

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: P1049178

Luminaire Tested: **GALN-SA2B-835-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049178
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2B-835-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
80CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7505.9 lumens
Efficiency: N/A
Efficacy: 103.1 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

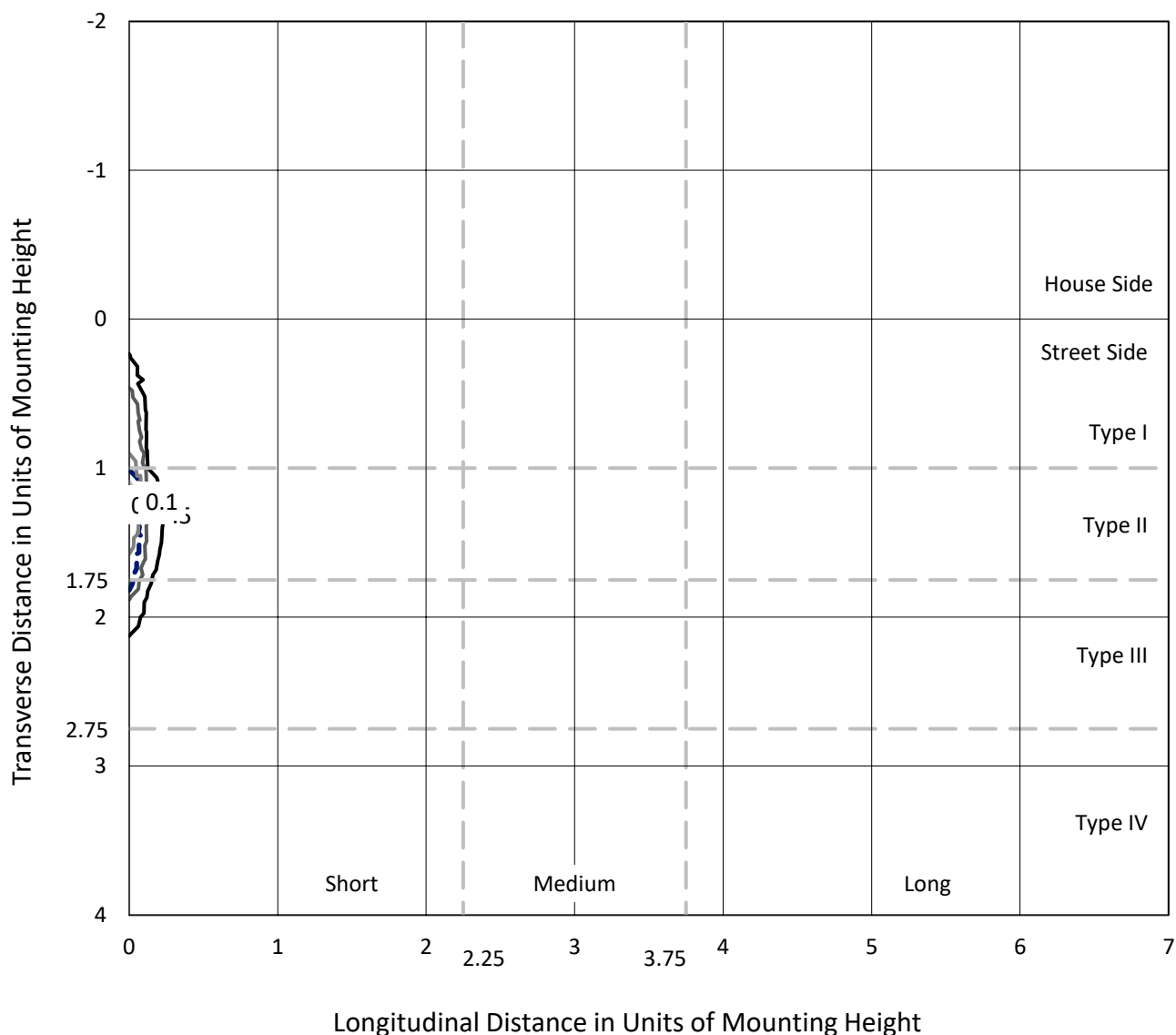
REPORT NUMBER: P1049178

CATALOG NUMBER: GALN-SA2B-835-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

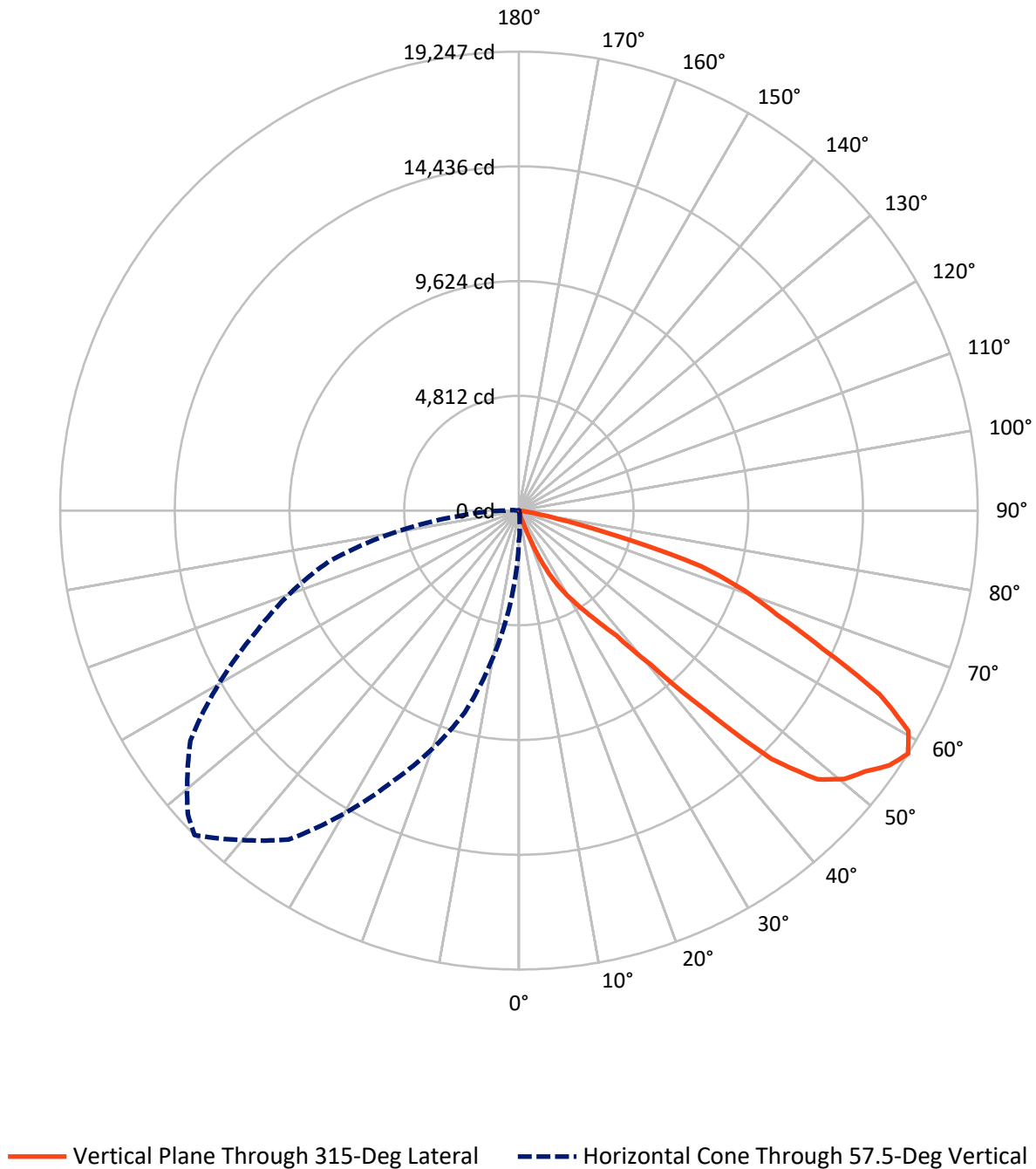


Based on 20 foot mounting height. Maximum calculated value = 1.1 fc

Type III - Short - N/A

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CATALOG NUMBER: GALN-SA2B-835-U-RBC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	37.6	0.0	37.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	7468.4	0.0	7468.4
	% Fixture	99.5	0.0	99.5
Total	Lumens	7505.9	0.0	7505.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.9	0.0
10°-20°	16.5	0.2
20°-30°	177.9	2.4
30°-40°	526.0	7.0
40°-50°	1567.7	20.9
50°-60°	2485.8	33.1
60°-70°	2075.0	27.6
70°-80°	639.9	8.5
80°-90°	14.2	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°	7505.9	100.0
0°-180°	7505.9	100.0



