

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: P1049250

Luminaire Tested: **GALN-SA2B-850-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049250
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2B-850-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
80CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7611.2 lumens
Efficiency: N/A
Efficacy: 104.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

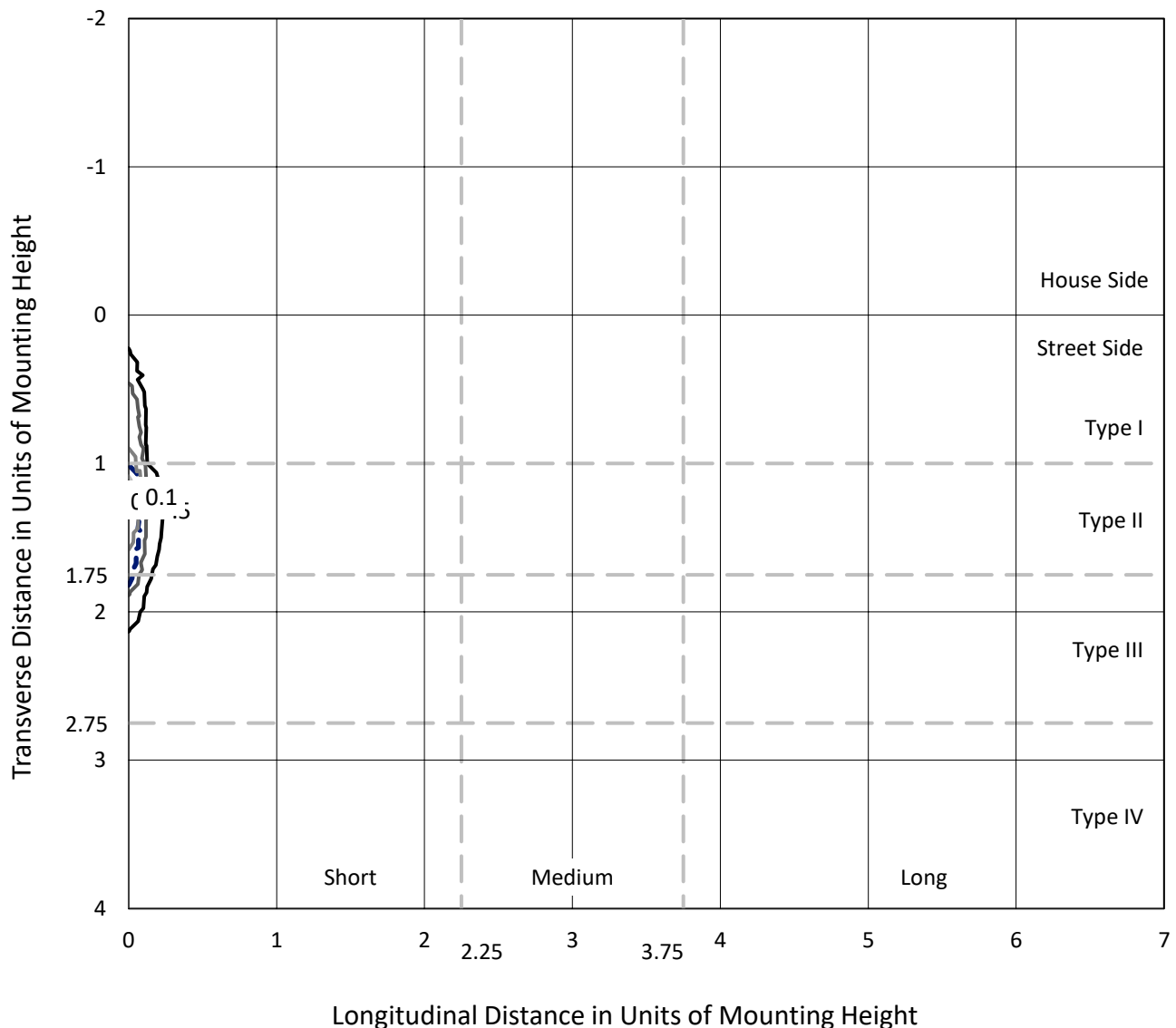
Input Watts (W): 72.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

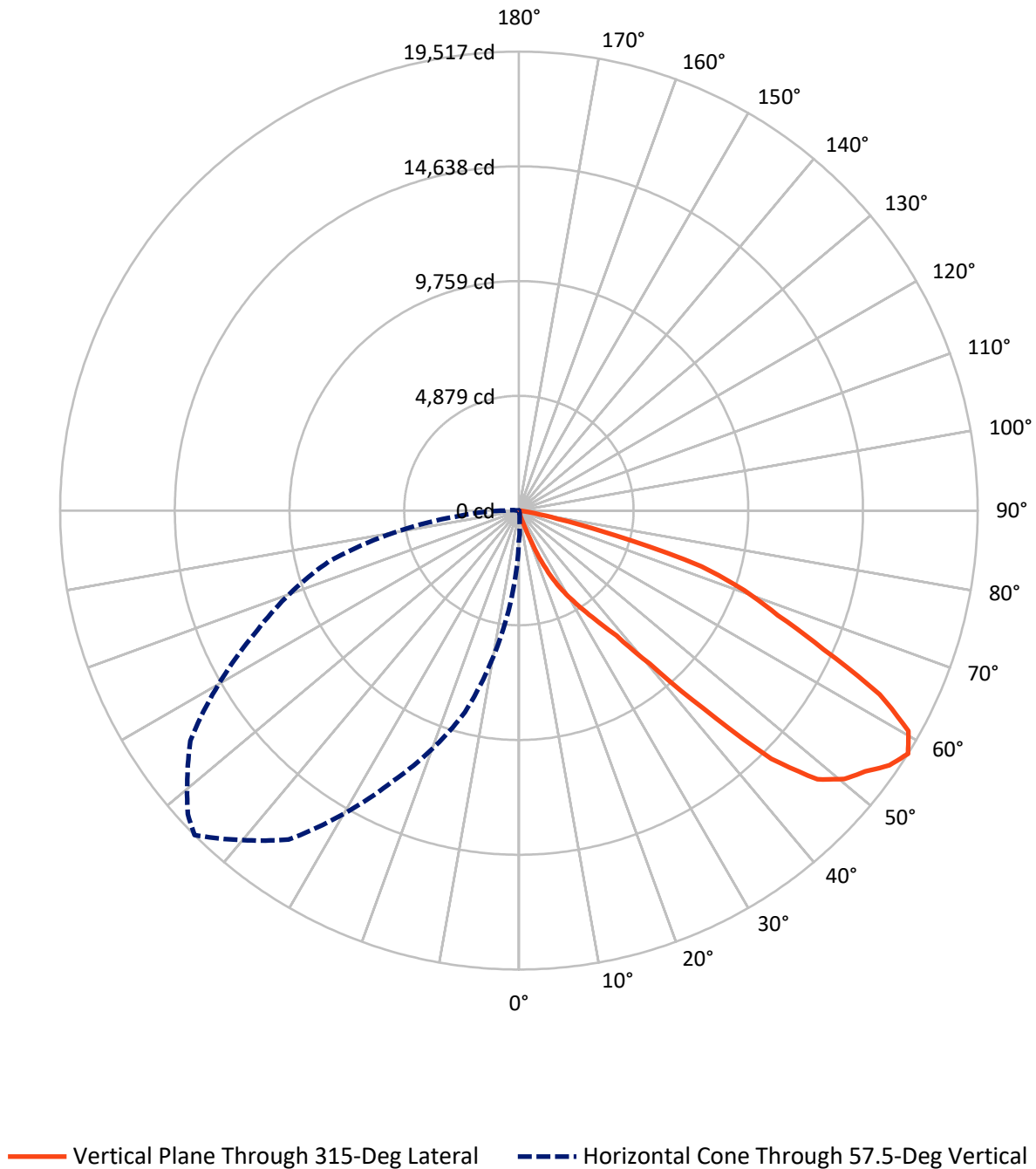
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	38.1	0.0	38.1
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	7573.1	0.0	7573.1
	% Fixture	99.5	0.0	99.5
Total	Lumens	7611.2	0.0	7611.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.0	0.0
10°-20°	16.7	0.2
20°-30°	180.4	2.4
30°-40°	533.4	7.0
40°-50°	1589.7	20.9
50°-60°	2520.6	33.1
60°-70°	2104.1	27.6
70°-80°	648.8	8.5
80°-90°	14.4	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°	7611.2	100.0
0°-180°	7611.2	100.0



