

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: P1048997

Luminaire Tested: **GALN-SA2A-735-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048997
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-735-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6566.1 lumens
Efficiency: N/A
Efficacy: 117.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

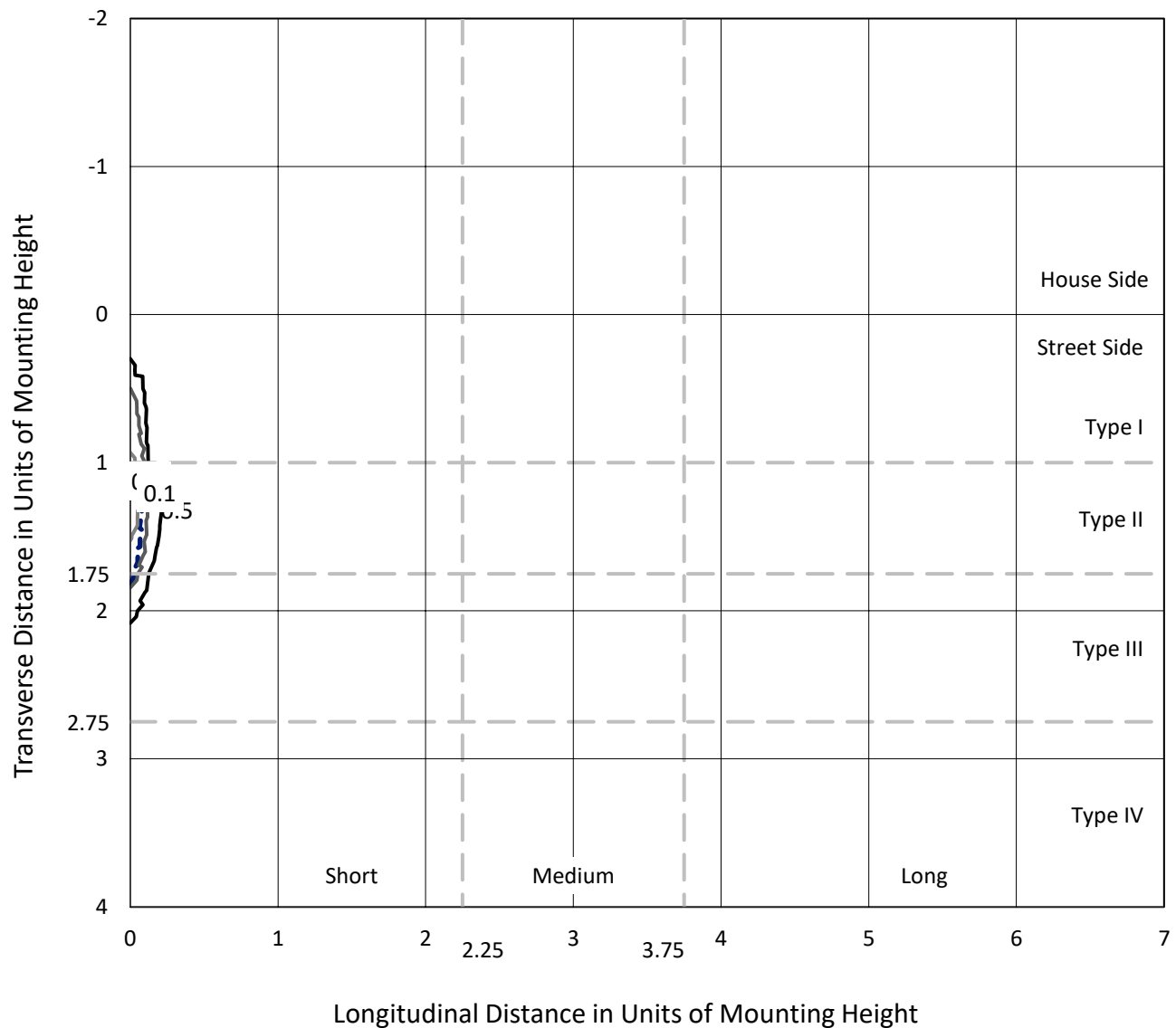
Input Watts (W): 55.8
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