REPORT NUMBER: P1049178

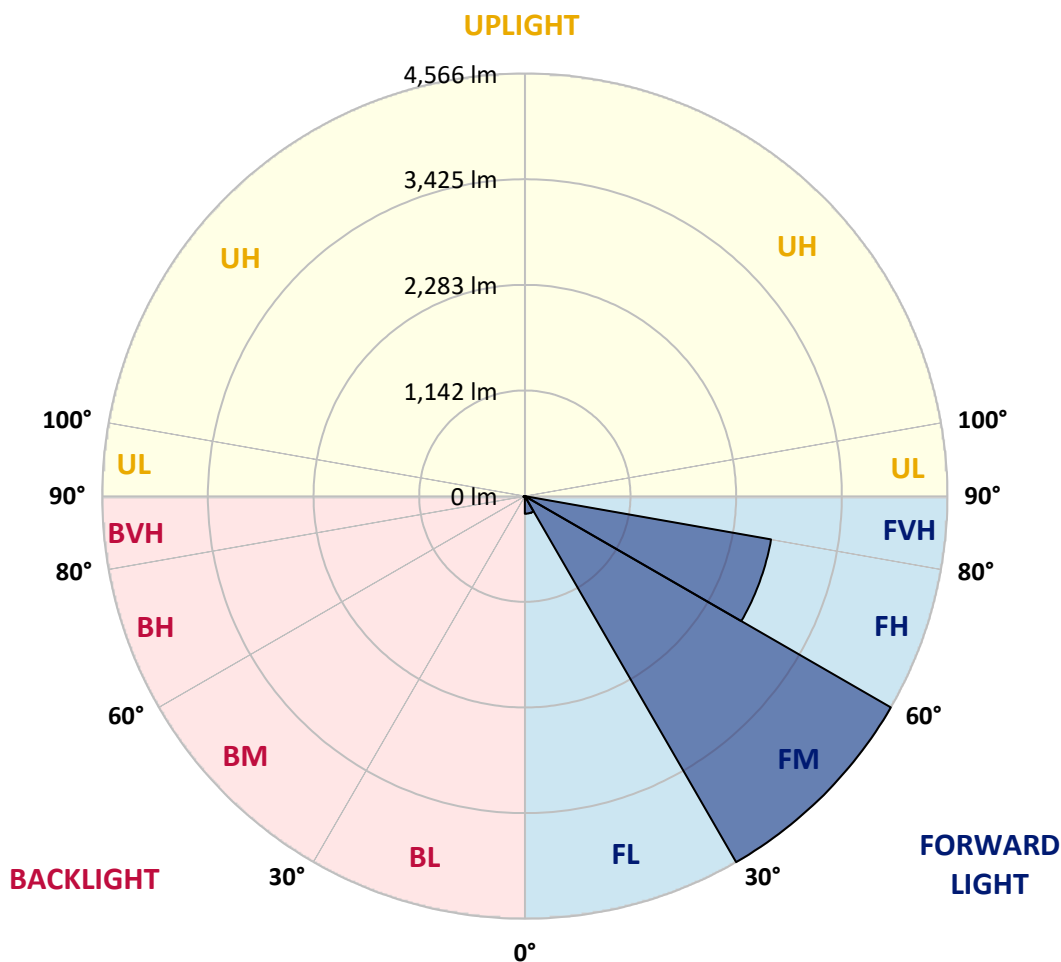
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	190.4	2.5			
FM	(30°-60°)	4566.1	60.8			
FH	(60°-80°)	2700.9	36.0			G2/5000
FVH	(80°-90°)	11.0	0.1			G1/100
BL	(0°-30°)	6.9	0.1	B0/110		
BM	(30°-60°)	13.4	0.2	B0/220		
BH	(60°-80°)	14.0	0.2	B0/110		G0/110
BVH	(80°-90°)	3.2	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°	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
2.5°	30.1	30.1	30.1	30.1	29.5	29.5	28.9	28.9	28.4	28.4
5°	31.8	31.8	31.2	30.6	30.6	30.1	29.5	28.9	28.9	28.4
7.5°	34.6	34.0	33.5	32.9	31.8	31.2	30.1	29.5	28.9	27.8
10°	38.0	36.9	35.7	34.6	33.5	32.3	31.2	30.6	29.5	28.9
12.5°	42.5	40.8	38.6	36.9	35.7	34.0	32.9	31.8	30.1	28.9
15°	46.5	44.2	41.4	39.1	37.4	35.2	33.5	31.8	30.6	28.9
17.5°	52.2	48.2	43.7	40.8	38.6	35.7	32.9	31.2	29.5	27.2
20°	61.8	53.9	45.4	42.0	38.6	35.2	31.8	29.5	27.8	25.5
22.5°	77.1	63.5	49.9	44.8	40.3	35.2	30.6	28.4	26.1	23.8
25°	106.6	82.2	57.9	51.0	44.2	37.4	30.6	27.8	25.5	22.7
27.5°	141.8	105.5	68.6	59.0	49.9	40.3	30.6	27.2	24.4	21.0
30°	177.5	129.3	80.5	68.1	55.6	43.1	30.6	26.7	23.3	19.3
32.5°	211.6	151.4	90.8	76.0	61.3	45.9	31.2	26.7	22.1	17.6
35°	246.2	169.6	92.5	77.1	61.8	45.9	30.6	25.5	21.0	15.9
37.5°	290.4	190.0	89.1	73.7	59.0	43.7	28.9	24.4	19.9	14.7
40°	357.3	224.1	90.8	74.9	59.0	43.1	27.2	22.7	18.7	14.2
42.5°	481.0	289.8	98.1	80.0	61.8	43.1	25.0	21.0	17.6	13.6
45°	831.5	481.6	131.6	104.4	77.1	49.9	22.7	19.3	16.4	13.0
47.5°	1375.5	806.0	236.5	182.6	129.3	75.4	22.1	19.3	16.4	13.0
50°	1755.5	1026.7	297.8	229.2	160.5	91.9	23.3	19.9	17.0	13.6
52.5°	1752.7	1042.5	331.8	254.7	178.1	101.0	24.4	21.0	18.2	14.7
55°	1558.1	948.4	338.1	259.8	182.1	103.8	26.1	22.7	19.3	15.9
57.5°	1302.3	805.4	308.6	238.8	169.6	99.8	30.1	26.1	22.7	18.7
60°	1030.1	635.3	240.5	190.0	140.1	89.6	39.7	34.6	30.1	25.0
62.5°	711.3	460.6	209.9	168.5	127.6	86.2	45.4	40.3	35.7	30.6
65°	503.1	346.6	189.5	154.3	119.7	84.5	49.3	43.7	38.6	32.9
67.5°	376.1	275.7	174.7	144.6	114.6	84.5	54.5	47.6	41.4	34.6
70°	288.1	226.3	163.9	139.5	115.7	91.3	66.9	57.3	48.2	38.6
72.5°	234.8	193.4	151.4	133.9	116.3	98.7	81.1	68.6	56.2	43.1
75°	194.6	165.6	136.7	122.0	107.8	93.0	78.3	66.9	56.2	44.8
77.5°	129.3	118.0	106.1	97.6	89.1	80.0	71.5	61.8	52.8	43.1
80°	45.4	43.7	42.0	45.4	48.8	52.2	55.6	48.8	42.5	35.7
82.5°	6.8	6.2	5.7	6.2	6.8	7.4	7.9	8.5	9.1	9.6
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°	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
0.0	2.5°	27.8	27.8	27.2	27.2	27.2	26.7	26.7	26.1	26.1	26.1
0.0	5°	27.2	27.2	26.7	26.1	25.5	25.5	25.0	24.4	24.4	23.8
0.0	7.5°	26.7	26.1	25.5	25.0	24.4	23.8	23.3	22.7	22.7	22.1
0.0	10°	27.2	26.1	25.5	24.4	23.8	23.3	22.1	21.6	21.0	21.0
0.0	12.5°	26.1	25.5	24.4	23.3	22.7	21.6	21.0	19.9	19.3	19.3
0.0	15°	26.1	25.0	23.3	22.1	21.0	20.4	19.3	18.2	17.6	17.0
0.0	17.5°	24.4	23.3	21.6	20.4	19.3	18.2	17.0	15.9	15.3	14.7
0.0	20°	22.1	21.0	19.3	17.6	16.4	15.3	14.2	13.0	12.5	11.9
0.0	22.5°	19.9	18.7	17.0	15.3	14.2	13.0	11.3	10.2	9.6	8.5
0.0	25°	18.7	17.0	15.3	13.6	11.9	10.8	9.1	7.4	6.2	5.1
0.0	27.5°	15.9	14.2	12.5	10.8	9.1	7.4	5.7	4.0	2.8	2.3
0.0	30°	13.6	11.9	10.2	8.5	6.2	4.5	2.8	0.6	0.6	0.6
0.0	32.5°	11.3	9.6	7.4	5.7	4.5	2.8	1.7	0.0	0.0	0.0
0.0	35°	9.1	7.4	5.1	3.4	2.8	1.7	1.1	0.0	0.0	0.0
0.0	37.5°	7.9	6.2	4.0	1.7	1.1	1.1	0.6	0.0	0.0	0.0
0.0	40°	7.4	5.1	2.8	0.6	0.6	0.6	0.0	0.0	0.0	0.0
0.0	42.5°	7.4	5.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	7.4	5.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	7.4	5.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	7.9	5.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	9.1	6.8	4.5	2.3	1.7	1.1	0.6	0.0	0.0	0.0
0.0	55°	11.3	10.2	8.5	7.4	5.7	4.0	1.7	0.0	0.0	0.0
0.0	57.5°	14.7	14.7	14.2	13.6	10.2	6.8	3.4	0.0	0.0	0.0
0.0	60°	19.9	19.9	19.9	19.9	14.7	10.2	5.1	0.0	0.0	0.0
0.0	62.5°	24.4	23.3	21.6	20.4	15.3	10.2	5.1	0.0	0.0	0.0
0.0	65°	24.4	22.1	19.3	16.4	12.5	8.5	4.0	0.0	0.0	0.0
0.0	67.5°	22.7	18.2	13.0	8.5	6.2	4.5	2.3	0.0	0.0	0.0
	70°	22.7	15.9	9.1	2.3	1.7	1.1	0.6	0.0	0.0	0.0
	72.5°	22.7	15.3	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	25.0	17.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	25.0	17.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	22.1	14.7	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	7.4	5.1	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):

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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°	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
0.0	2.5°	25.5	25.5	25.5	25.0	25.0	25.0	25.0	24.4	24.4	24.4
0.0	5°	23.3	23.3	22.7	22.7	22.1	22.1	21.6	21.6	21.0	21.0
0.0	7.5°	21.6	21.0	21.0	20.4	19.9	19.9	19.3	19.3	18.7	18.2
0.0	10°	19.9	19.3	19.3	18.7	18.2	17.6	17.6	17.0	16.4	15.9
0.0	12.5°	18.2	17.6	17.0	16.4	15.9	15.3	15.3	14.7	14.2	13.6
0.0	15°	15.9	15.3	14.7	14.2	13.6	13.0	13.0	12.5	11.9	11.3
0.0	17.5°	13.6	13.0	13.0	12.5	11.9	11.3	10.8	9.6	9.1	8.5
0.0	20°	10.2	9.6	9.1	8.5	7.9	6.8	6.2	5.1	4.0	3.4
0.0	22.5°	6.8	5.7	5.1	4.0	2.8	2.3	1.7	0.6	0.0	0.0
0.0	25°	2.3	1.7	1.1	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