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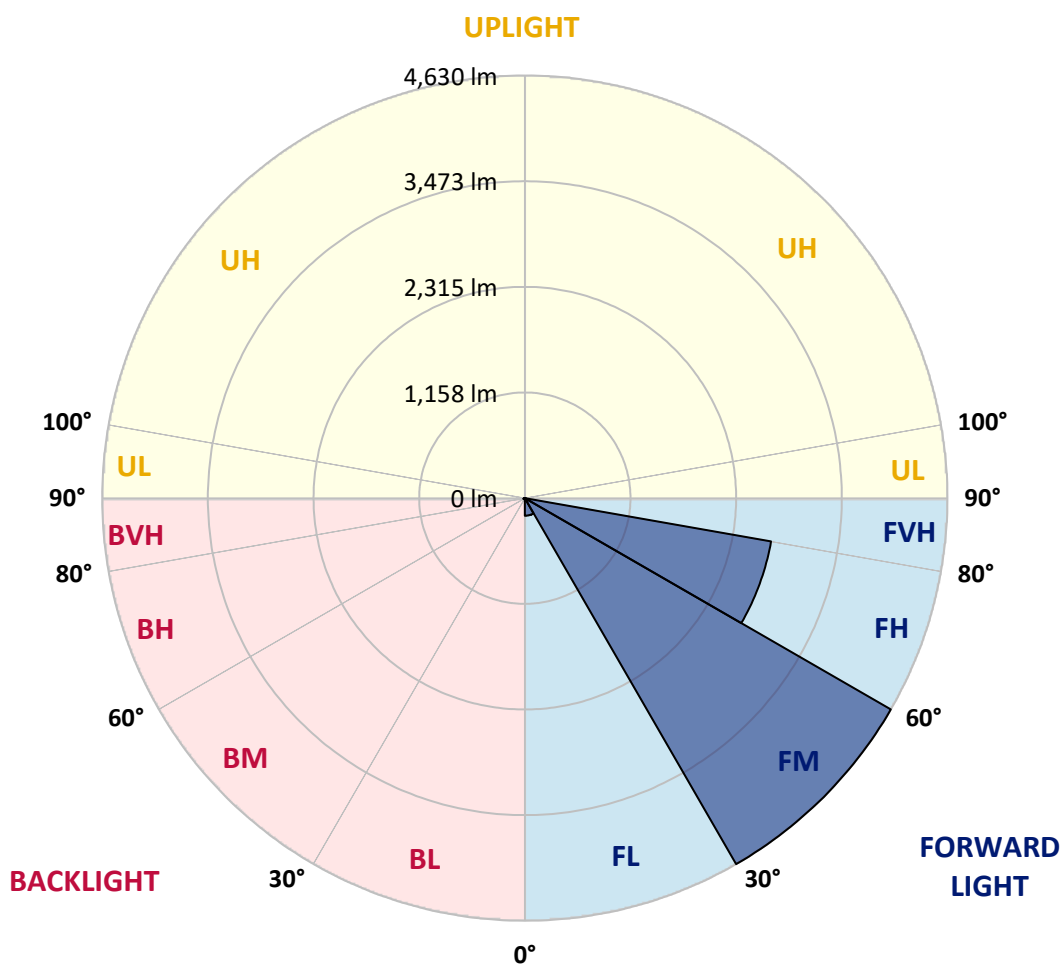
CATALOG NUMBER: GALN-SA2B-850-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	193.1	2.5			
FM	(30°-60°)	4630.1	60.8			
FH	(60°-80°)	2738.7	36.0			G2/5000
FVH	(80°-90°)	11.2	0.1			G1/100
BL	(0°-30°)	7.0	0.1	B0/110		
BM	(30°-60°)	13.6	0.2	B0/220		
BH	(60°-80°)	14.2	0.2	B0/110		G0/110
BVH	(80°-90°)	3.3	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-G2

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°	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
2.5°	30.5	30.5	30.5	30.5	29.9	29.9	29.3	29.3	28.8	28.8
5°	32.2	32.2	31.6	31.1	31.1	30.5	29.9	29.3	29.3	28.8
7.5°	35.1	34.5	33.9	33.4	32.2	31.6	30.5	29.9	29.3	28.2
10°	38.5	37.4	36.2	35.1	33.9	32.8	31.6	31.1	29.9	29.3
12.5°	43.1	41.4	39.1	37.4	36.2	34.5	33.4	32.2	30.5	29.3
15°	47.2	44.9	42.0	39.7	38.0	35.7	33.9	32.2	31.1	29.3
17.5°	52.9	48.9	44.3	41.4	39.1	36.2	33.4	31.6	29.9	27.6
20°	62.7	54.6	46.0	42.6	39.1	35.7	32.2	29.9	28.2	25.9
22.5°	78.2	64.4	50.6	45.4	40.8	35.7	31.1	28.8	26.5	24.2
25°	108.1	83.4	58.7	51.8	44.9	38.0	31.1	28.2	25.9	23.0
27.5°	143.8	107.0	69.6	59.8	50.6	40.8	31.1	27.6	24.7	21.3
30°	180.0	131.1	81.7	69.0	56.4	43.7	31.1	27.0	23.6	19.6
32.5°	214.5	153.6	92.0	77.1	62.1	46.6	31.6	27.0	22.4	17.8
35°	249.6	172.0	93.8	78.2	62.7	46.6	31.1	25.9	21.3	16.1
37.5°	294.5	192.7	90.3	74.8	59.8	44.3	29.3	24.7	20.1	15.0
40°	362.4	227.2	92.0	75.9	59.8	43.7	27.6	23.0	19.0	14.4
42.5°	487.7	293.9	99.5	81.1	62.7	43.7	25.3	21.3	17.8	13.8
45°	843.2	488.3	133.4	105.8	78.2	50.6	23.0	19.6	16.7	13.2
47.5°	1394.8	817.3	239.8	185.2	131.1	76.5	22.4	19.6	16.7	13.2
50°	1780.2	1041.1	302.0	232.4	162.8	93.2	23.6	20.1	17.3	13.8
52.5°	1777.3	1057.2	336.5	258.3	180.6	102.4	24.7	21.3	18.4	15.0
55°	1580.0	961.7	342.8	263.4	184.6	105.3	26.5	23.0	19.6	16.1
57.5°	1320.6	816.7	312.9	242.1	172.0	101.2	30.5	26.5	23.0	19.0
60°	1044.5	644.2	243.9	192.7	142.1	90.9	40.3	35.1	30.5	25.3
62.5°	721.3	467.0	212.8	170.8	129.4	87.4	46.0	40.8	36.2	31.1
65°	510.2	351.4	192.1	156.4	121.4	85.7	50.0	44.3	39.1	33.4
67.5°	381.3	279.5	177.2	146.7	116.2	85.7	55.2	48.3	42.0	35.1
70°	292.2	229.5	166.2	141.5	117.3	92.6	67.9	58.1	48.9	39.1
72.5°	238.1	196.1	153.6	135.7	117.9	100.1	82.2	69.6	56.9	43.7
75°	197.3	167.9	138.6	123.7	109.3	94.3	79.4	67.9	56.9	45.4
77.5°	131.1	119.6	107.6	98.9	90.3	81.1	72.5	62.7	53.5	43.7
80°	46.0	44.3	42.6	46.0	49.5	52.9	56.4	49.5	43.1	36.2
82.5°	6.9	6.3	5.8	6.3	6.9	7.5	8.1	8.6	9.2	9.8
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°	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
0.0	2.5°	28.2	28.2	27.6	27.6	27.6	27.0	27.0	26.5	26.5	26.5
0.0	5°	27.6	27.6	27.0	26.5	25.9	25.9	25.3	24.7	24.7	24.2
0.0	7.5°	27.0	26.5	25.9	25.3	24.7	24.2	23.6	23.0	23.0	22.4
0.0	10°	27.6	26.5	25.9	24.7	24.2	23.6	22.4	21.9	21.3	21.3
0.0	12.5°	26.5	25.9	24.7	23.6	23.0	21.9	21.3	20.1	19.6	19.6
0.0	15°	26.5	25.3	23.6	22.4	21.3	20.7	19.6	18.4	17.8	17.3
0.0	17.5°	24.7	23.6	21.9	20.7	19.6	18.4	17.3	16.1	15.5	15.0
0.0	20°	22.4	21.3	19.6	17.8	16.7	15.5	14.4	13.2	12.7	12.1
0.0	22.5°	20.1	19.0	17.3	15.5	14.4	13.2	11.5	10.4	9.8	8.6
0.0	25°	19.0	17.3	15.5	13.8	12.1	10.9	9.2	7.5	6.3	5.2
0.0	27.5°	16.1	14.4	12.7	10.9	9.2	7.5	5.8	4.0	2.9	2.3
0.0	30°	13.8	12.1	10.4	8.6	6.3	4.6	2.9	0.6	0.6	0.6
0.0	32.5°	11.5	9.8	7.5	5.8	4.6	2.9	1.7	0.0	0.0	0.0
0.0	35°	9.2	7.5	5.2	3.5	2.9	1.7	1.2	0.0	0.0	0.0
0.0	37.5°	8.1	6.3	4.0	1.7	1.2	1.2	0.6	0.0	0.0	0.0
0.0	40°	7.5	5.2	2.9	0.6	0.6	0.6	0.0	0.0	0.0	0.0
0.0	42.5°	7.5	5.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	7.5	5.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	7.5	5.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	8.1	5.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	9.2	6.9	4.6	2.3	1.7	1.2	0.6	0.0	0.0	0.0
0.0	55°	11.5	10.4	8.6	7.5	5.8	4.0	1.7	0.0	0.0	0.0
0.0	57.5°	15.0	15.0	14.4	13.8	10.4	6.9	3.5	0.0	0.0	0.0
0.0	60°	20.1	20.1	20.1	20.1	15.0	10.4	5.2	0.0	0.0	0.0
0.0	62.5°	24.7	23.6	21.9	20.7	15.5	10.4	5.2	0.0	0.0	0.0
0.0	65°	24.7	22.4	19.6	16.7	12.7	8.6	4.0	0.0	0.0	0.0
0.0	67.5°	23.0	18.4	13.2	8.6	6.3	4.6	2.3	0.0	0.0	0.0
	70°	23.0	16.1	9.2	2.3	1.7	1.2	0.6	0.0	0.0	0.0
	72.5°	23.0	15.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	25.3	17.3	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	25.3	17.3	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	22.4	15.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	7.5	5.2	2.3	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



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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°	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
0.0	2.5°	25.9	25.9	25.9	25.3	25.3	25.3	25.3	24.7	24.7	24.7
0.0	5°	23.6	23.6	23.0	23.0	22.4	22.4	21.9	21.9	21.3	21.3
0.0	7.5°	21.9	21.3	21.3	20.7	20.1	20.1	19.6	19.6	19.0	18.4
0.0	10°	20.1	19.6	19.6	19.0	18.4	17.8	17.8	17.3	16.7	16.1
0.0	12.5°	18.4	17.8	17.3	16.7	16.1	15.5	15.5	15.0	14.4	13.8
0.0	15°	16.1	15.5	15.0	14.4	13.8	13.2	13.2	12.7	12.1	11.5
0.0	17.5°	13.8	13.2	13.2	12.7	12.1	11.5	10.9	9.8	9.2	8.6
0.0	20°	10.4	9.8	9.2	8.6	8.1	6.9	6.3	5.2	4.0	3.5
0.0	22.5°	6.9	5.8	5.2	4.0	2.9	2.3	1.7	0.6	0.0	0.0
0.0	25°	2.3	1.7	1.2	0.6	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: P1049250

