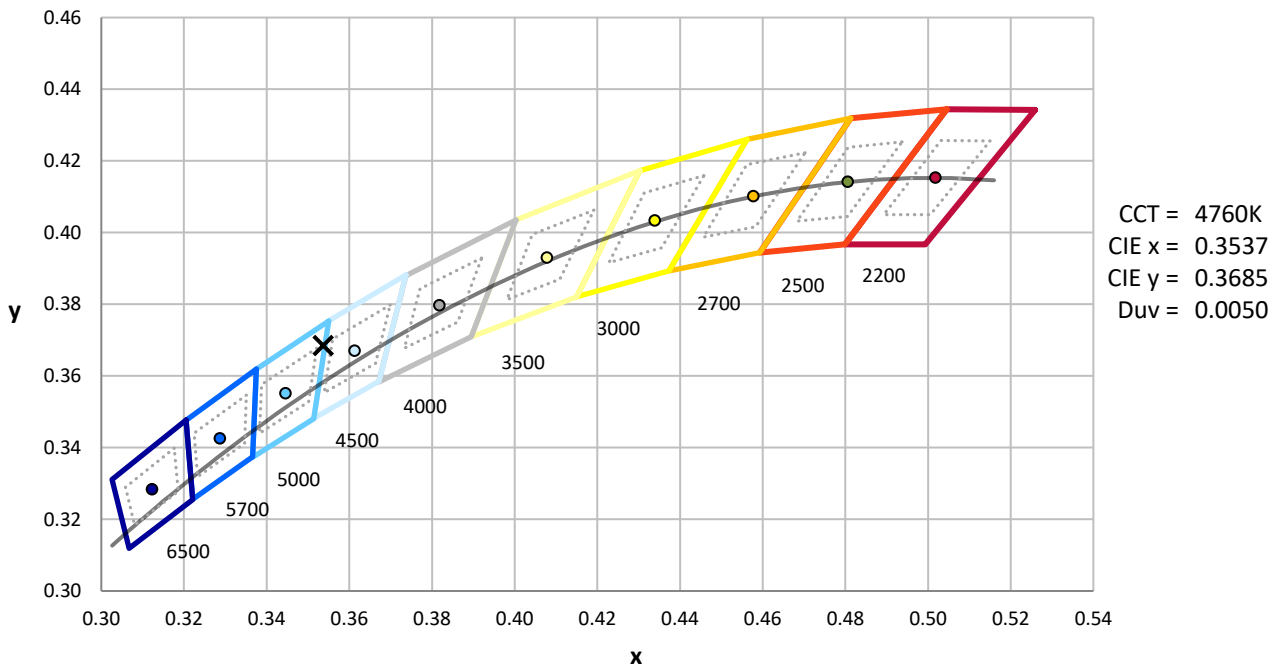
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



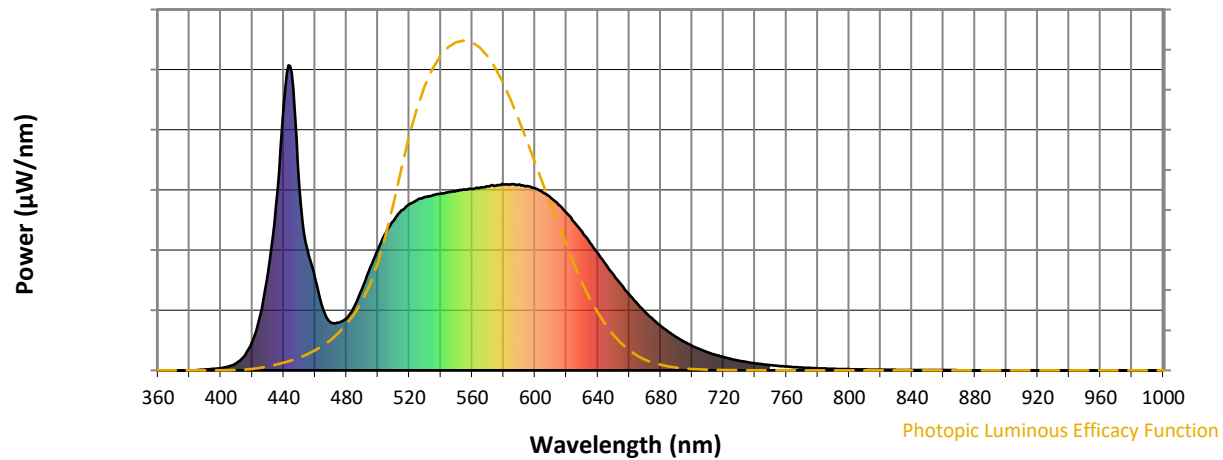
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