CATALOG NUMBER: GALN-SA2B-835-U-RBC

[illegible]

REPORT NUMBER: P1049178

CATALOG NUMBER: GALN-SA2B-835-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
0.0	2.5°	23.8	23.8	23.8	23.3	23.3	23.3	23.3	23.3	23.3	23.3
0.0	5°	20.4	20.4	20.4	19.9	19.9	19.3	19.3	19.3	18.7	18.7
0.0	7.5°	17.6	17.0	17.0	16.4	16.4	15.9	15.9	15.9	15.3	15.3
0.0	10°	14.7	14.2	14.2	13.6	13.6	13.0	13.0	12.5	12.5	11.9
0.0	12.5°	13.0	12.5	11.9	11.3	11.3	10.8	10.2	10.2	9.6	9.1
0.0	15°	10.2	9.6	9.1	8.5	7.9	7.4	6.8	6.8	6.2	5.7
0.0	17.5°	6.8	5.7	5.1	4.5	4.5	4.0	3.4	2.8	2.3	1.7
0.0	20°	1.7	1.1	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
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: P1049178

CATALOG NUMBER: GALN-SA2B-835-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049178

CATALOG NUMBER: GALN-SA2B-835-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°	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
0.0	2.5°	23.3	22.7	22.7	22.7	23.3	23.3	23.3	23.3	23.3	23.3
0.0	5°	18.7	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
0.0	7.5°	15.3	14.7	14.7	14.7	14.7	14.2	14.2	14.2	14.2	14.2
0.0	10°	11.9	11.3	11.3	11.3	11.3	10.8	10.8	10.8	10.8	10.8
0.0	12.5°	8.5	8.5	7.9	7.9	7.9	7.4	7.4	7.4	7.4	6.8
0.0	15°	5.1	4.5	4.0	4.0	4.0	3.4	3.4	3.4	3.4	2.8
0.0	17.5°	1.1	1.1	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: P1049178

CATALOG NUMBER: GALN-SA2B-835-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049178

CATALOG NUMBER: GALN-SA2B-835-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
0.0	2.5°	23.8	23.8	24.4	24.4	25.0	26.1	26.7	27.2	28.4	29.5
0.0	5°	18.7	19.3	19.3	19.9	20.4	21.0	21.6	22.1	23.3	24.4
0.0	7.5°	14.7	14.7	15.3	15.3	15.9	17.0	17.6	18.2	19.3	21.0
0.0	10°	11.3	11.3	11.9	11.9	12.5	13.6	14.2	14.7	15.9	17.6
0.0	12.5°	7.4	7.9	7.9	8.5	9.1	10.2	10.8	11.3	12.5	13.6
0.0	15°	3.4	4.0	4.0	4.5	5.1	6.2	6.8	7.4	8.5	10.2
0.0	17.5°	0.6	0.6	1.1	1.1	1.7	2.3	2.8	3.4	5.1	6.2
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	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: P1049178

CATALOG NUMBER: GALN-SA2B-835-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049178

CATALOG NUMBER: GALN-SA2B-835-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°	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
0.0	2.5°	31.2	32.3	33.5	34.6	35.7	36.9	37.4	38.6	39.1	39.7
0.0	5°	26.7	27.8	29.5	30.6	31.8	32.9	34.0	34.6	35.2	35.7
0.0	7.5°	23.3	24.4	26.1	27.2	28.4	29.5	30.6	31.8	32.3	32.9
0.0	10°	19.9	21.6	22.7	24.4	25.5	26.7	27.8	28.9	30.1	30.6
0.0	12.5°	15.9	17.6	19.3	20.4	22.1	23.8	25.0	26.1	27.2	28.4
0.0	15°	12.5	14.2	15.9	17.0	18.7	20.4	22.1	23.3	24.4	25.5
0.0	17.5°	9.1	10.8	12.5	13.6	15.3	17.0	18.2	19.9	21.0	22.1
0.0	20°	4.5	6.2	7.9	9.6	11.3	13.0	14.2	15.9	17.0	18.2
0.0	22.5°	0.6	2.3	4.0	5.1	6.8	8.5	9.6	11.3	12.5	13.6
0.0	25°	0.0	0.6	1.7	2.3	2.8	4.0	5.1	6.2	7.4	8.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.6	1.1	2.3	3.4	4.5
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	1.1
	85°	0.0	0.0	0.0	0.0	0.0	1.1	1.7	2.8	3.4	4.0
	87.5°	0.0	0.6	1.1	1.7	2.3	3.4	4.5	5.7	6.2	6.8
	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: P1049178

CATALOG NUMBER: GALN-SA2B-835-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
32.9	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
36.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.7	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											
5.1											
7.4											
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REPORT NUMBER: P1049178

CATALOG NUMBER: GALN-SA2B-835-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
0.0	2.5°	40.3	40.3	40.3	40.3	39.7	39.7	39.7	39.1	39.1	38.6
0.0	5°	36.9	37.4	37.4	37.4	37.4	37.4	37.4	37.4	36.9	36.9
0.0	7.5°	34.0	34.6	35.2	35.2	35.7	35.7	35.7	35.2	35.2	34.6
0.0	10°	32.3	32.9	32.9	33.5	33.5	33.5	33.5	33.5	33.5	33.5
0.0	12.5°	30.1	30.6	31.2	31.2	31.8	31.8	31.8	31.8	31.2	31.2
0.0	15°	27.2	28.4	28.9	29.5	29.5	30.1	30.1	30.1	30.1	30.1
0.0	17.5°	25.0	26.1	26.7	27.2	27.2	27.8	27.8	28.4	28.4	28.4
0.0	20°	20.4	21.6	22.1	23.3	23.8	24.4	25.0	25.5	25.5	26.1
0.0	22.5°	15.9	17.0	17.6	18.7	19.3	19.9	20.4	21.0	21.6	22.1
0.0	25°	11.3	12.5	13.0	14.2	14.7	15.3	15.9	16.4	16.4	17.0
0.0	27.5°	6.2	7.4	8.5	9.1	10.2	10.8	11.3	11.9	12.5	13.0
0.0	30°	2.8	3.4	4.0	5.1	5.7	6.2	6.8	7.9	8.5	9.1
0.0	32.5°	0.0	0.0	0.6	1.7	2.3	2.8	3.4	4.0	4.0	4.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.1	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°	1.1	1.1	1.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	82.5°	2.8	3.4	4.0	4.0	4.5	4.5	4.5	4.5	4.0	4.0
	85°	5.7	6.2	6.8	6.8	7.4	7.4	7.4	7.4	7.4	7.4
	87.5°	7.9	8.5	9.1	9.1	9.6	9.6	9.6	9.6	9.6	9.6
	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: P1049178

CATALOG NUMBER: GALN-SA2B-835-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
32.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	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											
0.0											
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1.7											
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REPORT NUMBER: P1049178

CATALOG NUMBER: GALN-SA2B-835-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°	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
0.0	2.5°	38.0	38.0	37.4	37.4	37.4	37.4	37.4	38.0	38.6	38.6
0.0	5°	36.3	36.3	35.7	35.7	35.7	36.3	36.3	36.9	37.4	38.0
0.0	7.5°	34.6	34.0	34.0	34.6	34.6	35.2	35.2	35.7	36.3	36.9
0.0	10°	33.5	32.9	32.9	32.9	33.5	33.5	34.0	34.6	35.2	35.7
0.0	12.5°	31.2	31.2	31.2	31.2	31.8	31.8	32.3	32.9	34.0	34.6
0.0	15°	30.1	29.5	29.5	29.5	29.5	30.1	30.1	31.2	32.3	32.9
0.0	17.5°	27.8	27.8	27.2	27.2	27.8	27.8	28.4	29.5	30.6	31.2
0.0	20°	25.5	25.0	24.4	24.4	25.0	25.0	25.5	26.7	27.8	28.4
0.0	22.5°	22.1	21.6	21.6	21.6	21.6	22.1	22.1	23.3	25.0	26.1
0.0	25°	17.6	18.2	18.2	18.7	18.7	19.3	19.9	21.0	22.7	23.8
0.0	27.5°	13.6	14.2	14.2	15.3	15.9	16.4	17.0	18.7	20.4	21.6
0.0	30°	10.2	10.8	11.3	11.9	13.0	14.2	15.3	17.0	18.7	19.9
0.0	32.5°	6.2	7.4	7.9	9.1	10.2	11.3	12.5	14.2	16.4	18.2
0.0	35°	4.5	5.1	6.2	6.8	7.9	9.1	10.2	12.5	14.2	16.4
0.0	37.5°	2.3	3.4	4.5	5.7	6.8	7.9	9.1	11.3	13.6	15.3
0.0	40°	1.7	2.8	3.4	4.5	6.2	7.4	8.5	10.8	13.0	15.3
0.0	42.5°	1.1	1.7	2.3	4.0	5.1	6.8	8.5	10.8	13.0	15.3
0.0	45°	1.1	1.1	1.7	3.4	5.1	7.4	9.1	11.3	13.0	15.3
0.0	47.5°	1.1	1.7	2.3	4.5	5.7	7.4	9.1	10.8	13.0	14.7
0.0	50°	1.7	2.3	2.8	5.1	6.2	7.9	9.1	11.3	13.0	15.3
0.0	52.5°	1.1	1.7	2.3	4.5	6.2	8.5	10.2	12.5	14.7	16.4
0.0	55°	0.6	0.6	0.6	3.4	6.8	9.6	13.0	14.7	17.0	18.7
0.0	57.5°	0.0	0.0	0.0	2.3	6.8	10.8	14.7	17.0	19.3	21.0
0.0	60°	0.0	0.0	0.0	2.3	6.8	10.8	14.7	17.6	20.4	23.3
0.0	62.5°	0.0	0.0	0.0	2.3	5.7	9.1	12.5	17.0	22.1	26.7
0.0	65°	0.0	0.0	0.0	1.7	4.5	7.4	10.2	17.0	23.8	30.1
0.0	67.5°	0.0	0.0	0.0	1.7	4.5	6.8	9.6	17.0	23.8	31.2
	70°	0.0	0.0	0.0	1.7	4.5	7.4	10.2	17.0	23.8	30.6
	72.5°	0.0	0.0	0.0	1.7	5.1	7.9	11.3	17.0	22.7	28.4
	75°	0.0	0.0	0.0	2.3	5.1	8.5	11.9	17.0	22.1	26.7
	77.5°	0.0	0.0	0.0	1.7	5.1	7.9	11.3	16.4	21.6	26.1
	80°	1.7	1.1	1.1	2.8	5.1	7.4	9.6	14.7	20.4	25.5
	82.5°	3.4	3.4	2.8	4.0	5.1	6.8	8.5	13.0	18.2	22.7
	85°	6.8	6.8	6.2	6.8	6.8	7.4	7.9	10.2	12.5	14.7
	87.5°	9.1	9.1	8.5	8.5	8.5	7.9	7.9	7.9	7.9	7.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049178