CATALOG NUMBER: GALN-SA2B-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049250

CATALOG NUMBER: GALN-SA2B-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°	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
0.0	2.5°	24.2	24.2	24.2	23.6	23.6	23.6	23.6	23.6	23.6	23.6
0.0	5°	20.7	20.7	20.7	20.1	20.1	19.6	19.6	19.6	19.0	19.0
0.0	7.5°	17.8	17.3	17.3	16.7	16.7	16.1	16.1	16.1	15.5	15.5
0.0	10°	15.0	14.4	14.4	13.8	13.8	13.2	13.2	12.7	12.7	12.1
0.0	12.5°	13.2	12.7	12.1	11.5	11.5	10.9	10.4	10.4	9.8	9.2
0.0	15°	10.4	9.8	9.2	8.6	8.1	7.5	6.9	6.9	6.3	5.8
0.0	17.5°	6.9	5.8	5.2	4.6	4.6	4.0	3.5	2.9	2.3	1.7
0.0	20°	1.7	1.2	0.6	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: P1049250

CATALOG NUMBER: GALN-SA2B-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049250

CATALOG NUMBER: GALN-SA2B-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°	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
0.0	2.5°	23.6	23.0	23.0	23.0	23.6	23.6	23.6	23.6	23.6	23.6
0.0	5°	19.0	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
0.0	7.5°	15.5	15.0	15.0	15.0	15.0	14.4	14.4	14.4	14.4	14.4
0.0	10°	12.1	11.5	11.5	11.5	11.5	10.9	10.9	10.9	10.9	10.9
0.0	12.5°	8.6	8.6	8.1	8.1	8.1	7.5	7.5	7.5	7.5	6.9
0.0	15°	5.2	4.6	4.0	4.0	4.0	3.5	3.5	3.5	3.5	2.9
0.0	17.5°	1.2	1.2	0.6	0.6	0.6	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: P1049250

CATALOG NUMBER: GALN-SA2B-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049250

CATALOG NUMBER: GALN-SA2B-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°	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
0.0	2.5°	24.2	24.2	24.7	24.7	25.3	26.5	27.0	27.6	28.8	29.9
0.0	5°	19.0	19.6	19.6	20.1	20.7	21.3	21.9	22.4	23.6	24.7
0.0	7.5°	15.0	15.0	15.5	15.5	16.1	17.3	17.8	18.4	19.6	21.3
0.0	10°	11.5	11.5	12.1	12.1	12.7	13.8	14.4	15.0	16.1	17.8
0.0	12.5°	7.5	8.1	8.1	8.6	9.2	10.4	10.9	11.5	12.7	13.8
0.0	15°	3.5	4.0	4.0	4.6	5.2	6.3	6.9	7.5	8.6	10.4
0.0	17.5°	0.6	0.6	1.2	1.2	1.7	2.3	2.9	3.5	5.2	6.3
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.3
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
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: P1049250

CATALOG NUMBER: GALN-SA2B-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049250

CATALOG NUMBER: GALN-SA2B-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°	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
0.0	2.5°	31.6	32.8	33.9	35.1	36.2	37.4	38.0	39.1	39.7	40.3
0.0	5°	27.0	28.2	29.9	31.1	32.2	33.4	34.5	35.1	35.7	36.2
0.0	7.5°	23.6	24.7	26.5	27.6	28.8	29.9	31.1	32.2	32.8	33.4
0.0	10°	20.1	21.9	23.0	24.7	25.9	27.0	28.2	29.3	30.5	31.1
0.0	12.5°	16.1	17.8	19.6	20.7	22.4	24.2	25.3	26.5	27.6	28.8
0.0	15°	12.7	14.4	16.1	17.3	19.0	20.7	22.4	23.6	24.7	25.9
0.0	17.5°	9.2	10.9	12.7	13.8	15.5	17.3	18.4	20.1	21.3	22.4
0.0	20°	4.6	6.3	8.1	9.8	11.5	13.2	14.4	16.1	17.3	18.4
0.0	22.5°	0.6	2.3	4.0	5.2	6.9	8.6	9.8	11.5	12.7	13.8
0.0	25°	0.0	0.6	1.7	2.3	2.9	4.0	5.2	6.3	7.5	8.6
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.6	1.2	2.3	3.5	4.6
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
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	0.6
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	1.2
	85°	0.0	0.0	0.0	0.0	0.0	1.2	1.7	2.9	3.5	4.0
	87.5°	0.0	0.6	1.2	1.7	2.3	3.5	4.6	5.8	6.3	6.9
	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: P1049250

CATALOG NUMBER: GALN-SA2B-850-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
33.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	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											
0.6											
2.3											
5.2											
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REPORT NUMBER: P1049250

CATALOG NUMBER: GALN-SA2B-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°	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
0.0	2.5°	40.8	40.8	40.8	40.8	40.3	40.3	40.3	39.7	39.7	39.1
0.0	5°	37.4	38.0	38.0	38.0	38.0	38.0	38.0	38.0	37.4	37.4
0.0	7.5°	34.5	35.1	35.7	35.7	36.2	36.2	36.2	35.7	35.7	35.1
0.0	10°	32.8	33.4	33.4	33.9	33.9	33.9	33.9	33.9	33.9	33.9
0.0	12.5°	30.5	31.1	31.6	31.6	32.2	32.2	32.2	32.2	31.6	31.6
0.0	15°	27.6	28.8	29.3	29.9	29.9	30.5	30.5	30.5	30.5	30.5
0.0	17.5°	25.3	26.5	27.0	27.6	27.6	28.2	28.2	28.8	28.8	28.8
0.0	20°	20.7	21.9	22.4	23.6	24.2	24.7	25.3	25.9	25.9	26.5
0.0	22.5°	16.1	17.3	17.8	19.0	19.6	20.1	20.7	21.3	21.9	22.4
0.0	25°	11.5	12.7	13.2	14.4	15.0	15.5	16.1	16.7	16.7	17.3
0.0	27.5°	6.3	7.5	8.6	9.2	10.4	10.9	11.5	12.1	12.7	13.2
0.0	30°	2.9	3.5	4.0	5.2	5.8	6.3	6.9	8.1	8.6	9.2
0.0	32.5°	0.0	0.0	0.6	1.7	2.3	2.9	3.5	4.0	4.0	4.6
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.7	2.3
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°	1.2	1.2	1.2	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	82.5°	2.9	3.5	4.0	4.0	4.6	4.6	4.6	4.6	4.0	4.0
	85°	5.8	6.3	6.9	6.9	7.5	7.5	7.5	7.5	7.5	7.5
	87.5°	8.1	8.6	9.2	9.2	9.8	9.8	9.8	9.8	9.8	9.8
	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: P1049250

CATALOG NUMBER: GALN-SA2B-850-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
33.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	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											
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REPORT NUMBER: P1049250

CATALOG NUMBER: GALN-SA2B-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°	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
0.0	2.5°	38.5	38.5	38.0	38.0	38.0	38.0	38.0	38.5	39.1	39.1
0.0	5°	36.8	36.8	36.2	36.2	36.2	36.8	36.8	37.4	38.0	38.5
0.0	7.5°	35.1	34.5	34.5	35.1	35.1	35.7	35.7	36.2	36.8	37.4
0.0	10°	33.9	33.4	33.4	33.4	33.9	33.9	34.5	35.1	35.7	36.2
0.0	12.5°	31.6	31.6	31.6	31.6	32.2	32.2	32.8	33.4	34.5	35.1
0.0	15°	30.5	29.9	29.9	29.9	29.9	30.5	30.5	31.6	32.8	33.4
0.0	17.5°	28.2	28.2	27.6	27.6	28.2	28.2	28.8	29.9	31.1	31.6
0.0	20°	25.9	25.3	24.7	24.7	25.3	25.3	25.9	27.0	28.2	28.8
0.0	22.5°	22.4	21.9	21.9	21.9	21.9	22.4	22.4	23.6	25.3	26.5
0.0	25°	17.8	18.4	18.4	19.0	19.0	19.6	20.1	21.3	23.0	24.2
0.0	27.5°	13.8	14.4	14.4	15.5	16.1	16.7	17.3	19.0	20.7	21.9
0.0	30°	10.4	10.9	11.5	12.1	13.2	14.4	15.5	17.3	19.0	20.1
0.0	32.5°	6.3	7.5	8.1	9.2	10.4	11.5	12.7	14.4	16.7	18.4
0.0	35°	4.6	5.2	6.3	6.9	8.1	9.2	10.4	12.7	14.4	16.7
0.0	37.5°	2.3	3.5	4.6	5.8	6.9	8.1	9.2	11.5	13.8	15.5
0.0	40°	1.7	2.9	3.5	4.6	6.3	7.5	8.6	10.9	13.2	15.5
0.0	42.5°	1.2	1.7	2.3	4.0	5.2	6.9	8.6	10.9	13.2	15.5
0.0	45°	1.2	1.2	1.7	3.5	5.2	7.5	9.2	11.5	13.2	15.5
0.0	47.5°	1.2	1.7	2.3	4.6	5.8	7.5	9.2	10.9	13.2	15.0
0.0	50°	1.7	2.3	2.9	5.2	6.3	8.1	9.2	11.5	13.2	15.5
0.0	52.5°	1.2	1.7	2.3	4.6	6.3	8.6	10.4	12.7	15.0	16.7
0.0	55°	0.6	0.6	0.6	3.5	6.9	9.8	13.2	15.0	17.3	19.0
0.0	57.5°	0.0	0.0	0.0	2.3	6.9	10.9	15.0	17.3	19.6	21.3
0.0	60°	0.0	0.0	0.0	2.3	6.9	10.9	15.0	17.8	20.7	23.6
0.0	62.5°	0.0	0.0	0.0	2.3	5.8	9.2	12.7	17.3	22.4	27.0
0.0	65°	0.0	0.0	0.0	1.7	4.6	7.5	10.4	17.3	24.2	30.5
0.0	67.5°	0.0	0.0	0.0	1.7	4.6	6.9	9.8	17.3	24.2	31.6
	70°	0.0	0.0	0.0	1.7	4.6	7.5	10.4	17.3	24.2	31.1
	72.5°	0.0	0.0	0.0	1.7	5.2	8.1	11.5	17.3	23.0	28.8
	75°	0.0	0.0	0.0	2.3	5.2	8.6	12.1	17.3	22.4	27.0
	77.5°	0.0	0.0	0.0	1.7	5.2	8.1	11.5	16.7	21.9	26.5
	80°	1.7	1.2	1.2	2.9	5.2	7.5	9.8	15.0	20.7	25.9
	82.5°	3.5	3.5	2.9	4.0	5.2	6.9	8.6	13.2	18.4	23.0
	85°	6.9	6.9	6.3	6.9	6.9	7.5	8.1	10.4	12.7	15.0
	87.5°	9.2	9.2	8.6	8.6	8.6	8.1	8.1	8.1	8.1	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: P1049250