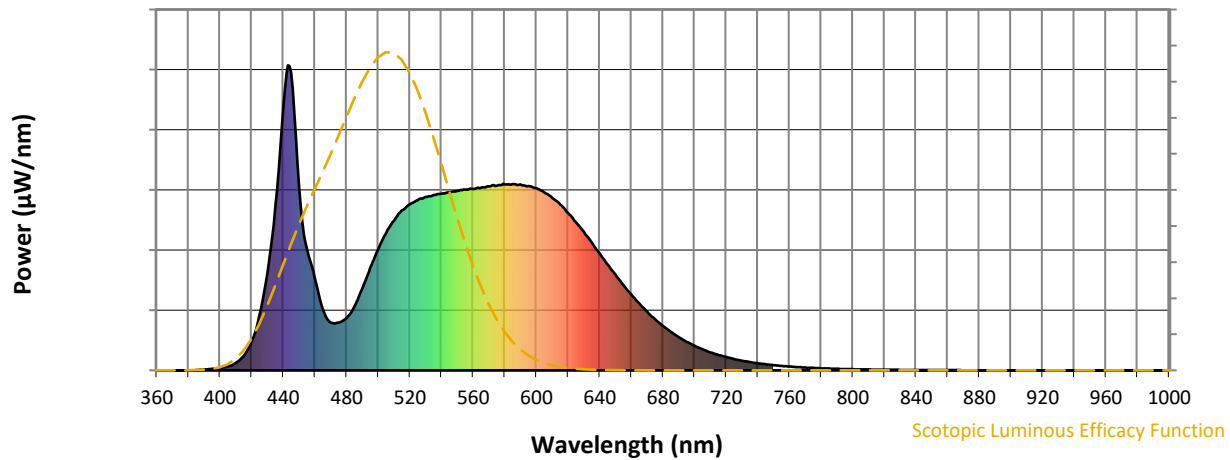


Photopic Lumens: NR

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



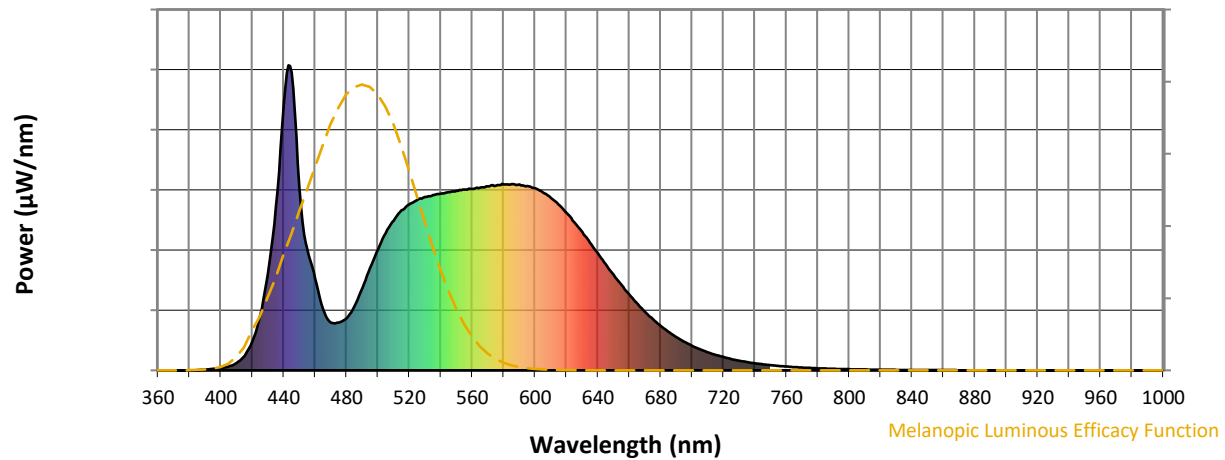
Scotopic Lumens: NR

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

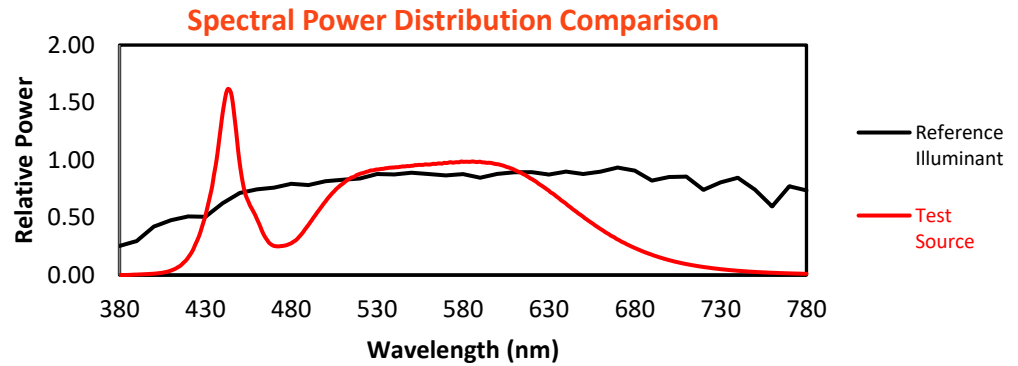