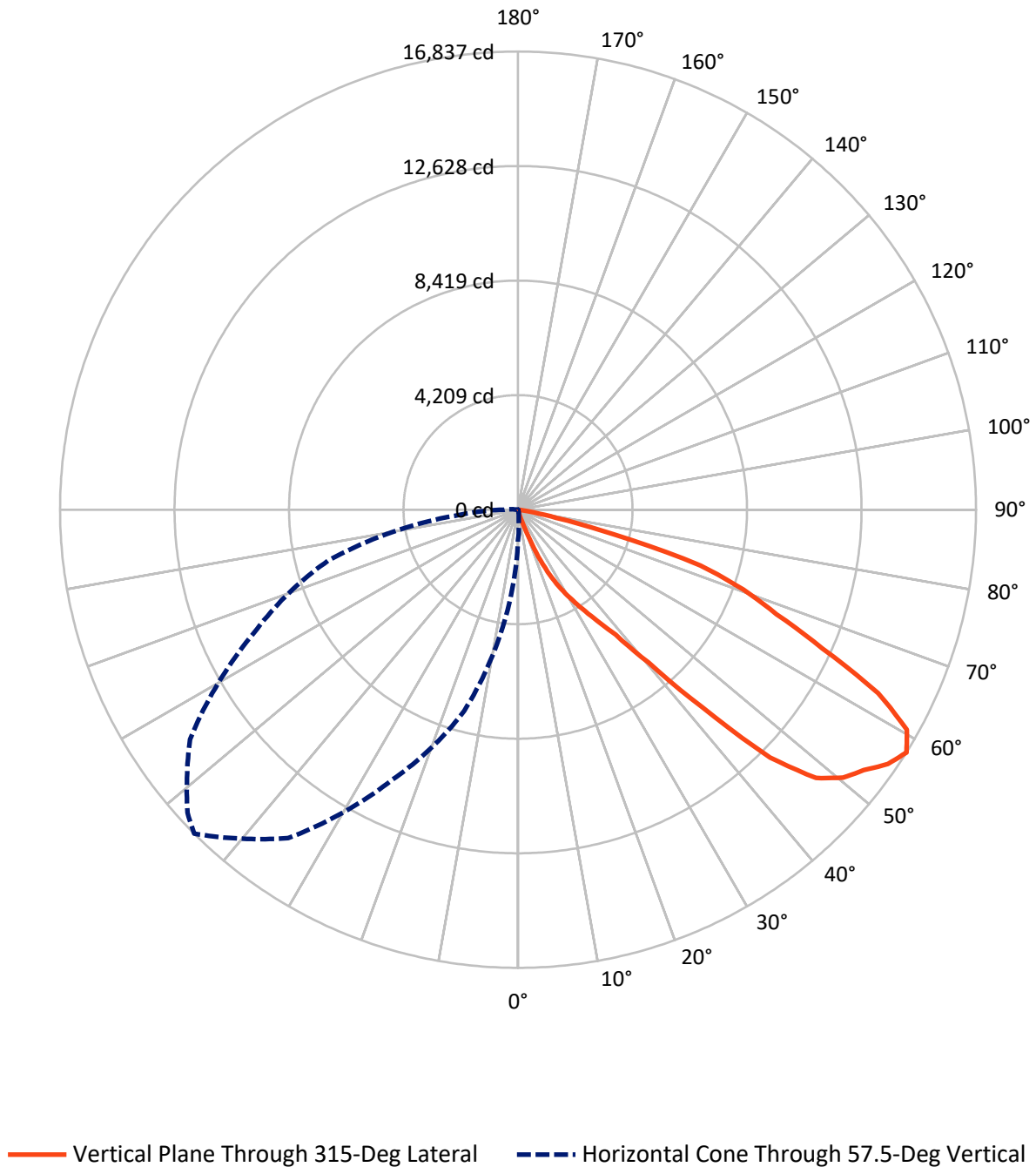


Based on 20 foot mounting height. Maximum calculated value = 1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	32.9	0.0	32.9
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	6533.2	0.0	6533.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	6566.1	0.0	6566.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.6	0.0
10°-20°	14.4	0.2
20°-30°	155.6	2.4
30°-40°	460.2	7.0
40°-50°	1371.4	20.9
50°-60°	2174.5	33.1
60°-70°	1815.2	27.6
70°-80°	559.7	8.5
80°-90°	12.5	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°	6566.1	100.0
0°-180°	6566.1	100.0