CATALOG NUMBER: GALN-SA2B-850-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
33.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.0											
34.5											
32.2											
31.6											
31.1											
27.6											
17.3											
7.5											
0.0											
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REPORT NUMBER: P1049250

CATALOG NUMBER: GALN-SA2B-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°	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
0.0	2.5°	40.3	40.8	40.8	41.4	42.0	42.6	42.6	43.1	43.1	43.1
0.0	5°	39.7	40.8	41.4	42.0	42.6	43.1	43.7	44.3	44.9	44.9
0.0	7.5°	39.1	39.7	40.8	41.4	42.6	43.1	44.3	44.9	45.4	46.0
0.0	10°	38.0	39.1	40.3	41.4	42.6	43.7	44.9	46.0	47.2	47.7
0.0	12.5°	36.8	38.5	39.7	40.8	42.6	44.3	45.4	47.2	48.3	49.5
0.0	15°	36.2	37.4	39.1	40.3	42.6	44.9	46.6	48.9	51.2	52.9
0.0	17.5°	34.5	36.8	38.5	40.3	42.6	45.4	47.7	50.0	53.5	56.9
0.0	20°	32.2	33.9	36.2	38.0	41.4	44.3	47.7	50.6	55.8	61.0
0.0	22.5°	29.9	32.2	33.9	36.2	40.3	43.7	47.7	51.2	59.8	67.9
0.0	25°	27.6	30.5	32.8	35.1	39.7	44.3	48.9	53.5	67.9	82.2
0.0	27.5°	26.5	28.8	31.6	33.9	39.7	46.0	51.8	57.5	80.5	103.0
0.0	30°	24.7	27.6	29.9	32.8	40.3	47.7	55.2	62.7	97.8	132.9
0.0	32.5°	23.0	25.9	28.8	31.6	41.4	51.2	60.4	70.2	116.2	161.6
0.0	35°	21.3	24.7	27.6	30.5	43.1	56.4	69.0	81.7	132.9	183.5
0.0	37.5°	20.7	24.2	27.0	29.9	43.7	56.9	70.7	84.0	134.6	185.2
0.0	40°	21.3	24.2	27.6	30.5	42.0	53.5	64.4	75.9	128.8	181.2
0.0	42.5°	21.3	24.7	28.2	31.6	40.8	50.0	59.2	68.4	127.1	185.8
0.0	45°	20.7	24.2	27.6	31.1	39.7	47.7	56.4	64.4	137.5	209.9
0.0	47.5°	20.1	23.6	27.0	30.5	39.1	47.7	56.4	65.0	177.7	289.9
0.0	50°	20.1	23.6	26.5	29.3	39.7	50.6	61.0	71.3	258.8	445.8
0.0	52.5°	21.3	24.2	26.5	28.8	40.8	53.5	65.6	77.6	329.0	579.8
0.0	55°	23.0	24.7	27.0	28.8	43.7	58.1	73.0	87.4	350.3	613.1
0.0	57.5°	25.3	27.0	28.8	30.5	48.9	67.3	85.1	103.5	352.0	599.9
0.0	60°	28.2	30.5	32.2	33.9	53.5	73.6	93.2	112.7	318.6	524.0
0.0	62.5°	34.5	37.4	39.7	42.6	61.5	79.9	98.9	117.3	264.6	411.8
0.0	65°	39.7	42.0	44.3	46.6	65.0	84.0	102.4	120.8	224.3	327.8
0.0	67.5°	40.8	43.1	44.9	47.2	66.1	85.1	103.5	122.5	192.1	261.1
	70°	41.4	44.3	47.7	50.6	70.2	89.7	108.7	128.3	170.3	212.2
	72.5°	39.7	45.4	50.6	55.8	74.2	92.0	110.4	128.3	158.2	188.1
	75°	39.7	47.7	55.2	62.7	76.5	89.7	103.5	116.8	139.8	162.8
	77.5°	42.0	52.3	62.7	73.0	81.1	88.6	96.6	104.1	119.1	134.0
	80°	42.0	52.9	63.3	74.2	77.6	81.7	85.1	88.6	90.3	92.0
	82.5°	36.2	44.9	53.5	62.1	58.1	54.1	50.0	46.0	43.1	39.7
	85°	18.4	20.1	21.3	22.4	20.7	19.0	17.3	15.5	14.4	12.7
	87.5°	7.5	7.5	6.9	6.9	6.9	6.9	6.3	6.3	6.3	6.3
	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: P1049250

CATALOG NUMBER: GALN-SA2B-850-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
33.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
288.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
327.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
356.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
385.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
443.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
558.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
851.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1303.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1641.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1678.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1515.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1295.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1012.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
765.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
564.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
399.7											
297.4											
216.3											
162.8											
91.5											
41.4											
12.1											
5.8											
0.0											
0.0											
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REPORT NUMBER: P1049250