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	270	NR	620	517	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

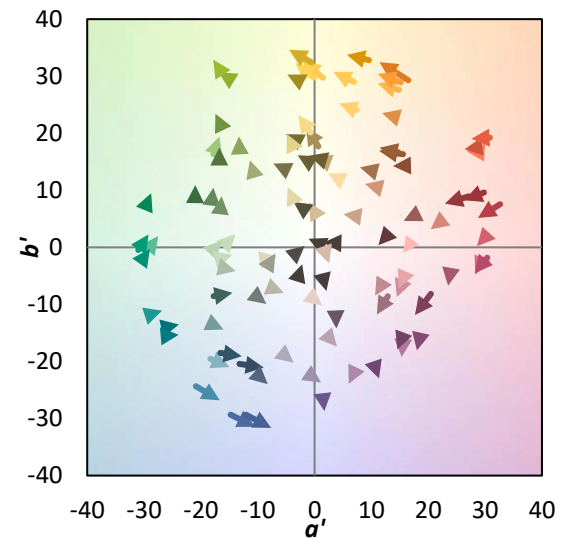
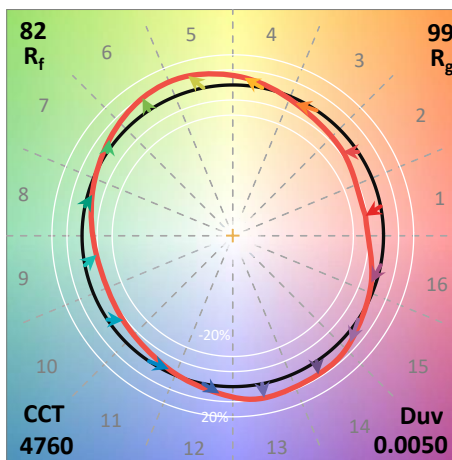
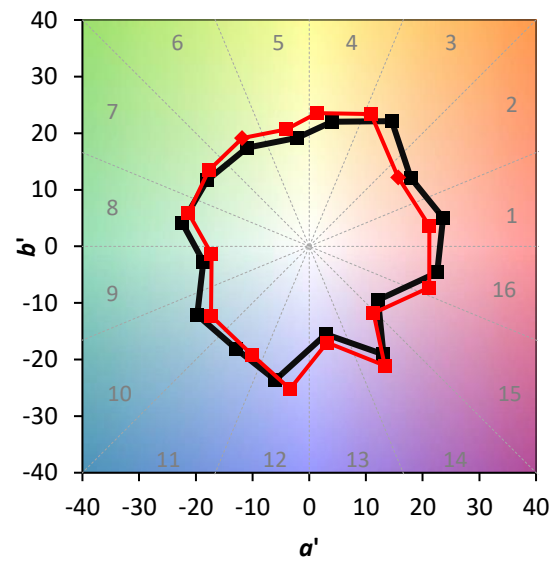
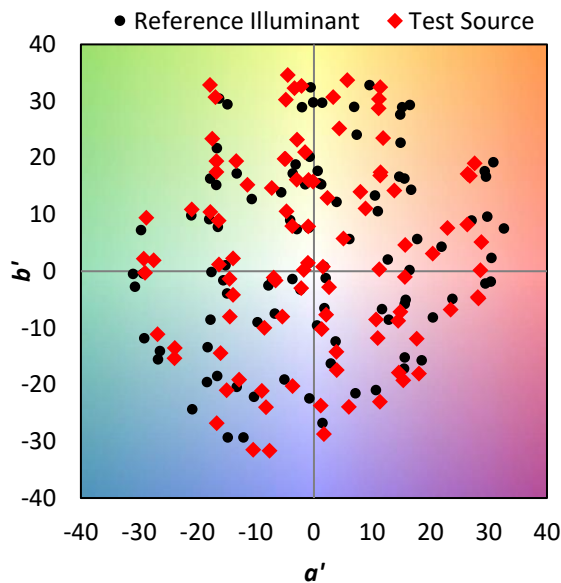
TM-30-18