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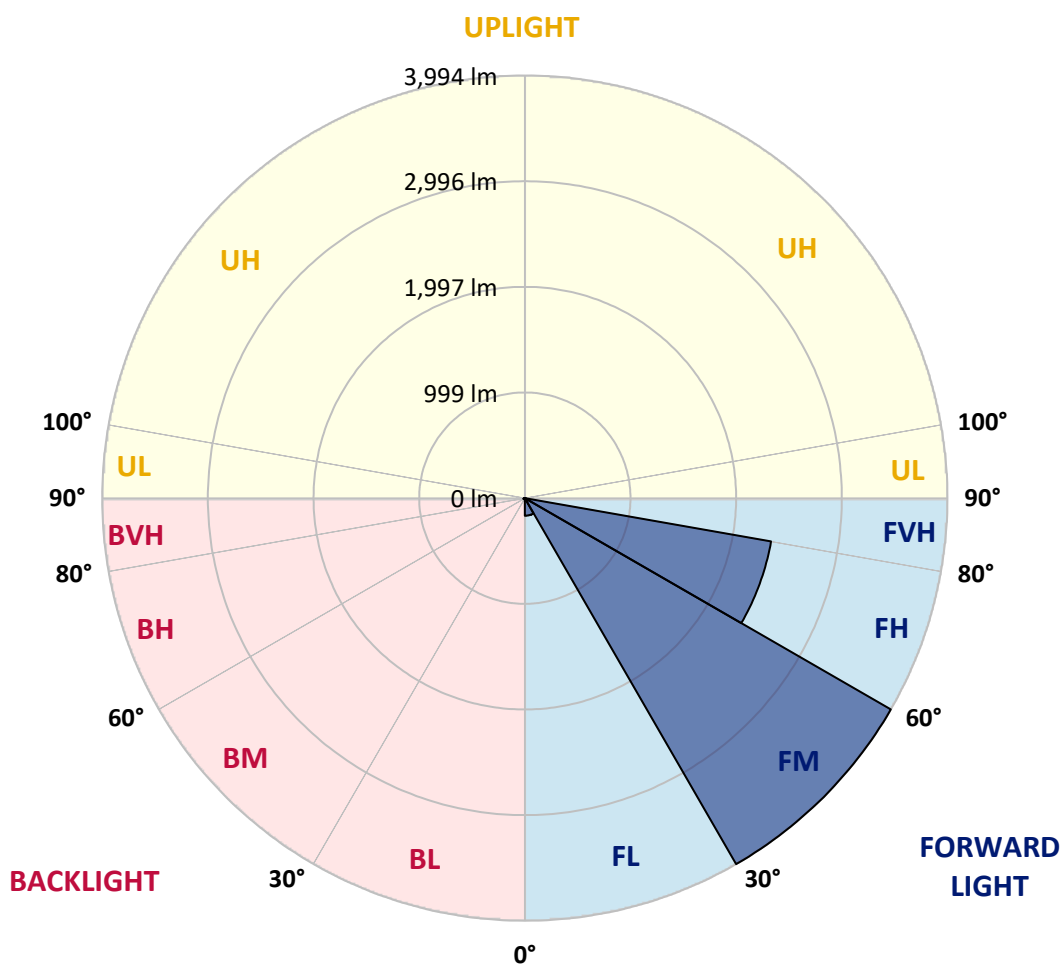
CATALOG NUMBER: GALN-SA2A-735-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	166.6	2.5			
FM	(30°-60°)	3994.3	60.8			
FH	(60°-80°)	2362.7	36.0			G2/5000
FVH	(80°-90°)	9.6	0.1			G0/10
BL	(0°-30°)	6.0	0.1	B0/110		
BM	(30°-60°)	11.8	0.2	B0/220		
BH	(60°-80°)	12.3	0.2	B0/110		G0/110
BVH	(80°-90°)	2.8	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°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
2.5°	26.3	26.3	26.3	26.3	25.8	25.8	25.3	25.3	24.8	24.8
5°	27.8	27.8	27.3	26.8	26.8	26.3	25.8	25.3	25.3	24.8
7.5°	30.3	29.8	29.3	28.8	27.8	27.3	26.3	25.8	25.3	24.3
10°	33.2	32.3	31.3	30.3	29.3	28.3	27.3	26.8	25.8	25.3
12.5°	37.2	35.7	33.7	32.3	31.3	29.8	28.8	27.8	26.3	25.3
15°	40.7	38.7	36.2	34.2	32.7	30.8	29.3	27.8	26.8	25.3
17.5°	45.6	42.2	38.2	35.7	33.7	31.3	28.8	27.3	25.8	23.8
20°	54.1	47.1	39.7	36.7	33.7	30.8	27.8	25.8	24.3	22.3
22.5°	67.5	55.6	43.7	39.2	35.2	30.8	26.8	24.8	22.8	20.8
25°	93.3	71.9	50.6	44.7	38.7	32.7	26.8	24.3	22.3	19.8
27.5°	124.0	92.3	60.0	51.6	43.7	35.2	26.8	23.8	21.3	18.4
30°	155.3	113.1	70.5	59.5	48.6	37.7	26.8	23.3	20.3	16.9
32.5°	185.1	132.5	79.4	66.5	53.6	40.2	27.3	23.3	19.4	15.4
35°	215.3	148.4	80.9	67.5	54.1	40.2	26.8	22.3	18.4	13.9
37.5°	254.1	166.2	77.9	64.5	51.6	38.2	25.3	21.3	17.4	12.9
40°	312.6	196.0	79.4	65.5	51.6	37.7	23.8	19.8	16.4	12.4
42.5°	420.8	253.6	85.8	70.0	54.1	37.7	21.8	18.4	15.4	11.9
45°	727.4	421.3	115.1	91.3	67.5	43.7	19.8	16.9	14.4	11.4
47.5°	1203.3	705.1	206.9	159.8	113.1	66.0	19.4	16.9	14.4	11.4
50°	1535.7	898.1	260.5	200.5	140.4	80.4	20.3	17.4	14.9	11.9
52.5°	1533.2	912.0	290.3	222.8	155.8	88.3	21.3	18.4	15.9	12.9
55°	1363.0	829.6	295.7	227.3	159.3	90.8	22.8	19.8	16.9	13.9
57.5°	1139.3	704.6	269.9	208.9	148.4	87.3	26.3	22.8	19.8	16.4
60°	901.1	555.7	210.4	166.2	122.6	78.4	34.7	30.3	26.3	21.8
62.5°	622.2	402.9	183.6	147.4	111.6	75.4	39.7	35.2	31.3	26.8
65°	440.1	303.2	165.7	135.0	104.7	73.9	43.2	38.2	33.7	28.8
67.5°	329.0	241.2	152.8	126.5	100.2	73.9	47.6	41.7	36.2	30.3
70°	252.1	198.0	143.4	122.1	101.2	79.9	58.6	50.1	42.2	33.7
72.5°	205.4	169.2	132.5	117.1	101.7	86.3	71.0	60.0	49.1	37.7