CATALOG NUMBER: GALN-SA2B-835-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
32.9	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
38.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4											
34.0											
31.8											
31.2											
30.6											
27.2											
17.0											
7.4											
0.0											
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REPORT NUMBER: P1049178

CATALOG NUMBER: GALN-SA2B-835-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
0.0	2.5°	39.7	40.3	40.3	40.8	41.4	42.0	42.0	42.5	42.5	42.5
0.0	5°	39.1	40.3	40.8	41.4	42.0	42.5	43.1	43.7	44.2	44.2
0.0	7.5°	38.6	39.1	40.3	40.8	42.0	42.5	43.7	44.2	44.8	45.4
0.0	10°	37.4	38.6	39.7	40.8	42.0	43.1	44.2	45.4	46.5	47.1
0.0	12.5°	36.3	38.0	39.1	40.3	42.0	43.7	44.8	46.5	47.6	48.8
0.0	15°	35.7	36.9	38.6	39.7	42.0	44.2	45.9	48.2	50.5	52.2
0.0	17.5°	34.0	36.3	38.0	39.7	42.0	44.8	47.1	49.3	52.8	56.2
0.0	20°	31.8	33.5	35.7	37.4	40.8	43.7	47.1	49.9	55.0	60.1
0.0	22.5°	29.5	31.8	33.5	35.7	39.7	43.1	47.1	50.5	59.0	66.9
0.0	25°	27.2	30.1	32.3	34.6	39.1	43.7	48.2	52.8	66.9	81.1
0.0	27.5°	26.1	28.4	31.2	33.5	39.1	45.4	51.0	56.7	79.4	101.5
0.0	30°	24.4	27.2	29.5	32.3	39.7	47.1	54.5	61.8	96.4	131.0
0.0	32.5°	22.7	25.5	28.4	31.2	40.8	50.5	59.6	69.2	114.6	159.4
0.0	35°	21.0	24.4	27.2	30.1	42.5	55.6	68.1	80.5	131.0	180.9
0.0	37.5°	20.4	23.8	26.7	29.5	43.1	56.2	69.8	82.8	132.7	182.6
0.0	40°	21.0	23.8	27.2	30.1	41.4	52.8	63.5	74.9	127.1	178.7
0.0	42.5°	21.0	24.4	27.8	31.2	40.3	49.3	58.4	67.5	125.4	183.2
0.0	45°	20.4	23.8	27.2	30.6	39.1	47.1	55.6	63.5	135.6	207.0
0.0	47.5°	19.9	23.3	26.7	30.1	38.6	47.1	55.6	64.1	175.3	285.9
0.0	50°	19.9	23.3	26.1	28.9	39.1	49.9	60.1	70.3	255.2	439.6
0.0	52.5°	21.0	23.8	26.1	28.4	40.3	52.8	64.7	76.6	324.4	571.8
0.0	55°	22.7	24.4	26.7	28.4	43.1	57.3	72.0	86.2	345.4	604.7
0.0	57.5°	25.0	26.7	28.4	30.1	48.2	66.4	83.9	102.1	347.1	591.6
0.0	60°	27.8	30.1	31.8	33.5	52.8	72.6	91.9	111.2	314.2	516.7
0.0	62.5°	34.0	36.9	39.1	42.0	60.7	78.8	97.6	115.7	260.9	406.1
0.0	65°	39.1	41.4	43.7	45.9	64.1	82.8	101.0	119.1	221.2	323.3
0.0	67.5°	40.3	42.5	44.2	46.5	65.2	83.9	102.1	120.8	189.5	257.5
	70°	40.8	43.7	47.1	49.9	69.2	88.5	107.2	126.5	167.9	209.3
	72.5°	39.1	44.8	49.9	55.0	73.2	90.8	108.9	126.5	156.0	185.5
	75°	39.1	47.1	54.5	61.8	75.4	88.5	102.1	115.1	137.8	160.5
	77.5°	41.4	51.6	61.8	72.0	80.0	87.4	95.3	102.7	117.4	132.2
	80°	41.4	52.2	62.4	73.2	76.6	80.5	83.9	87.4	89.1	90.8
	82.5°	35.7	44.2	52.8	61.3	57.3	53.3	49.3	45.4	42.5	39.1
	85°	18.2	19.9	21.0	22.1	20.4	18.7	17.0	15.3	14.2	12.5
	87.5°	7.4	7.4	6.8	6.8	6.8	6.8	6.2	6.2	6.2	6.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049178

CATALOG NUMBER: GALN-SA2B-835-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
32.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
227.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
284.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
322.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
351.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
437.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
550.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
839.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1285.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1618.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1655.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1494.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1277.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
998.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
754.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
557.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
394.2											
293.3											
213.3											
160.5											
90.2											
40.8											
11.9											
5.7											
0.0											
0.0											
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REPORT NUMBER: P1049178

CATALOG NUMBER: GALN-SA2B-835-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°	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
0.0	2.5°	42.5	42.0	42.0	41.4	40.8	40.3	39.7	39.1	38.6	38.0
0.0	5°	44.2	44.2	44.2	43.7	43.7	43.1	43.1	42.5	42.0	41.4
0.0	7.5°	45.9	46.5	46.5	47.1	47.1	47.1	47.1	46.5	46.5	46.5
0.0	10°	48.8	49.3	49.9	50.5	51.0	51.6	51.6	52.2	52.2	52.2
0.0	12.5°	52.2	53.9	55.0	56.7	57.9	59.6	60.7	62.4	63.5	64.7
0.0	15°	57.3	60.1	63.5	66.4	69.2	73.2	77.7	81.7	85.6	91.9
0.0	17.5°	64.7	73.7	82.8	91.3	100.4	120.3	140.1	159.4	179.2	208.2
0.0	20°	78.8	106.1	132.7	160.0	186.6	256.4	325.6	395.4	464.6	538.9
0.0	22.5°	110.6	177.5	244.5	311.4	378.3	524.1	669.3	815.1	960.3	1131.0
0.0	25°	160.5	283.6	406.7	529.2	652.3	880.3	1108.9	1336.9	1565.0	1786.7
0.0	27.5°	233.7	422.0	610.3	798.1	986.4	1295.5	1605.2	1914.4	2223.5	2474.2
0.0	30°	323.9	579.1	834.4	1089.6	1344.9	1696.5	2048.2	2399.3	2751.0	3025.0
0.0	32.5°	409.0	721.5	1034.0	1346.0	1658.5	2059.0	2460.0	2860.5	3260.9	3560.4
0.0	35°	464.6	842.3	1220.7	1598.4	1976.2	2409.5	2842.9	3275.7	3709.0	4051.1
0.0	37.5°	520.1	956.3	1392.0	1828.1	2263.8	2739.7	3215.6	3691.5	4167.4	4589.9
0.0	40°	582.5	1094.2	1605.2	2116.9	2627.9	3191.7	3755.0	4318.8	4882.0	5478.2
0.0	42.5°	690.9	1322.8	1955.2	2587.1	3219.0	3964.9	4710.7	5456.1	6202.0	7052.8
0.0	45°	894.5	1785.0	2676.1	3566.7	4457.2	5445.3	6434.0	7422.0	8410.1	9542.3
0.0	47.5°	1393.1	2618.3	3842.9	5068.1	6292.7	7359.7	8426.0	9493.0	10559.3	11687.0
0.0	50°	2131.6	3557.6	4983.6	6409.0	7835.0	8800.4	9765.2	10730.6	11695.5	12768.1
0.0	52.5°	2665.9	4151.5	5637.6	7123.1	8608.7	9479.9	10351.7	11223.0	12094.2	13096.5
0.0	55°	2706.2	4183.2	5660.8	7137.9	8614.9	9490.1	10365.3	11240.6	12115.8	13178.2
0.0	57.5°	2395.9	3861.1	5325.6	6790.7	8255.3	9251.9	10247.9	11244.5	12240.6	13389.2
0.0	60°	2038.0	3503.7	4968.8	6434.5	7899.6	9047.7	10196.3	11344.4	12492.4	13568.4
0.0	62.5°	1589.9	3097.6	4605.8	6113.5	7621.1	8786.8	9952.4	11117.5	12283.1	13090.3
0.0	65°	1184.9	2648.9	4112.9	5576.3	7040.3	7974.0	8907.6	9840.7	10774.3	11274.0
0.0	67.5°	856.5	2119.1	3381.2	4643.8	5905.9	6574.1	7242.2	7909.9	8578.0	8960.3
	70°	579.1	1453.8	2327.9	3202.5	4076.6	4625.7	5175.3	5724.4	6273.4	6789.6
	72.5°	401.0	892.2	1384.0	1875.2	2366.4	2918.9	3470.8	4023.3	4575.2	5121.4
	75°	266.0	489.5	713.6	937.0	1160.5	1569.5	1979.0	2388.0	2797.0	3122.5
	77.5°	188.9	255.8	323.3	390.2	457.2	533.8	610.9	687.5	764.0	880.3
	80°	89.6	98.1	106.6	114.6	123.1	150.9	178.7	206.5	234.3	263.8
	82.5°	42.5	45.9	49.3	52.2	55.6	58.4	61.3	64.1	66.9	64.1
	85°	11.3	11.3	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.3
	87.5°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.5	4.5	4.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049178