CATALOG NUMBER: GALN-SA2B-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°	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
0.0	2.5°	43.1	42.6	42.6	42.0	41.4	40.8	40.3	39.7	39.1	38.5
0.0	5°	44.9	44.9	44.9	44.3	44.3	43.7	43.7	43.1	42.6	42.0
0.0	7.5°	46.6	47.2	47.2	47.7	47.7	47.7	47.7	47.2	47.2	47.2
0.0	10°	49.5	50.0	50.6	51.2	51.8	52.3	52.3	52.9	52.9	52.9
0.0	12.5°	52.9	54.6	55.8	57.5	58.7	60.4	61.5	63.3	64.4	65.6
0.0	15°	58.1	61.0	64.4	67.3	70.2	74.2	78.8	82.8	86.9	93.2
0.0	17.5°	65.6	74.8	84.0	92.6	101.8	121.9	142.1	161.6	181.8	211.1
0.0	20°	79.9	107.6	134.6	162.2	189.2	260.0	330.1	400.9	471.1	546.4
0.0	22.5°	112.2	180.0	247.9	315.8	383.6	531.5	678.7	826.5	973.8	1146.9
0.0	25°	162.8	287.6	412.4	536.6	661.4	892.7	1124.5	1355.7	1586.9	1811.8
0.0	27.5°	237.0	427.9	618.9	809.3	1000.2	1313.7	1627.7	1941.2	2254.7	2508.9
0.0	30°	328.4	587.2	846.1	1104.9	1363.7	1720.3	2076.9	2433.0	2789.6	3067.4
0.0	32.5°	414.7	731.6	1048.5	1364.9	1681.8	2087.9	2494.5	2900.6	3306.7	3610.3
0.0	35°	471.1	854.1	1237.8	1620.8	2003.9	2443.3	2882.8	3321.6	3761.0	4107.9
0.0	37.5°	527.4	969.7	1411.5	1853.8	2295.5	2778.1	3260.6	3743.2	4225.8	4654.3
0.0	40°	590.7	1109.5	1627.7	2146.5	2664.8	3236.5	3807.6	4379.3	4950.5	5555.0
0.0	42.5°	700.6	1341.3	1982.6	2623.3	3264.1	4020.4	4776.8	5532.6	6288.9	7151.7
0.0	45°	907.0	1810.1	2713.7	3616.7	4519.7	5521.6	6524.1	7526.1	8528.0	9676.1
0.0	47.5°	1412.6	2655.0	3896.8	5139.1	6380.9	7462.8	8544.1	9626.0	10707.4	11850.8
0.0	50°	2161.5	3607.5	5053.4	6498.8	7944.8	8923.8	9902.1	10881.1	11859.4	12947.1
0.0	52.5°	2703.3	4209.7	5716.6	7223.0	8729.3	9612.8	10496.8	11380.3	12263.8	13280.1
0.0	55°	2744.1	4241.9	5740.2	7237.9	8735.7	9623.2	10510.7	11398.1	12285.6	13362.9
0.0	57.5°	2429.5	3915.2	5400.3	6885.9	8371.0	9381.6	10391.6	11402.2	12412.2	13576.9
0.0	60°	2066.6	3552.8	5038.5	6524.7	8010.4	9174.5	10339.2	11503.4	12667.5	13758.6
0.0	62.5°	1612.2	3141.0	4670.4	6199.2	7728.0	8910.0	10091.9	11273.3	12455.3	13273.8
0.0	65°	1201.5	2686.0	4170.6	5654.5	7139.0	8085.7	9032.5	9978.6	10925.3	11432.1
0.0	67.5°	868.5	2148.8	3428.6	4708.9	5988.7	6666.2	7343.8	8020.7	8698.3	9086.0
	70°	587.2	1474.2	2360.5	3247.4	4133.7	4690.5	5247.8	5804.6	6361.4	6884.8
	72.5°	406.6	904.7	1403.4	1901.5	2399.6	2959.8	3519.5	4079.7	4639.3	5193.2
	75°	269.8	496.4	723.6	950.2	1176.8	1591.5	2006.8	2421.5	2836.2	3166.3
	77.5°	191.5	259.4	327.8	395.7	463.6	541.2	619.5	697.1	774.8	892.7
	80°	90.9	99.5	108.1	116.2	124.8	153.0	181.2	209.4	237.5	267.5
	82.5°	43.1	46.6	50.0	52.9	56.4	59.2	62.1	65.0	67.9	65.0
	85°	11.5	11.5	12.1	12.1	12.1	12.1	12.1	12.1	12.1	11.5
	87.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.6	4.6	4.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA2B-850-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
33.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.5	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
100.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
239.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
622.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1320.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2036.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2763.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3345.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3914.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4454.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5083.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6159.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8014.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10824.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12994.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14034.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14296.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14440.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14741.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14849.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14092.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11939.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9474.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7407.6											
5747.1											
3496.5											
1010.6											
297.4											
61.5											
10.9											
4.0											
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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CATALOG NUMBER: GALN-SA2B-850-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
0.0	2.5°	37.4	36.8	36.2	35.7	35.1	33.9	33.9	33.4	33.4
0.0	5°	40.8	40.3	39.7	39.1	39.1	38.5	38.0	38.0	37.4
0.0	7.5°	46.6	46.0	45.4	44.9	44.9	44.3	44.3	43.7	43.7
0.0	10°	53.5	53.5	53.5	53.5	53.5	52.9	52.9	52.9	52.3
0.0	12.5°	67.3	67.9	69.0	70.2	71.9	71.9	71.9	71.3	71.3
0.0	15°	106.4	112.7	117.3	121.9	126.0	135.2	134.0	132.3	131.1
0.0	17.5°	269.2	297.9	313.5	328.4	344.0	386.5	379.6	372.7	366.4
0.0	20°	697.7	773.0	823.1	873.1	923.7	1003.7	984.1	964.6	945.0
0.0	22.5°	1492.6	1665.7	1741.0	1816.4	1891.2	1987.8	1925.1	1862.4	1800.3
0.0	25°	2261.0	2485.9	2613.0	2740.1	2866.6	2921.9	2840.2	2757.9	2676.3
0.0	27.5°	3017.3	3271.6	3383.7	3495.3	3607.5	3723.1	3621.8	3520.0	3418.8
0.0	30°	3623.6	3901.4	4022.7	4143.5	4264.9	4345.4	4240.7	4135.5	4030.8
0.0	32.5°	4218.3	4522.0	4654.8	4787.7	4920.0	5035.6	4906.8	4777.4	4648.5
0.0	35°	4800.9	5147.8	5330.7	5513.6	5696.5	5804.0	5651.0	5497.5	5344.5
0.0	37.5°	5511.9	5940.4	6145.1	6349.9	6554.6	6750.8	6582.2	6413.1	6244.6
0.0	40°	6764.0	7368.5	7682.5	7997.2	8311.2	8564.3	8351.5	8138.7	7925.8
0.0	42.5°	8877.2	9739.9	10191.4	10642.4	11093.9	11489.0	11265.3	11041.5	10817.8
0.0	45°	11972.2	13120.2	13670.6	14220.5	14770.9	15059.7	14737.6	14414.9	14092.8
0.0	47.5°	14137.1	15280.5	15770.6	16260.6	16750.7	17080.2	16686.2	16292.3	15898.8
0.0	50°	15121.8	16209.4	16701.2	17192.4	17684.2	17945.9	17490.9	17035.4	16580.4
0.0	52.5°	15312.2	16328.5	16915.2	17502.4	18089.1	18438.8	17901.6	17363.8	16826.6
0.0	55°	15518.1	16595.4	17275.8	17956.8	18637.2	19121.5	18514.1	17906.2	17298.8
0.0	57.5°	15905.7	17070.5	17749.2	18427.3	19106.0	19517.2	18908.1	18298.4	17689.3
0.0	60°	15940.3	17030.8	17614.0	18197.8	18781.0	19039.8	18457.2	17874.0	17291.3
0.0	62.5°	14911.3	15729.7	16134.7	16539.6	16944.5	17225.8	16617.8	16009.3	15401.3
0.0	65°	12446.1	12952.8	13275.5	13598.2	13920.8	14256.2	13699.4	13142.6	12585.9
0.0	67.5°	9861.9	10249.5	10674.6	11099.6	11524.7	11883.0	11437.2	10990.9	10545.2
	70°	7931.0	8453.8	8931.8	9409.8	9887.7	10181.1	9733.6	9285.5	8838.1
	72.5°	6301.0	6854.9	7254.0	7652.6	8051.8	8123.7	7794.7	7465.7	7137.3
	75°	3826.0	4156.2	4164.2	4171.7	4179.8	4248.2	3975.6	3702.9	3430.9
	77.5°	1128.5	1246.4	1343.6	1440.2	1537.4	1654.8	1554.7	1454.0	1353.9
	80°	326.7	356.6	381.9	406.6	432.0	417.0	393.4	369.8	346.3
	82.5°	58.7	55.2	54.6	54.1	54.1	51.2	46.6	42.0	37.4
	85°	10.4	9.8	9.2	8.6	8.1	7.5	6.3	5.8	4.6
	87.5°	3.5	2.9	2.3	1.7	1.7	0.6	0.6	0.6	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



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CATALOG NUMBER: GALN-SA2B-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049250

CATALOG NUMBER: GALN-SA2B-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°	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
0.0	0.0	2.5°	32.8	32.2	32.2	32.2	32.2	31.6	31.6	31.6	31.6
0.0	0.0	5°	36.2	36.2	35.7	35.7	35.1	35.1	34.5	34.5	33.9
0.0	0.0	7.5°	42.6	42.0	41.4	40.8	40.3	39.1	38.5	38.0	38.0
0.0	0.0	10°	51.2	50.0	49.5	48.3	47.7	46.6	45.4	44.3	43.1
0.0	0.0	12.5°	67.3	65.0	63.3	61.0	58.7	56.9	54.6	52.9	50.6
0.0	0.0	15°	116.8	111.0	104.7	97.2	89.2	81.7	73.6	69.0	63.8
0.0	0.0	17.5°	298.5	268.6	238.1	213.4	188.7	164.5	139.8	121.9	104.1
0.0	0.0	20°	759.8	677.0	594.2	512.5	430.2	348.6	266.3	224.9	183.5
0.0	0.0	22.5°	1429.9	1276.3	1122.2	973.2	823.6	674.7	525.7	432.0	338.8
0.0	0.0	25°	2206.9	2013.7	1820.4	1575.4	1329.8	1084.8	839.7	687.3	534.9
0.0	0.0	27.5°	2871.8	2649.2	2426.6	2128.7	1830.8	1532.8	1234.9	1007.7	781.1
0.0	0.0	30°	3447.6	3208.3	2969.0	2622.2	2275.4	1928.5	1581.7	1297.6	1013.4
0.0	0.0	32.5°	3946.8	3660.4	3373.9	3016.2	2658.4	2300.7	1942.9	1594.4	1245.8
0.0	0.0	35°	4522.6	4188.4	3853.6	3456.8	3059.3	2662.5	2265.6	1872.2	1478.2
0.0	0.0	37.5°	5254.2	4844.1	4433.4	3991.1	3548.8	3107.1	2664.8	2215.0	1765.2
0.0	0.0	40°	6654.7	6125.6	5596.4	5034.5	4471.9	3910.0	3348.1	2795.9	2243.7
0.0	0.0	42.5°	9164.2	8449.2	7734.3	6986.6	6238.3	5490.6	4742.3	3963.5	3184.1
0.0	0.0	45°	11996.3	11109.4	10221.9	9382.7	8543.0	7703.8	6864.6	5796.0	4727.3
0.0	0.0	47.5°	13589.0	12631.3	11673.6	10879.3	10085.0	9290.7	8496.4	7344.3	6192.3
0.0	0.0	50°	14175.1	13200.1	12225.2	11494.2	10762.6	10031.5	9299.9	8146.1	6991.8
0.0	0.0	52.5°	14299.9	13305.4	12310.9	11575.3	10839.6	10104.6	9368.9	8222.6	7076.3
0.0	0.0	55°	14556.4	13489.5	12421.9	11583.3	10744.7	9906.1	9067.5	7902.8	6738.1
0.0	0.0	57.5°	14891.7	13797.7	12703.8	11748.4	10793.1	9838.3	8882.9	7609.5	6336.1
0.0	0.0	60°	14803.7	13851.8	12899.3	11876.1	10852.3	9829.1	8805.3	7404.7	6003.6
0.0	0.0	62.5°	13276.1	12518.0	11759.3	10917.9	10075.8	9234.3	8392.9	6950.9	5509.0
0.0	0.0	65°	10921.9	10368.6	9815.3	9138.3	8460.7	7783.8	7106.8	5813.8	4521.4
0.0	0.0	67.5°	8851.9	8228.4	7604.3	7064.8	6524.7	5985.2	5445.1	4427.7	3410.2
		70°	7032.6	6354.5	5675.8	5148.9	4621.5	4094.6	3567.8	2891.4	2215.6
		72.5°	5584.9	4973.5	4362.1	3800.1	3237.6	2675.7	2113.2	1713.4	1313.7
		75°	2669.4	2424.9	2180.5	1886.6	1592.6	1298.7	1004.8	830.5	656.8
		77.5°	989.3	857.6	725.3	605.7	486.0	367.0	247.3	226.6	205.9
		80°	256.0	223.2	189.8	166.2	142.1	118.5	94.9	85.7	77.1
		82.5°	29.3	27.0	25.3	24.2	22.4	21.3	19.6	17.8	16.1
		85°	1.7	1.2	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: P1049250
CATALOG NUMBER: GALN-SA2B-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049250