75°	170.2	144.9	119.6	106.7	94.3	81.4	68.5	58.6	49.1	39.2
77.5°	113.1	103.2	92.8	85.3	77.9	70.0	62.5	54.1	46.1	37.7
80°	39.7	38.2	36.7	39.7	42.7	45.6	48.6	42.7	37.2	31.3
82.5°	6.0	5.5	5.0	5.5	6.0	6.5	6.9	7.4	7.9	8.4
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°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
0.0	2.5°	24.3	24.3	23.8	23.8	23.8	23.3	23.3	22.8	22.8	22.8
0.0	5°	23.8	23.8	23.3	22.8	22.3	22.3	21.8	21.3	21.3	20.8
0.0	7.5°	23.3	22.8	22.3	21.8	21.3	20.8	20.3	19.8	19.8	19.4
0.0	10°	23.8	22.8	22.3	21.3	20.8	20.3	19.4	18.9	18.4	18.4
0.0	12.5°	22.8	22.3	21.3	20.3	19.8	18.9	18.4	17.4	16.9	16.9
0.0	15°	22.8	21.8	20.3	19.4	18.4	17.9	16.9	15.9	15.4	14.9
0.0	17.5°	21.3	20.3	18.9	17.9	16.9	15.9	14.9	13.9	13.4	12.9
0.0	20°	19.4	18.4	16.9	15.4	14.4	13.4	12.4	11.4	10.9	10.4
0.0	22.5°	17.4	16.4	14.9	13.4	12.4	11.4	9.9	8.9	8.4	7.4
0.0	25°	16.4	14.9	13.4	11.9	10.4	9.4	7.9	6.5	5.5	4.5
0.0	27.5°	13.9	12.4	10.9	9.4	7.9	6.5	5.0	3.5	2.5	2.0
0.0	30°	11.9	10.4	8.9	7.4	5.5	4.0	2.5	0.5	0.5	0.5
0.0	32.5°	9.9	8.4	6.5	5.0	4.0	2.5	1.5	0.0	0.0	0.0
0.0	35°	7.9	6.5	4.5	3.0	2.5	1.5	1.0	0.0	0.0	0.0
0.0	37.5°	6.9	5.5	3.5	1.5	1.0	1.0	0.5	0.0	0.0	0.0
0.0	40°	6.5	4.5	2.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
0.0	42.5°	6.5	4.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	6.5	4.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	6.5	4.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	6.9	5.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	7.9	6.0	4.0	2.0	1.5	1.0	0.5	0.0	0.0	0.0
0.0	55°	9.9	8.9	7.4	6.5	5.0	3.5	1.5	0.0	0.0	0.0
0.0	57.5°	12.9	12.9	12.4	11.9	8.9	6.0	3.0	0.0	0.0	0.0
0.0	60°	17.4	17.4	17.4	17.4	12.9	8.9	4.5	0.0	0.0	0.0
0.0	62.5°	21.3	20.3	18.9	17.9	13.4	8.9	4.5	0.0	0.0	0.0
0.0	65°	21.3	19.4	16.9	14.4	10.9	7.4	3.5	0.0	0.0	0.0
0.0	67.5°	19.8	15.9	11.4	7.4	5.5	4.0	2.0	0.0	0.0	0.0
	70°	19.8	13.9	7.9	2.0	1.5	1.0	0.5	0.0	0.0	0.0
	72.5°	19.8	13.4	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	21.8	14.9	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	21.8	14.9	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	19.4	12.9	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	6.5	4.5	2.0	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