CATALOG NUMBER: GALN-SA2B-835-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
32.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
236.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
613.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1301.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2724.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3299.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3860.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4393.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5013.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6074.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7903.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10674.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12814.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13840.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14098.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14241.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14537.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14643.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13898.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11774.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9343.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7305.2											
5667.6											
3448.1											
996.6											
293.3											
60.7											
10.8											
4.0											
0.0											
0.0											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049178

CATALOG NUMBER: GALN-SA2B-835-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
0.0	2.5°	36.9	36.3	35.7	35.2	34.6	33.5	33.5	32.9	32.9
0.0	5°	40.3	39.7	39.1	38.6	38.6	38.0	37.4	37.4	36.9
0.0	7.5°	45.9	45.4	44.8	44.2	44.2	43.7	43.7	43.1	43.1
0.0	10°	52.8	52.8	52.8	52.8	52.8	52.2	52.2	52.2	51.6
0.0	12.5°	66.4	66.9	68.1	69.2	70.9	70.9	70.9	70.3	70.3
0.0	15°	104.9	111.2	115.7	120.3	124.2	133.3	132.2	130.5	129.3
0.0	17.5°	265.5	293.8	309.1	323.9	339.2	381.2	374.4	367.6	361.3
0.0	20°	688.0	762.3	811.7	861.0	911.0	989.8	970.5	951.2	931.9
0.0	22.5°	1471.9	1642.7	1717.0	1791.3	1865.0	1960.3	1898.5	1836.7	1775.4
0.0	25°	2229.7	2451.5	2576.9	2702.2	2827.0	2881.5	2800.9	2719.8	2639.3
0.0	27.5°	2975.6	3226.3	3336.9	3447.0	3557.6	3671.6	3571.8	3471.4	3371.5
0.0	30°	3573.5	3847.4	3967.1	4086.2	4205.9	4285.3	4182.1	4078.3	3975.1
0.0	32.5°	4160.0	4459.5	4590.5	4721.5	4852.0	4966.0	4838.9	4711.3	4584.3
0.0	35°	4734.6	5076.6	5257.0	5437.4	5617.7	5723.8	5572.9	5421.5	5270.6
0.0	37.5°	5435.6	5858.2	6060.2	6262.1	6464.0	6657.4	6491.2	6324.5	6158.3
0.0	40°	6670.5	7266.6	7576.3	7886.6	8196.3	8445.9	8236.0	8026.1	7816.3
0.0	42.5°	8754.4	9605.3	10050.5	10495.2	10940.5	11330.2	11109.5	10888.9	10668.2
0.0	45°	11806.6	12938.8	13481.6	14023.9	14566.7	14851.5	14533.8	14215.6	13898.0
0.0	47.5°	13941.7	15069.3	15552.6	16035.8	16519.1	16844.1	16455.6	16067.0	15679.0
0.0	50°	14912.7	15985.3	16470.3	16954.7	17439.7	17697.8	17249.1	16799.9	16351.2
0.0	52.5°	15100.5	16102.8	16681.3	17260.4	17839.0	18183.9	17654.1	17123.7	16594.0
0.0	55°	15303.5	16365.9	17037.0	17708.5	18379.6	18857.2	18258.2	17658.6	17059.6
0.0	57.5°	15685.8	16834.5	17503.8	18172.5	18841.8	19247.4	18646.7	18045.5	17444.8
0.0	60°	15719.9	16795.3	17370.5	17946.2	18521.4	18776.6	18202.0	17626.9	17052.3
0.0	62.5°	14705.1	15512.3	15911.6	16310.9	16710.2	16987.6	16388.1	15787.9	15188.4
0.0	65°	12274.0	12773.7	13092.0	13410.2	13728.4	14059.1	13510.0	12960.9	12411.9
0.0	67.5°	9725.5	10107.8	10527.0	10946.2	11365.3	11718.7	11279.1	10839.0	10399.4
	70°	7821.4	8337.0	8808.3	9279.7	9751.0	10040.3	9599.0	9157.2	8715.9
	72.5°	6213.9	6760.1	7153.8	7546.8	7940.5	8011.4	7686.9	7362.5	7038.6
	75°	3773.1	4098.7	4106.7	4114.0	4122.0	4189.5	3920.6	3651.7	3383.5
	77.5°	1112.9	1229.2	1325.0	1420.3	1516.2	1631.9	1533.2	1433.9	1335.2
	80°	322.2	351.7	376.6	401.0	426.0	411.2	388.0	364.7	341.5
	82.5°	57.9	54.5	53.9	53.3	53.3	50.5	45.9	41.4	36.9
	85°	10.2	9.6	9.1	8.5	7.9	7.4	6.2	5.7	4.5
	87.5°	3.4	2.8	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



REPORT NUMBER: P1049178

CATALOG NUMBER: GALN-SA2B-835-U-RBC

CANDELA DISTRIBUTION (continued):

REPORT NUMBER: P1049178

CATALOG NUMBER: GALN-SA2B-835-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°	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
0.0	0.0	2.5°	32.3	31.8	31.8	31.8	31.8	31.2	31.2	31.2	31.2
0.0	0.0	5°	35.7	35.7	35.2	35.2	34.6	34.6	34.0	34.0	33.5
0.0	0.0	7.5°	42.0	41.4	40.8	40.3	39.7	38.6	38.0	37.4	37.4
0.0	0.0	10°	50.5	49.3	48.8	47.6	47.1	45.9	44.8	43.7	42.5
0.0	0.0	12.5°	66.4	64.1	62.4	60.1	57.9	56.2	53.9	52.2	49.9
0.0	0.0	15°	115.1	109.5	103.2	95.9	87.9	80.5	72.6	68.1	63.0
0.0	0.0	17.5°	294.4	264.9	234.8	210.4	186.0	162.2	137.8	120.3	102.7
0.0	0.0	20°	749.3	667.6	585.9	505.4	424.3	343.7	262.6	221.8	180.9
0.0	0.0	22.5°	1410.1	1258.7	1106.6	959.7	812.3	665.3	518.4	426.0	334.1
0.0	0.0	25°	2176.4	1985.8	1795.2	1553.6	1311.4	1069.8	828.1	677.8	527.5
0.0	0.0	27.5°	2832.1	2612.6	2393.1	2099.3	1805.5	1511.6	1217.8	993.8	770.3
0.0	0.0	30°	3399.9	3163.9	2928.0	2585.9	2243.9	1901.9	1559.8	1279.6	999.4
0.0	0.0	32.5°	3892.2	3609.8	3327.3	2974.5	2621.7	2268.9	1916.1	1572.3	1228.6
0.0	0.0	35°	4460.0	4130.5	3800.4	3409.0	3017.0	2625.7	2234.3	1846.3	1457.8
0.0	0.0	37.5°	5181.5	4777.1	4372.1	3935.9	3499.7	3064.1	2627.9	2184.4	1740.8
0.0	0.0	40°	6562.7	6040.9	5519.0	4964.9	4410.1	3855.9	3301.8	2757.2	2212.7
0.0	0.0	42.5°	9037.5	8332.4	7627.4	6890.0	6152.0	5414.7	4676.7	3908.7	3140.1
0.0	0.0	45°	11830.5	10955.8	10080.6	9253.0	8424.9	7597.3	6769.7	5715.9	4662.0
0.0	0.0	47.5°	13401.1	12456.7	11512.3	10728.9	9945.6	9162.3	8378.9	7242.8	6106.7
0.0	0.0	50°	13979.1	13017.7	12056.2	11335.3	10613.8	9892.8	9171.3	8033.5	6895.1
0.0	0.0	52.5°	14102.2	13121.5	12140.7	11415.3	10689.8	9964.9	9239.4	8108.9	6978.5
0.0	0.0	55°	14355.2	13303.0	12250.2	11423.2	10596.2	9769.2	8942.2	7793.6	6645.0
0.0	0.0	57.5°	14685.8	13607.0	12528.1	11586.0	10643.8	9702.3	8760.1	7504.3	6248.5
0.0	0.0	60°	14599.1	13660.3	12721.0	11711.9	10702.3	9693.2	8683.5	7302.4	5920.6
0.0	0.0	62.5°	13092.5	12344.9	11596.8	10766.9	9936.5	9106.7	8276.8	6854.8	5432.8
0.0	0.0	65°	10770.9	10225.2	9679.6	9012.0	8343.8	7676.2	7008.5	5733.4	4458.9
0.0	0.0	67.5°	8729.5	8114.6	7499.2	6967.1	6434.5	5902.5	5369.9	4366.4	3363.0
		70°	6935.4	6266.6	5597.3	5077.7	4557.6	4038.0	3518.5	2851.4	2184.9
		72.5°	5507.7	4904.7	4301.8	3747.6	3192.9	2638.7	2084.0	1689.7	1295.5
		75°	2632.5	2391.4	2150.3	1860.5	1570.6	1280.8	990.9	819.1	647.8
		77.5°	975.6	845.7	715.3	597.3	479.3	361.9	243.9	223.5	203.1
		80°	252.4	220.1	187.2	163.9	140.1	116.8	93.6	84.5	76.0
		82.5°	28.9	26.7	25.0	23.8	22.1	21.0	19.3	17.6	15.9
		85°	1.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049178
CATALOG NUMBER: GALN-SA2B-835-U-RBC