Summary

$R_f = 82$
 $R_g = 99.4$
 $CIE R_a = 81.1$
 $R_9 = 8.7$

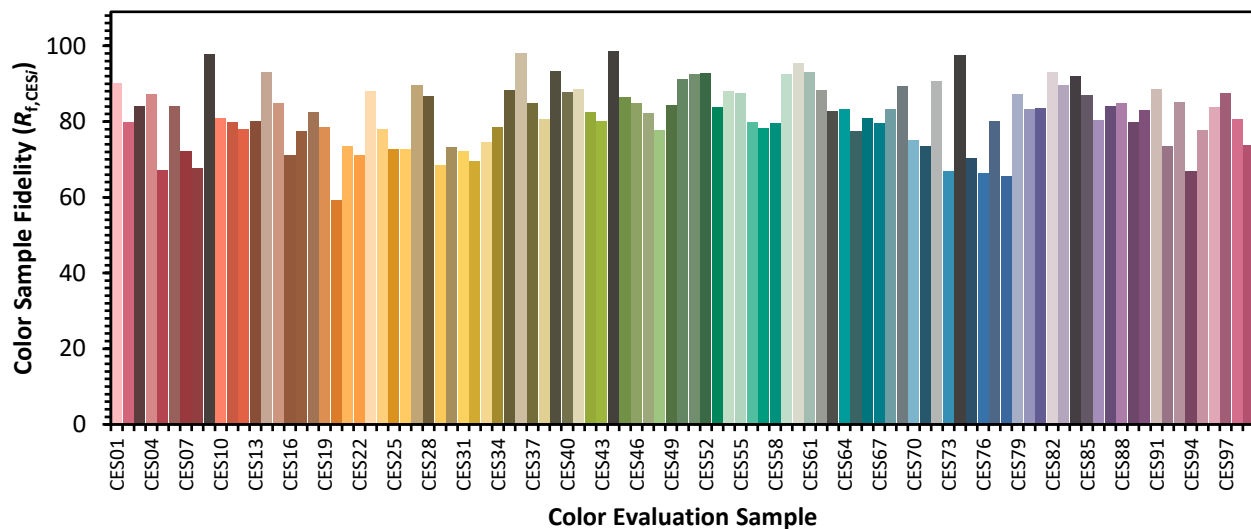


Color Vector Graphics