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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°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
0.0	2.5°	22.3	22.3	22.3	21.8	21.8	21.8	21.8	21.3	21.3	21.3
0.0	5°	20.3	20.3	19.8	19.8	19.4	19.4	18.9	18.9	18.4	18.4
0.0	7.5°	18.9	18.4	18.4	17.9	17.4	17.4	16.9	16.9	16.4	15.9
0.0	10°	17.4	16.9	16.9	16.4	15.9	15.4	15.4	14.9	14.4	13.9
0.0	12.5°	15.9	15.4	14.9	14.4	13.9	13.4	13.4	12.9	12.4	11.9
0.0	15°	13.9	13.4	12.9	12.4	11.9	11.4	11.4	10.9	10.4	9.9
0.0	17.5°	11.9	11.4	11.4	10.9	10.4	9.9	9.4	8.4	7.9	7.4
0.0	20°	8.9	8.4	7.9	7.4	6.9	6.0	5.5	4.5	3.5	3.0
0.0	22.5°	6.0	5.0	4.5	3.5	2.5	2.0	1.5	0.5	0.0	0.0
0.0	25°	2.0	1.5	1.0	0.5	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-SA2A-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1048997

CATALOG NUMBER: GALN-SA2A-735-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
0.0	2.5°	20.8	20.8	20.8	20.3	20.3	20.3	20.3	20.3	20.3	20.3
0.0	5°	17.9	17.9	17.9	17.4	17.4	16.9	16.9	16.9	16.4	16.4
0.0	7.5°	15.4	14.9	14.9	14.4	14.4	13.9	13.9	13.9	13.4	13.4
0.0	10°	12.9	12.4	12.4	11.9	11.9	11.4	11.4	10.9	10.9	10.4
0.0	12.5°	11.4	10.9	10.4	9.9	9.9	9.4	8.9	8.9	8.4	7.9
0.0	15°	8.9	8.4	7.9	7.4	6.9	6.5	6.0	6.0	5.5	5.0
0.0	17.5°	6.0	5.0	4.5	4.0	4.0	3.5	3.0	2.5	2.0	1.5
0.0	20°	1.5	1.0	0.5	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