CANDELA DISTRIBUTION (continued):

REPORT NUMBER: P1049178

CATALOG NUMBER: GALN-SA2B-835-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	32.9	32.9
0.0	0.0	2.5°	30.6	30.1
0.0	0.0	5°	32.3	31.8
0.0	0.0	7.5°	35.7	34.6
0.0	0.0	10°	39.1	38.0
0.0	0.0	12.5°	44.2	42.5
0.0	0.0	15°	49.9	46.5
0.0	0.0	17.5°	59.6	52.2
0.0	0.0	20°	80.5	61.8
0.0	0.0	22.5°	113.4	77.1
0.0	0.0	25°	166.8	106.6
0.0	0.0	27.5°	232.0	141.8
0.0	0.0	30°	308.6	177.5
0.0	0.0	32.5°	376.1	211.6
0.0	0.0	35°	464.0	246.2
0.0	0.0	37.5°	572.3	290.4
0.0	0.0	40°	740.2	357.3
0.0	0.0	42.5°	1042.5	481.0
0.0	0.0	45°	1693.1	831.5
0.0	0.0	47.5°	2605.2	1375.5
0.0	0.0	50°	3187.2	1755.5
0.0	0.0	52.5°	3234.8	1752.7
0.0	0.0	55°	2952.9	1558.1
0.0	0.0	57.5°	2519.6	1302.3
0.0	0.0	60°	2094.2	1030.1
0.0	0.0	62.5°	1650.0	711.3
0.0	0.0	65°	1205.9	503.1
0.0	0.0	67.5°	866.1	376.1
		70°	569.5	288.1
		72.5°	371.0	234.8
		75°	249.6	194.6
		77.5°	145.8	129.3
		80°	51.6	45.4
		82.5°	9.6	6.8
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049178

CATALOG NUMBER: GALN-SA2B-835-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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

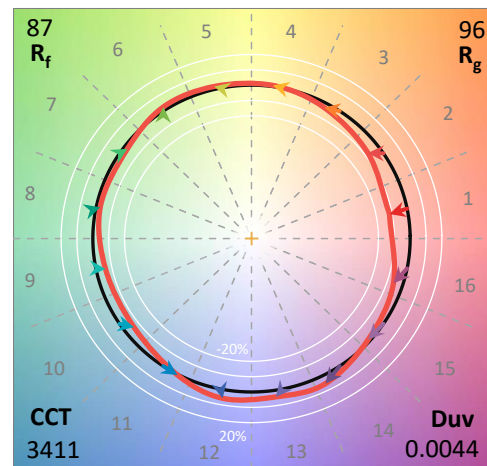
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-10
 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-835-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3411
 CIE u' : 0.2360
 CIE v' : 0.5189
 Duv: 0.0044
 CIE x: 0.4154
 CIE y: 0.4059
 CIE z: 0.1787
 Peak Wavelength (nm): 601
 Dominant Wavelength (nm): 579
 Purity: 46.51914
 R_f: 86.6
 R_g: 95.9

CRI (Ra): 83.5
 R1: 81.1
 R2: 88.9
 R3: 97.2
 R4: 83.8
 R5: 81.7
 R6: 86.9
 R7: 86.1
 R8: 62.2
 R9: 6.3
 R10: 75.4
 R11: 84.1
 R12: 69.7
 R13: 82.8
 R14: 98.5
 R15: 72.6



Test Conditions

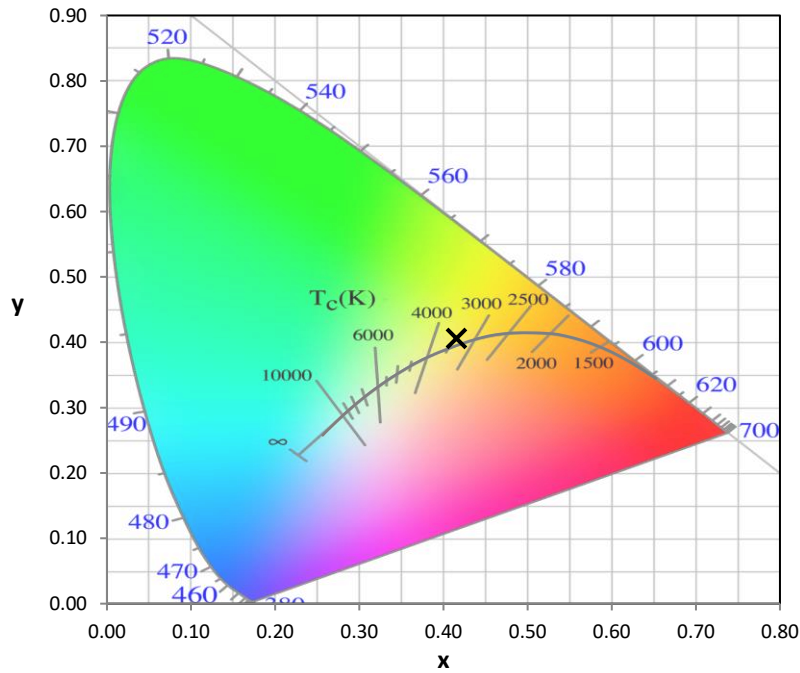
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-10

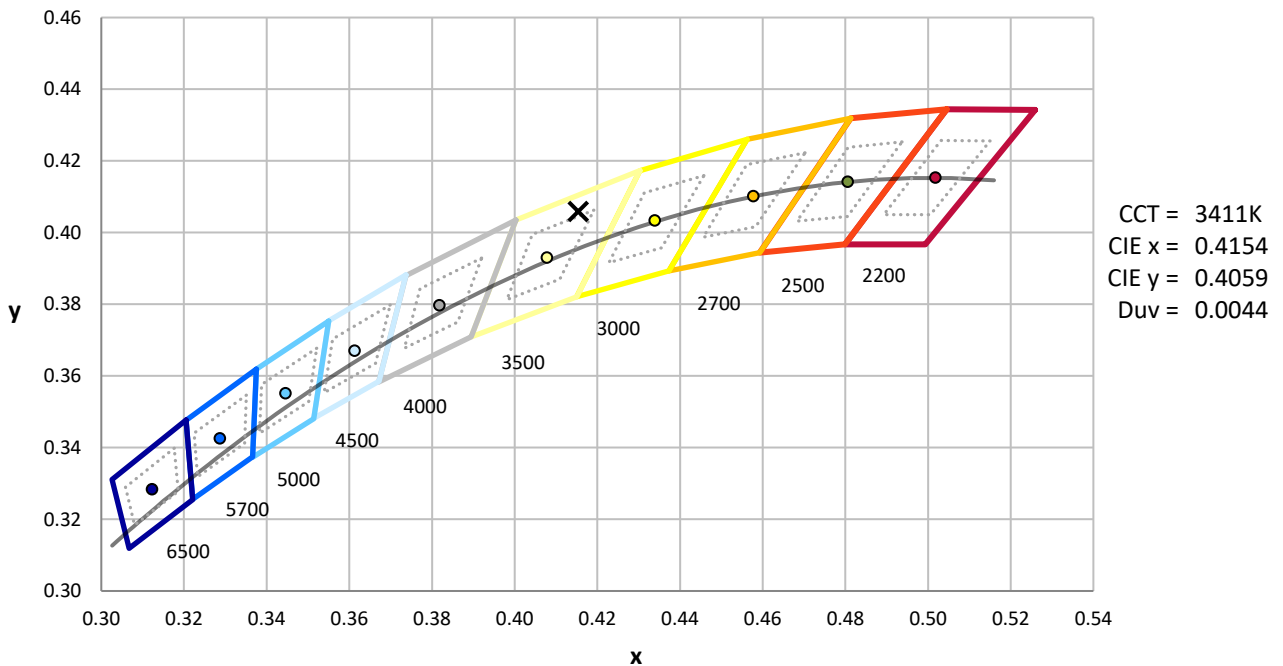
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



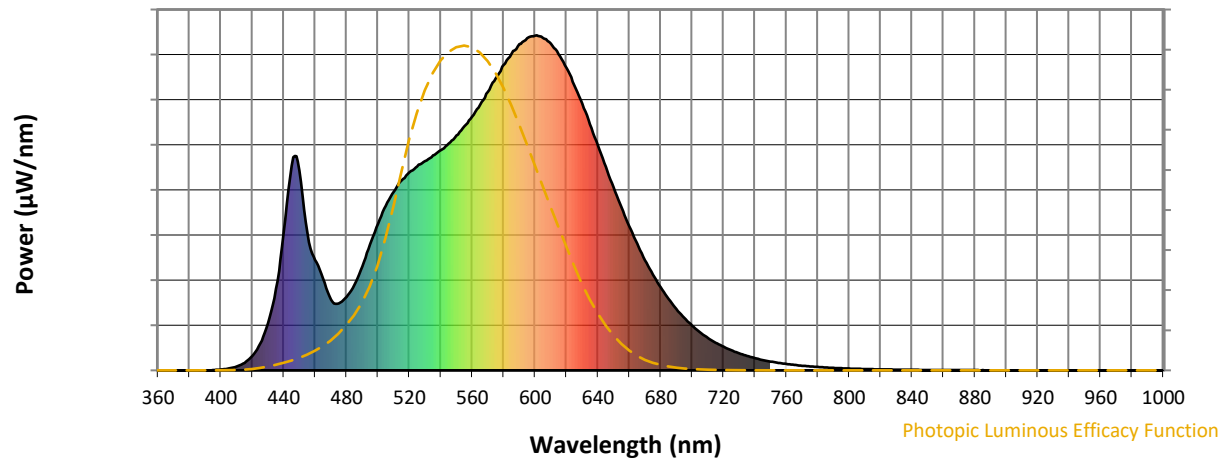
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