CATALOG NUMBER: GALN-SA2B-850-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	33.4	33.4
0.0	0.0	2.5°	31.1	30.5
0.0	0.0	5°	32.8	32.2
0.0	0.0	7.5°	36.2	35.1
0.0	0.0	10°	39.7	38.5
0.0	0.0	12.5°	44.9	43.1
0.0	0.0	15°	50.6	47.2
0.0	0.0	17.5°	60.4	52.9
0.0	0.0	20°	81.7	62.7
0.0	0.0	22.5°	115.0	78.2
0.0	0.0	25°	169.1	108.1
0.0	0.0	27.5°	235.2	143.8
0.0	0.0	30°	312.9	180.0
0.0	0.0	32.5°	381.3	214.5
0.0	0.0	35°	470.5	249.6
0.0	0.0	37.5°	580.3	294.5
0.0	0.0	40°	750.6	362.4
0.0	0.0	42.5°	1057.2	487.7
0.0	0.0	45°	1716.9	843.2
0.0	0.0	47.5°	2641.8	1394.8
0.0	0.0	50°	3231.9	1780.2
0.0	0.0	52.5°	3280.2	1777.3
0.0	0.0	55°	2994.3	1580.0
0.0	0.0	57.5°	2554.9	1320.6
0.0	0.0	60°	2123.5	1044.5
0.0	0.0	62.5°	1673.2	721.3
0.0	0.0	65°	1222.8	510.2
0.0	0.0	67.5°	878.3	381.3
		70°	577.5	292.2
		72.5°	376.2	238.1
		75°	253.1	197.3
		77.5°	147.8	131.1
		80°	52.3	46.0
		82.5°	9.8	6.9
		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: P1049250

CATALOG NUMBER: GALN-SA2B-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

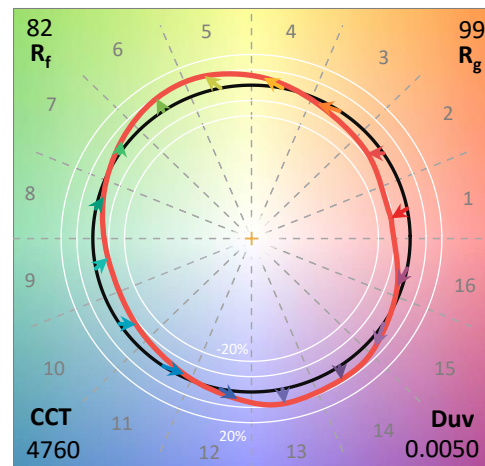
Test Information

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

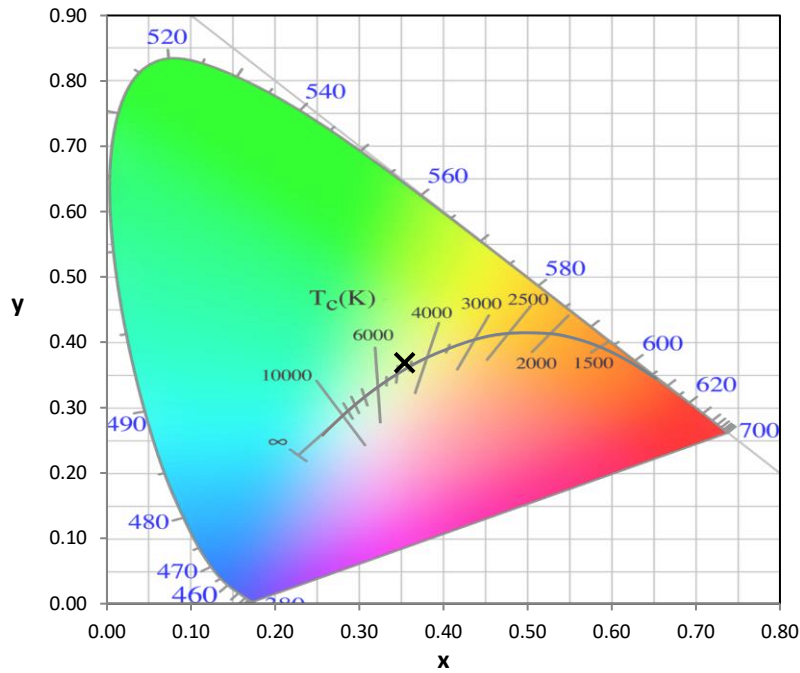
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-12

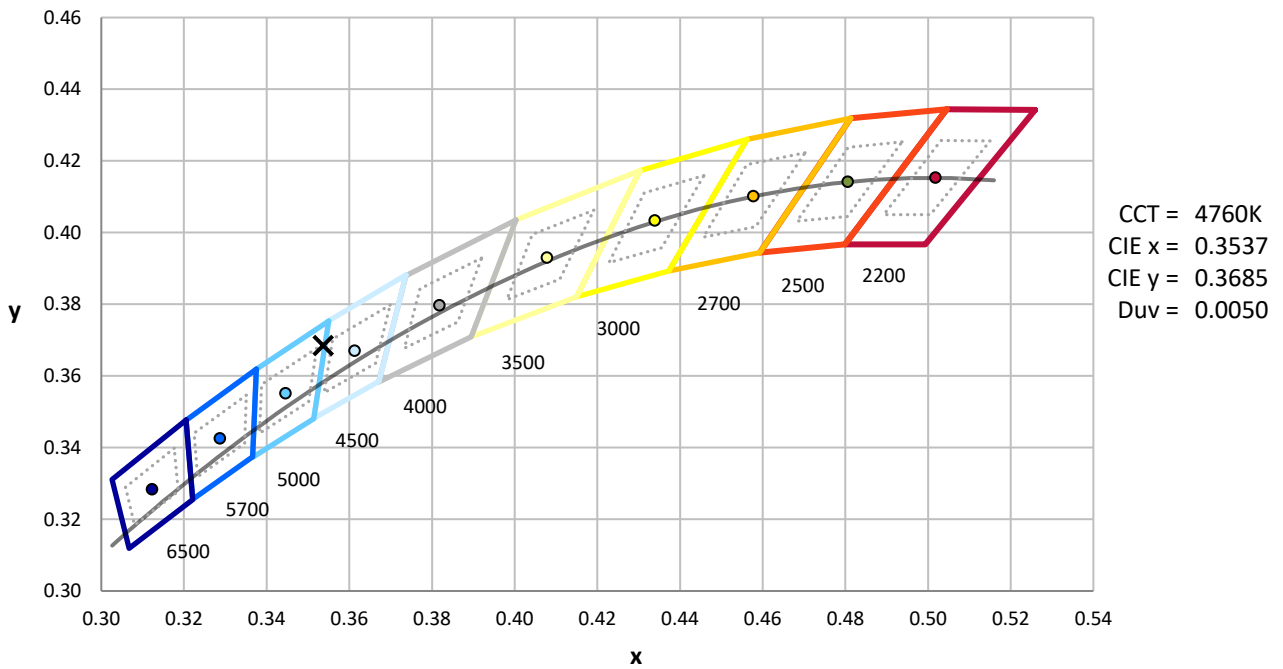
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



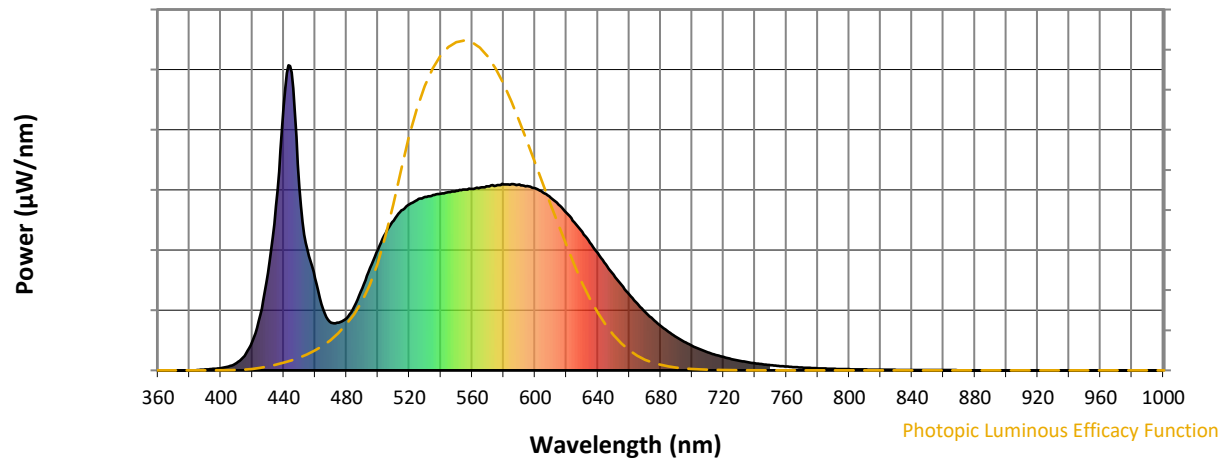
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