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CATALOG NUMBER: GALN-SA2A-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048997

CATALOG NUMBER: GALN-SA2A-735-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°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
0.0	2.5°	20.3	19.8	19.8	19.8	20.3	20.3	20.3	20.3	20.3	20.3
0.0	5°	16.4	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
0.0	7.5°	13.4	12.9	12.9	12.9	12.9	12.4	12.4	12.4	12.4	12.4
0.0	10°	10.4	9.9	9.9	9.9	9.9	9.4	9.4	9.4	9.4	9.4
0.0	12.5°	7.4	7.4	6.9	6.9	6.9	6.5	6.5	6.5	6.5	6.0
0.0	15°	4.5	4.0	3.5	3.5	3.5	3.0	3.0	3.0	3.0	2.5
0.0	17.5°	1.0	1.0	0.5	0.5	0.5	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



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048997

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
0.0	2.5°	20.8	20.8	21.3	21.3	21.8	22.8	23.3	23.8	24.8	25.8
0.0	5°	16.4	16.9	16.9	17.4	17.9	18.4	18.9	19.4	20.3	21.3
0.0	7.5°	12.9	12.9	13.4	13.4	13.9	14.9	15.4	15.9	16.9	18.4
0.0	10°	9.9	9.9	10.4	10.4	10.9	11.9	12.4	12.9	13.9	15.4
0.0	12.5°	6.5	6.9	6.9	7.4	7.9	8.9	9.4	9.9	10.9	11.9
0.0	15°	3.0	3.5	3.5	4.0	4.5	5.5	6.0	6.5	7.4	8.9
0.0	17.5°	0.5	0.5	1.0	1.0	1.5	2.0	2.5	3.0	4.5	5.5
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
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

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CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA2A-735-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°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
0.0	2.5°	27.3	28.3	29.3	30.3	31.3	32.3	32.7	33.7	34.2	34.7
0.0	5°	23.3	24.3	25.8	26.8	27.8	28.8	29.8	30.3	30.8	31.3
0.0	7.5°	20.3	21.3	22.8	23.8	24.8	25.8	26.8	27.8	28.3	28.8
0.0	10°	17.4	18.9	19.8	21.3	22.3	23.3	24.3	25.3	26.3	26.8
0.0	12.5°	13.9	15.4	16.9	17.9	19.4	20.8	21.8	22.8	23.8	24.8
0.0	15°	10.9	12.4	13.9	14.9	16.4	17.9	19.4	20.3	21.3	22.3
0.0	17.5°	7.9	9.4	10.9	11.9	13.4	14.9	15.9	17.4	18.4	19.4
0.0	20°	4.0	5.5	6.9	8.4	9.9	11.4	12.4	13.9	14.9	15.9
0.0	22.5°	0.5	2.0	3.5	4.5	6.0	7.4	8.4	9.9	10.9	11.9
0.0	25°	0.0	0.5	1.5	2.0	2.5	3.5	4.5	5.5	6.5	7.4
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.5	1.0	2.0	3.0	4.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
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	0.5
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	1.0
	85°	0.0	0.0	0.0	0.0	0.0	1.0	1.5	2.5	3.0	3.5
	87.5°	0.0	0.5	1.0	1.5	2.0	3.0	4.0	5.0	5.5	6.0
	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: P1048997