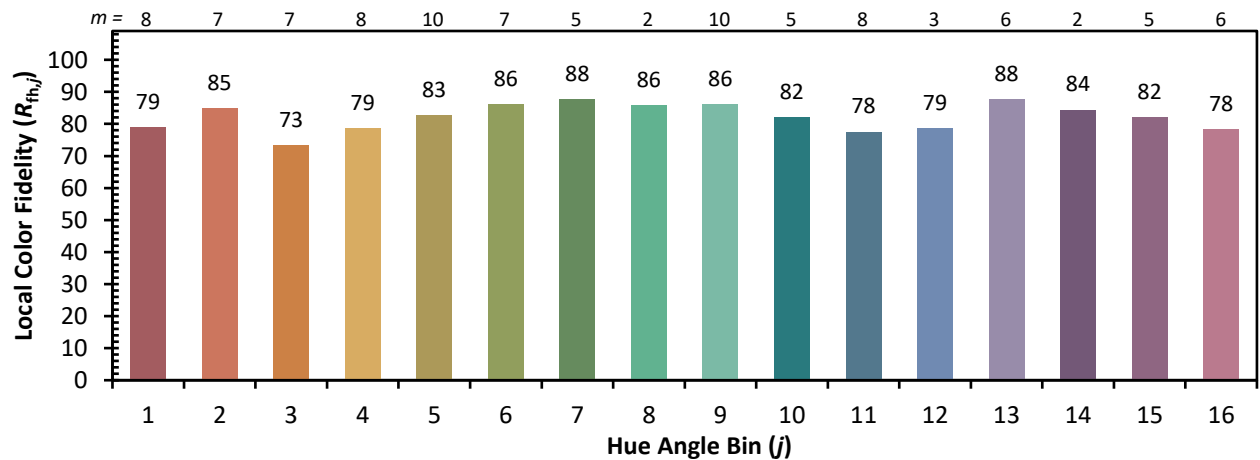
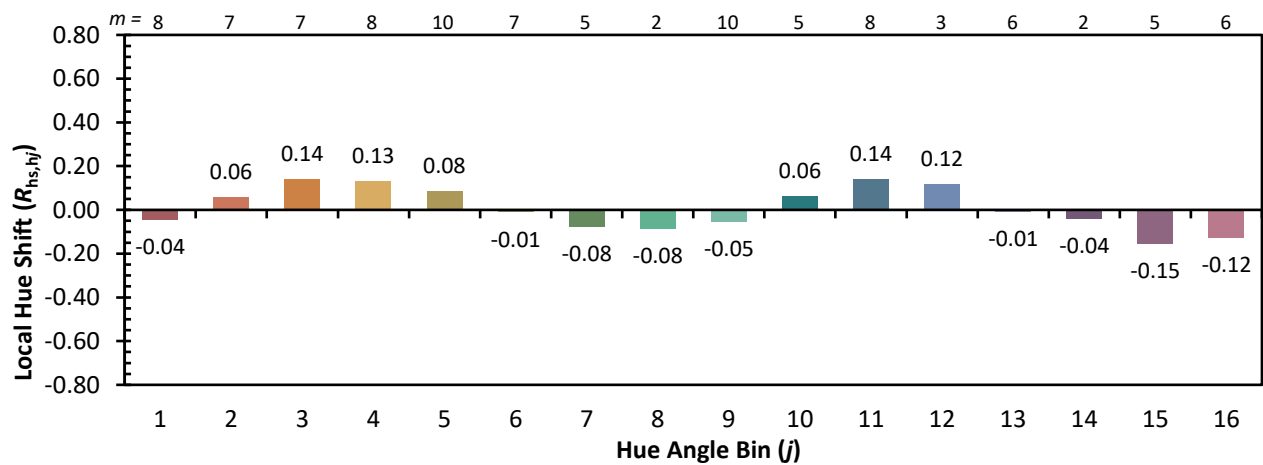
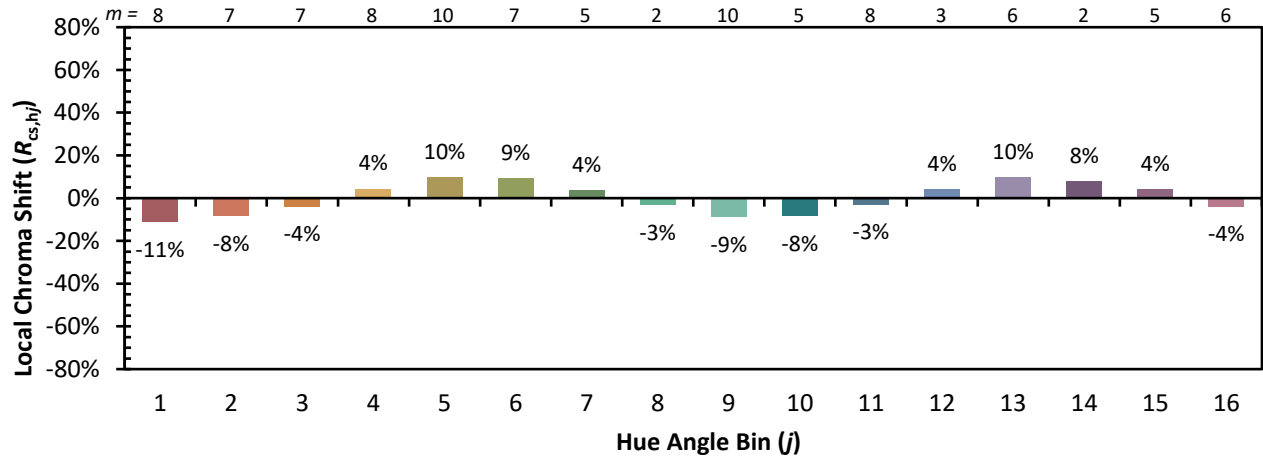