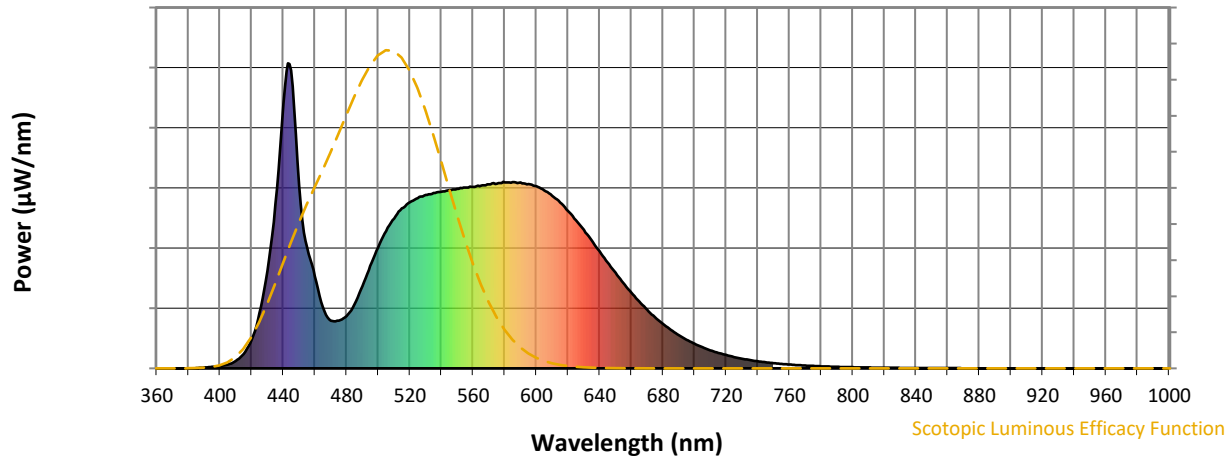


Photopic Lumens: NR

λ (nm)	Power 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

Scotopic Flux vs. Wavelength



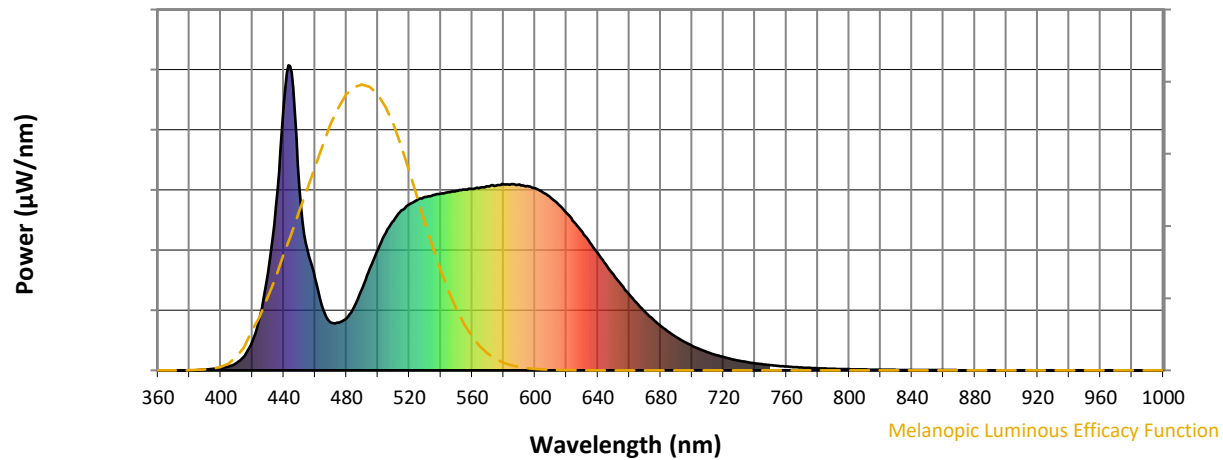
Scotopic Lumens: NR

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

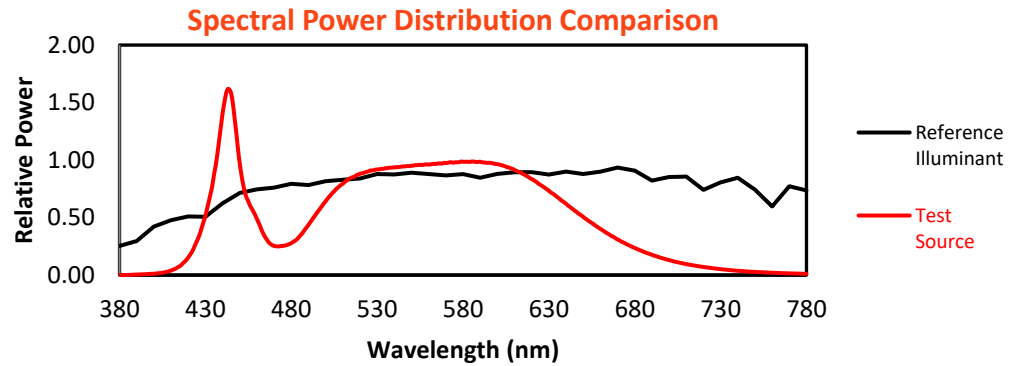
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	270	NR	620	517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

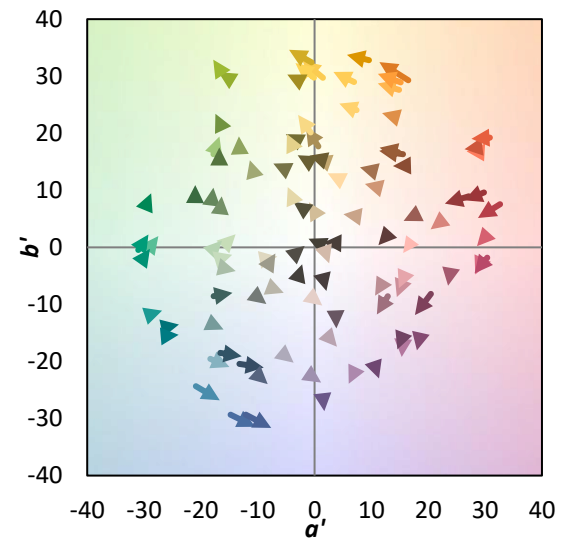
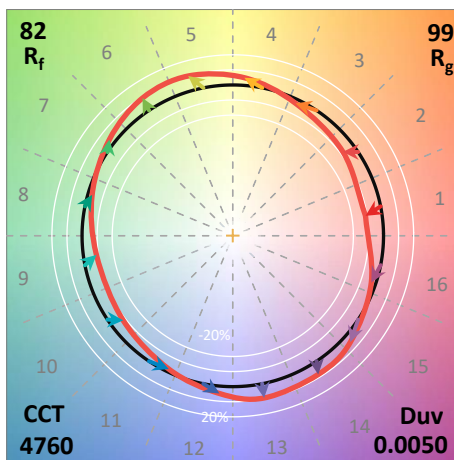
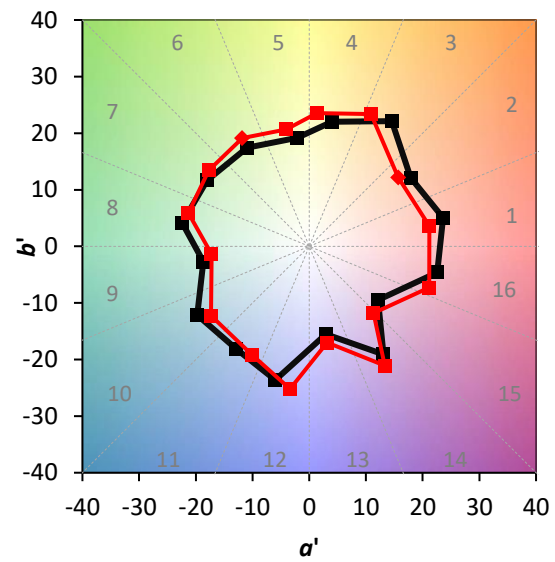
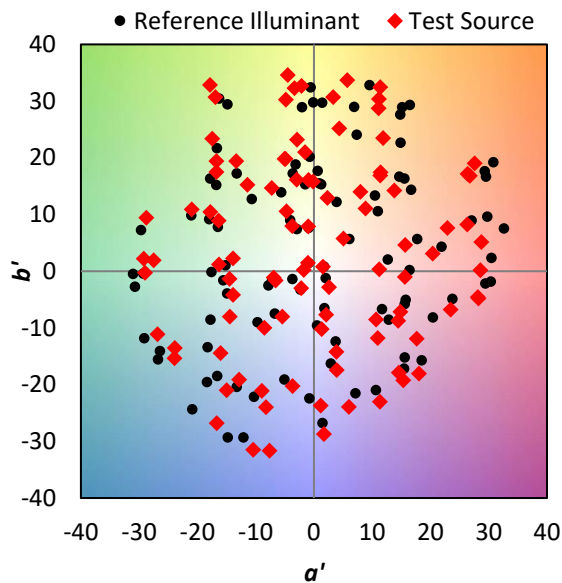
TM-30-18