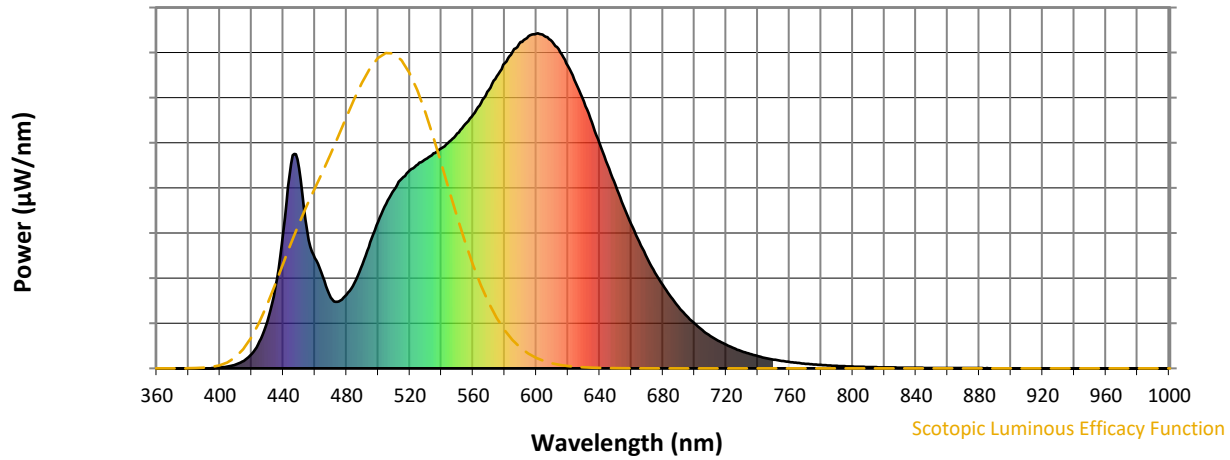


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Scotopic Flux vs. Wavelength



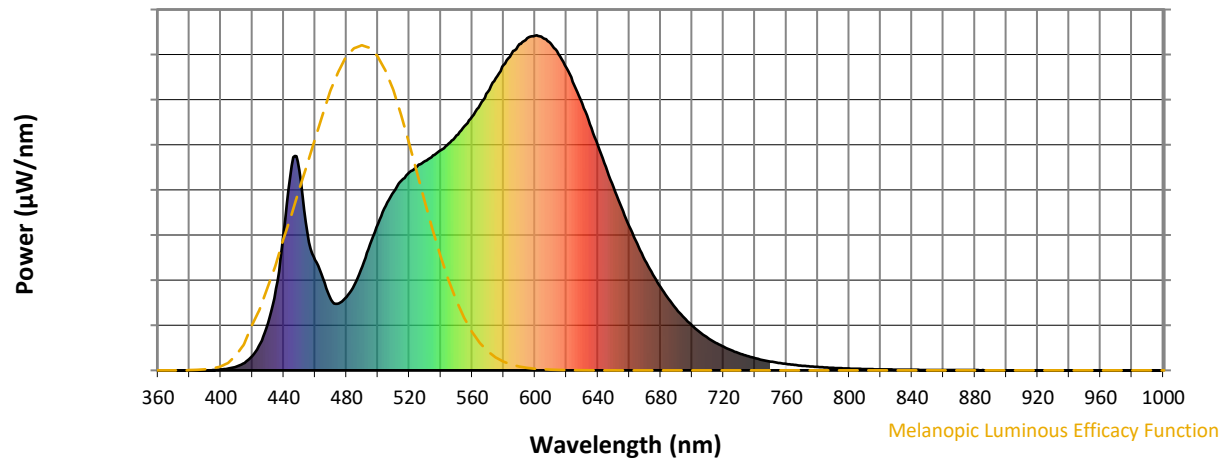
Scotopic Lumens: NR

S/P: 1.48

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.88

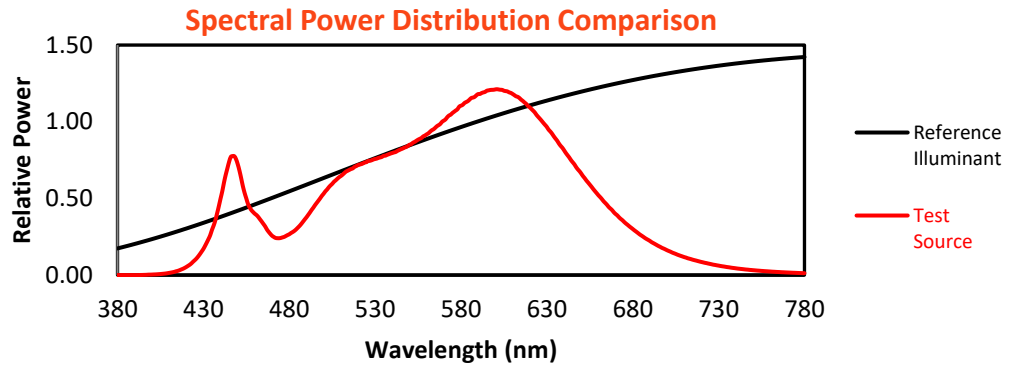
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

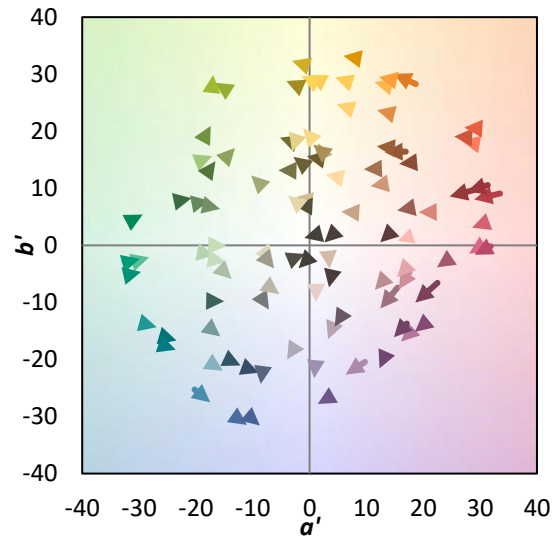
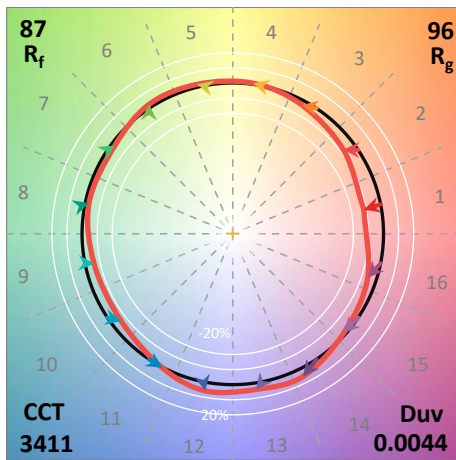
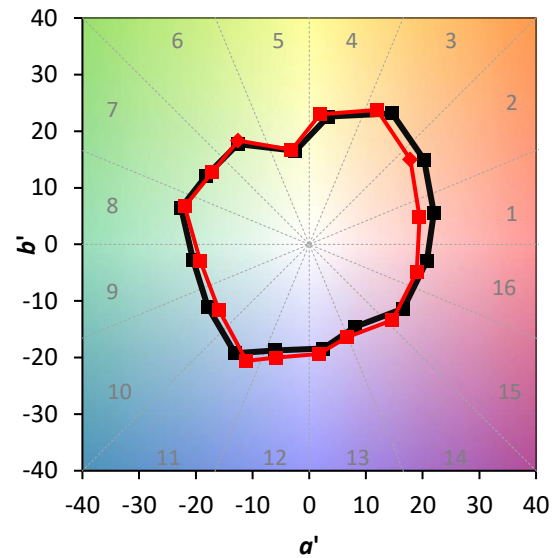
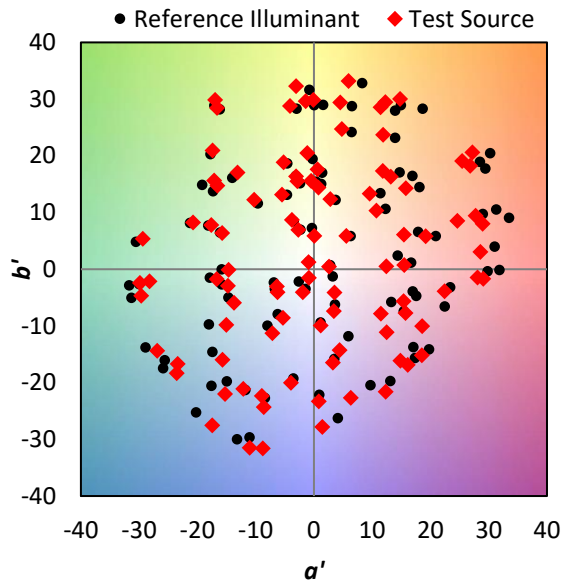
TM-30-18