Individual Sample Fidelity Index ($R_{f,i}$)

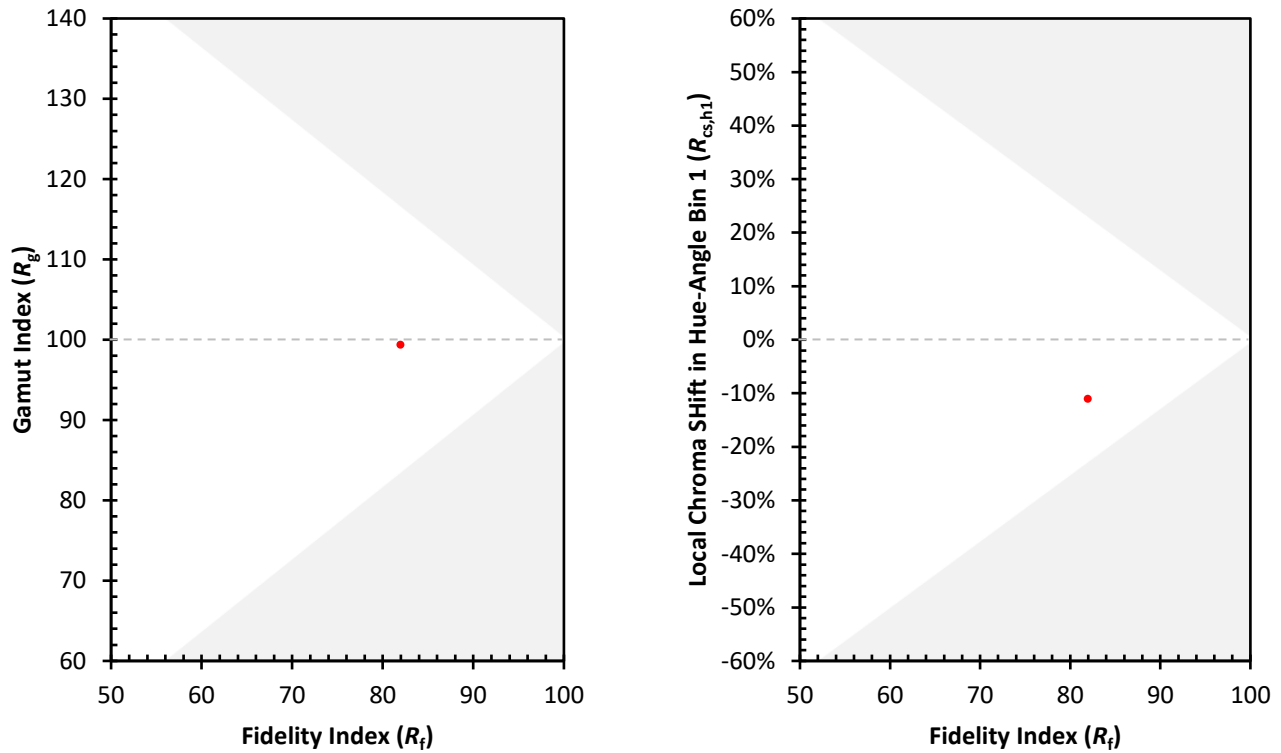
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 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)