Summary

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

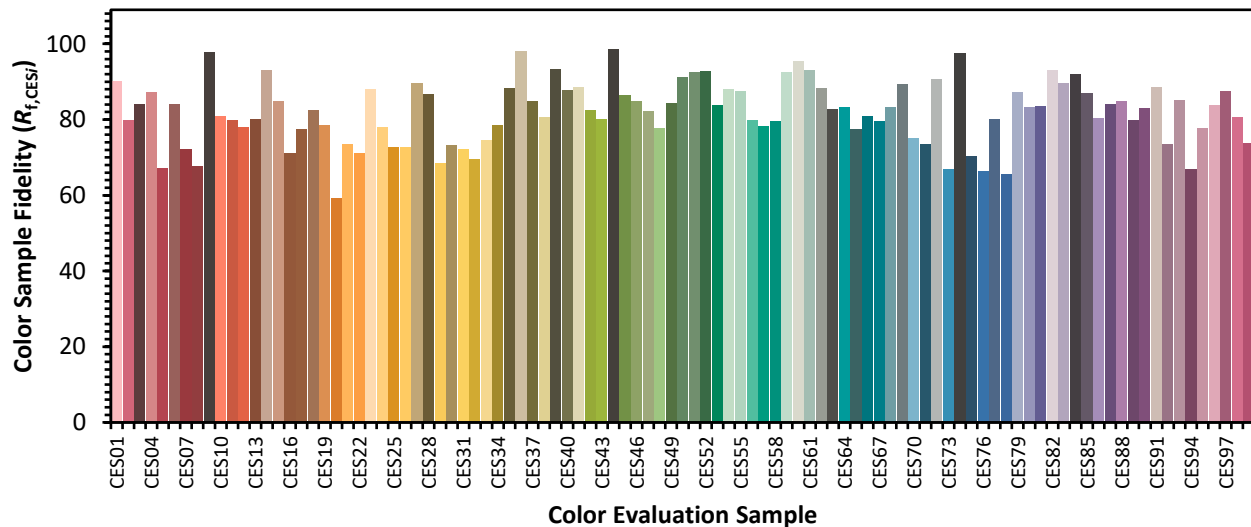


Color Vector Graphics

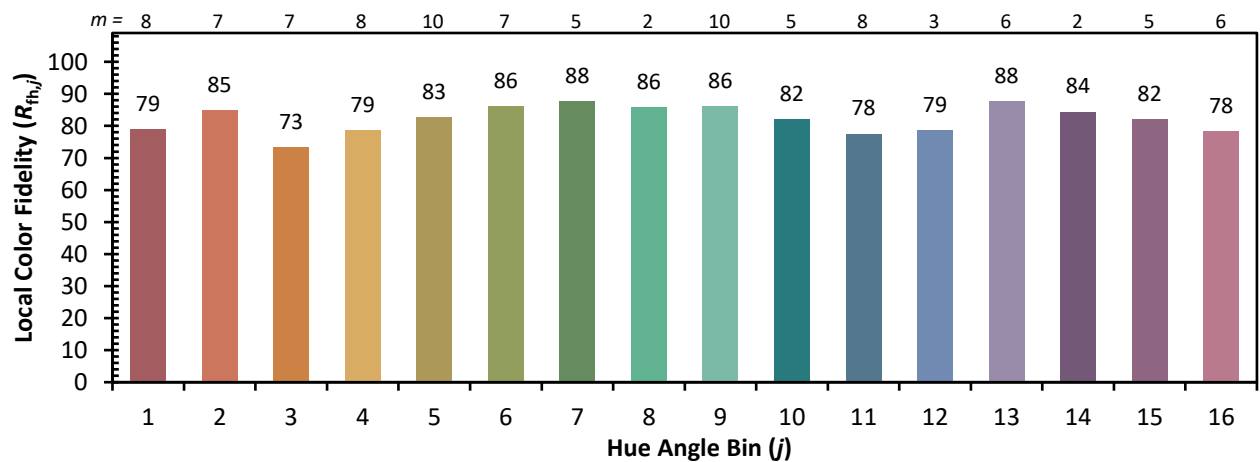
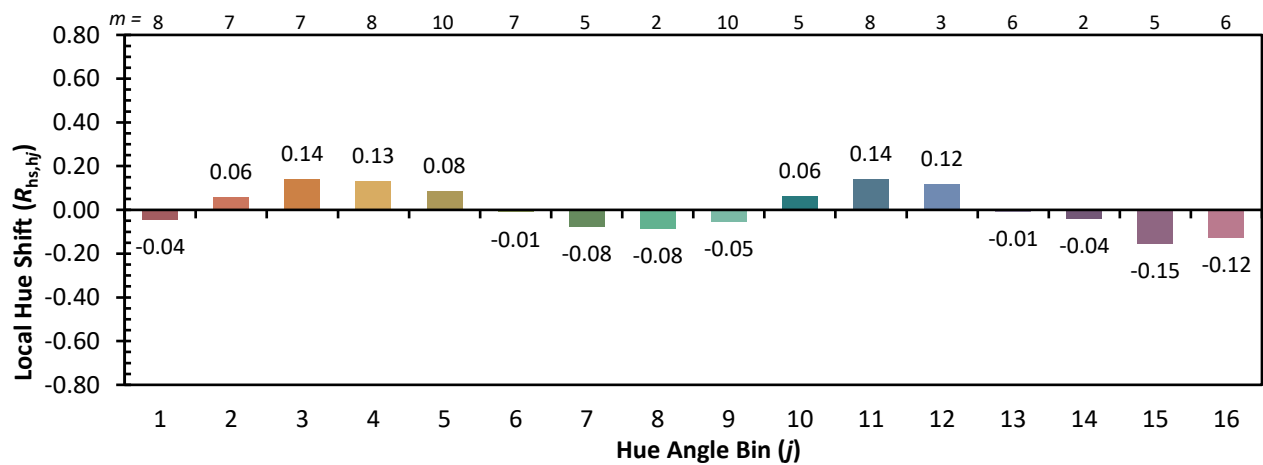
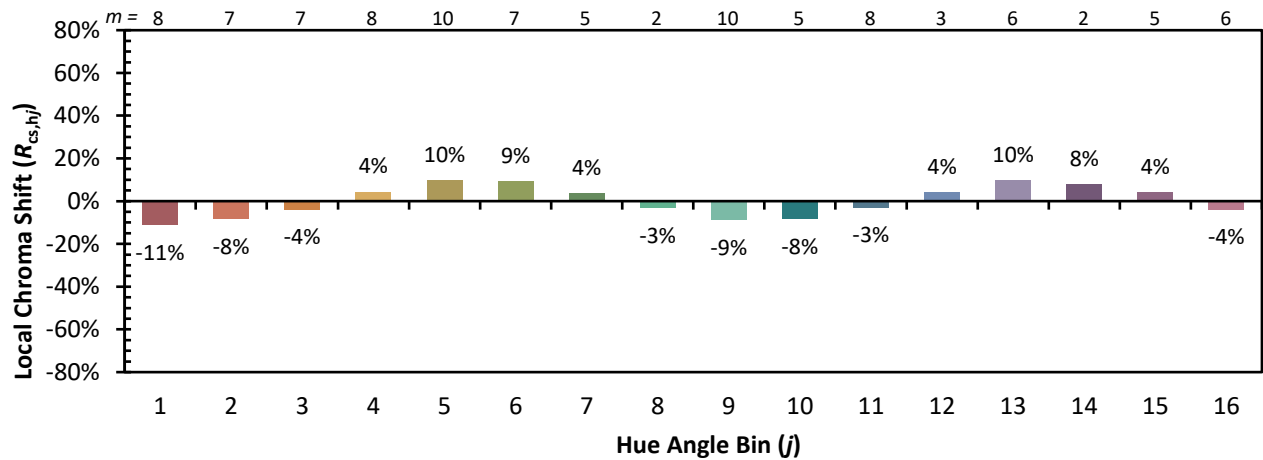


Individual Sample Fidelity Index ($R_{f,i}$)

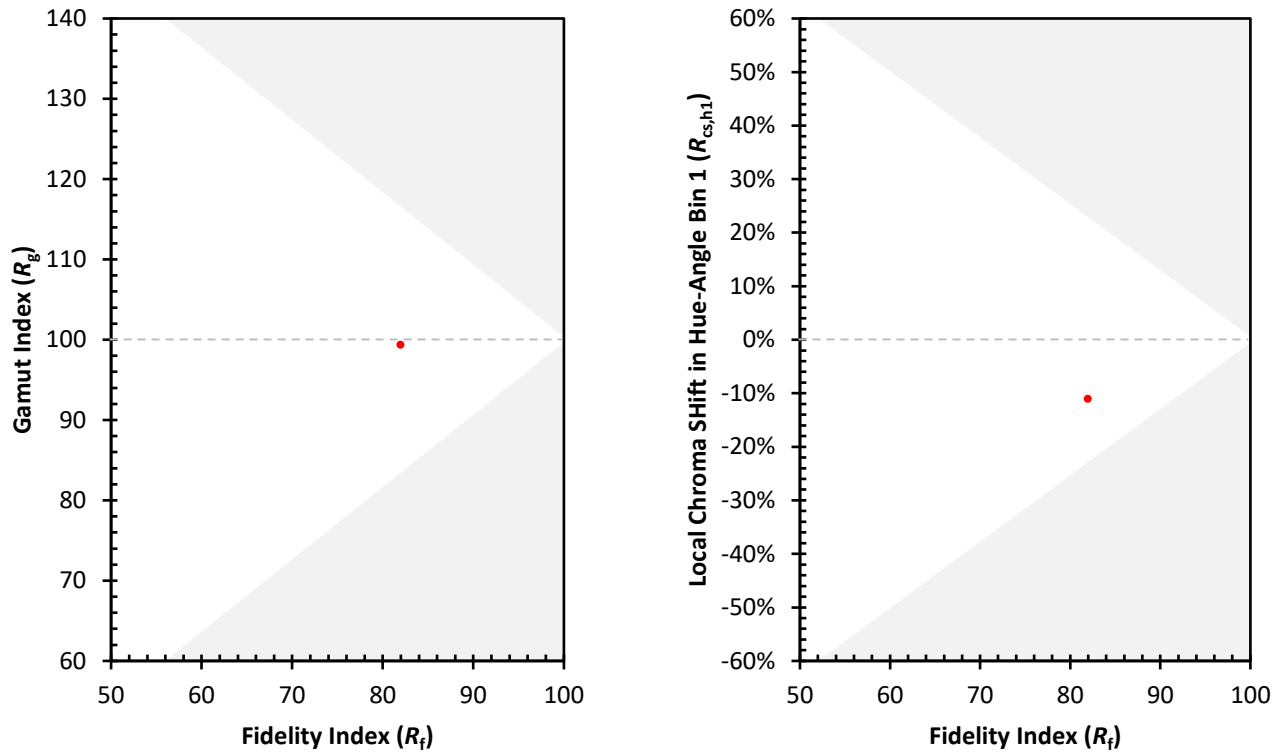
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82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