Summary

$R_f = 86.6$
 $R_g = 95.9$
 $CIE R_a = 83.5$
 $R_9 = 6.3$

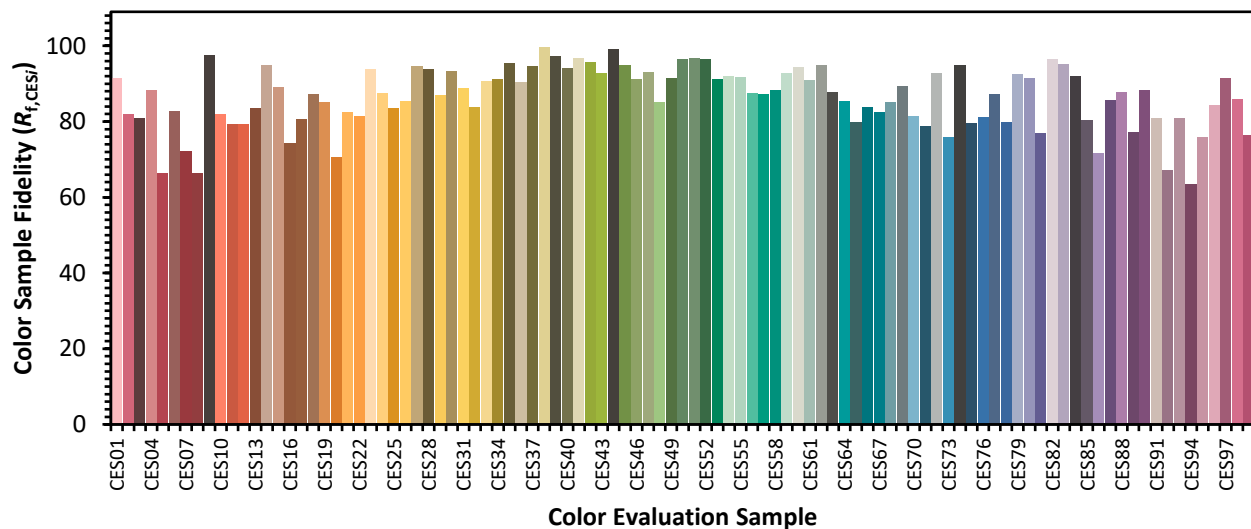


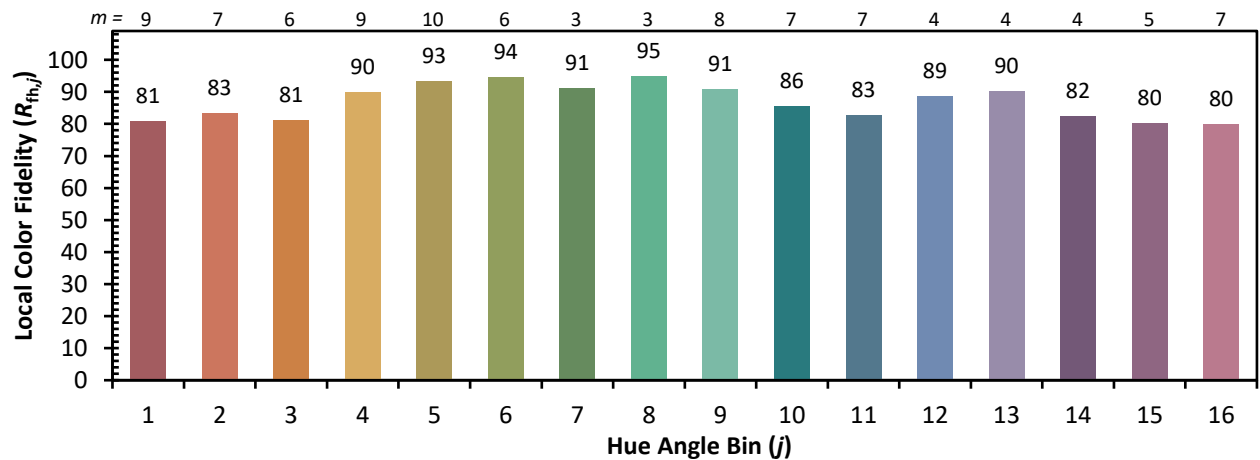
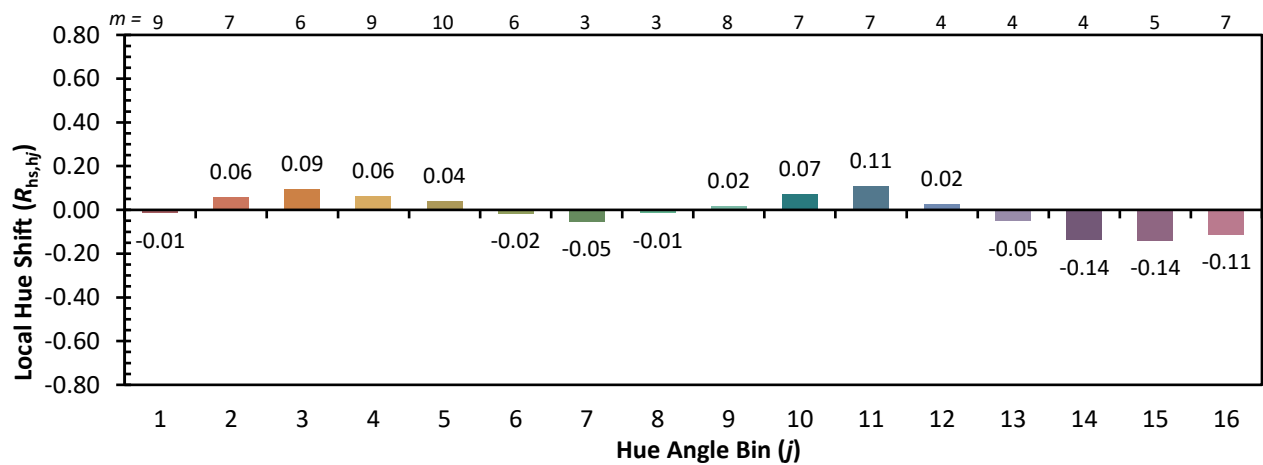
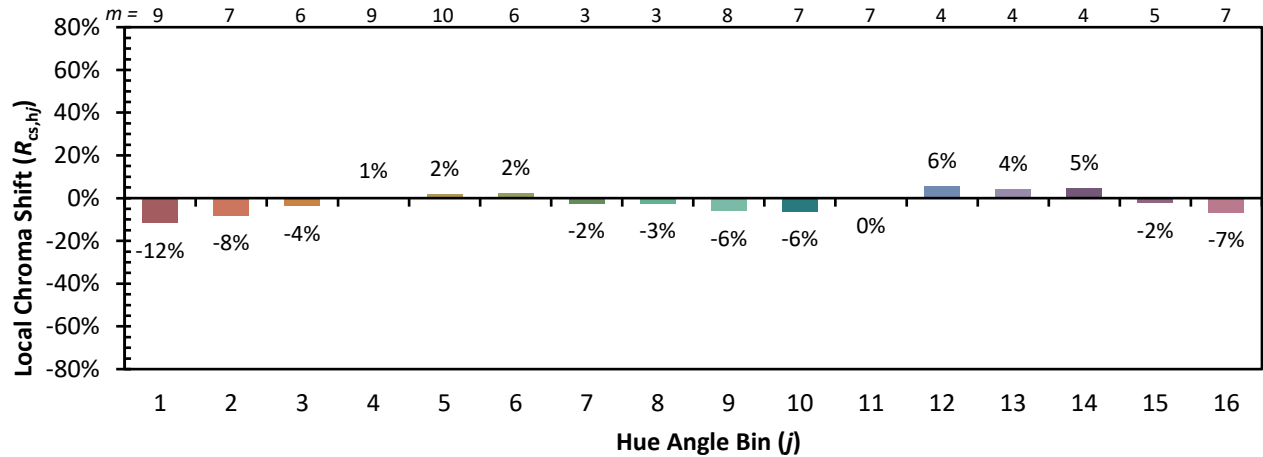
Color Vector Graphics



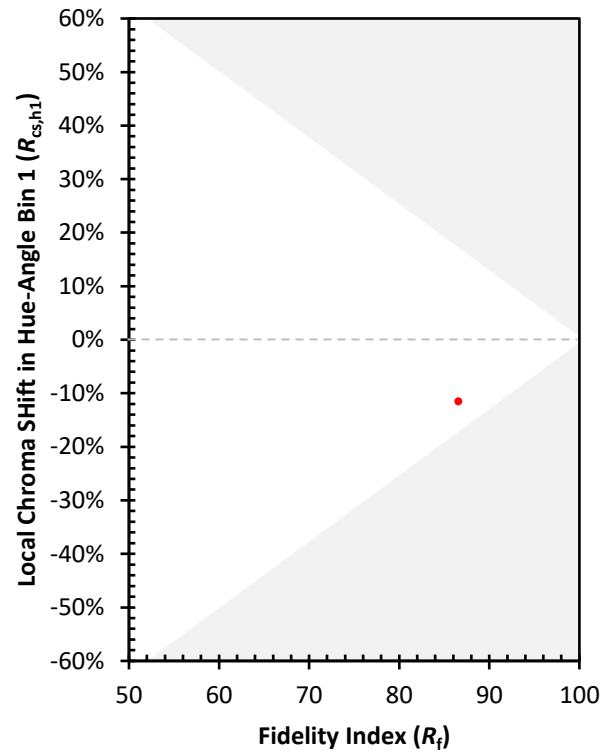
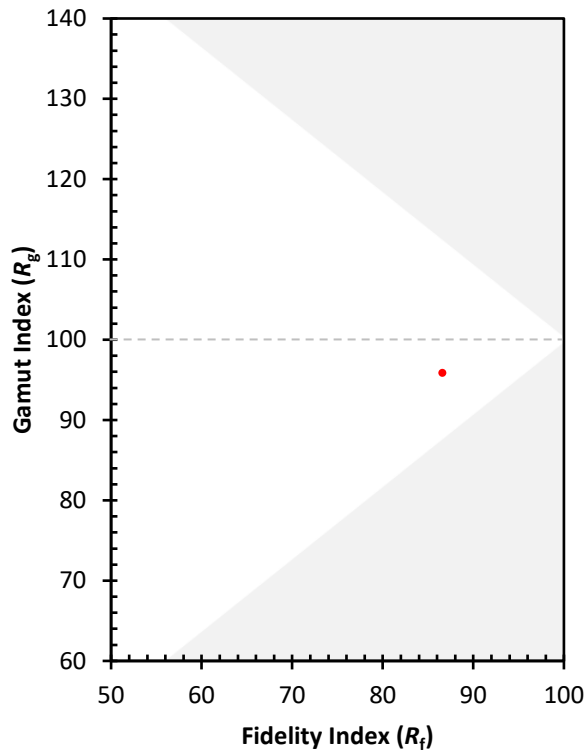
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)