CATALOG NUMBER: GALN-SA2A-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
28.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	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
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REPORT NUMBER: P1048997

CATALOG NUMBER: GALN-SA2A-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
0.0	2.5°	35.2	35.2	35.2	35.2	34.7	34.7	34.7	34.2	34.2	33.7
0.0	5°	32.3	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.3	32.3
0.0	7.5°	29.8	30.3	30.8	30.8	31.3	31.3	31.3	30.8	30.8	30.3
0.0	10°	28.3	28.8	28.8	29.3	29.3	29.3	29.3	29.3	29.3	29.3
0.0	12.5°	26.3	26.8	27.3	27.3	27.8	27.8	27.8	27.8	27.3	27.3
0.0	15°	23.8	24.8	25.3	25.8	25.8	26.3	26.3	26.3	26.3	26.3
0.0	17.5°	21.8	22.8	23.3	23.8	23.8	24.3	24.3	24.8	24.8	24.8
0.0	20°	17.9	18.9	19.4	20.3	20.8	21.3	21.8	22.3	22.3	22.8
0.0	22.5°	13.9	14.9	15.4	16.4	16.9	17.4	17.9	18.4	18.9	19.4
0.0	25°	9.9	10.9	11.4	12.4	12.9	13.4	13.9	14.4	14.4	14.9
0.0	27.5°	5.5	6.5	7.4	7.9	8.9	9.4	9.9	10.4	10.9	11.4
0.0	30°	2.5	3.0	3.5	4.5	5.0	5.5	6.0	6.9	7.4	7.9
0.0	32.5°	0.0	0.0	0.5	1.5	2.0	2.5	3.0	3.5	3.5	4.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.5	2.0
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°	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	82.5°	2.5	3.0	3.5	3.5	4.0	4.0	4.0	4.0	3.5	3.5
	85°	5.0	5.5	6.0	6.0	6.5	6.5	6.5	6.5	6.5	6.5
	87.5°	6.9	7.4	7.9	7.9	8.4	8.4	8.4	8.4	8.4	8.4
	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: P1048997

CATALOG NUMBER: GALN-SA2A-735-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
28.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	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
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REPORT NUMBER: P1048997

CATALOG NUMBER: GALN-SA2A-735-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°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
0.0	2.5°	33.2	33.2	32.7	32.7	32.7	32.7	32.7	33.2	33.7	33.7
0.0	5°	31.8	31.8	31.3	31.3	31.3	31.8	31.8	32.3	32.7	33.2
0.0	7.5°	30.3	29.8	29.8	30.3	30.3	30.8	30.8	31.3	31.8	32.3
0.0	10°	29.3	28.8	28.8	28.8	29.3	29.3	29.8	30.3	30.8	31.3
0.0	12.5°	27.3	27.3	27.3	27.3	27.8	27.8	28.3	28.8	29.8	30.3
0.0	15°	26.3	25.8	25.8	25.8	25.8	26.3	26.3	27.3	28.3	28.8
0.0	17.5°	24.3	24.3	23.8	23.8	24.3	24.3	24.8	25.8	26.8	27.3
0.0	20°	22.3	21.8	21.3	21.3	21.8	21.8	22.3	23.3	24.3	24.8
0.0	22.5°	19.4	18.9	18.9	18.9	18.9	19.4	19.4	20.3	21.8	22.8
0.0	25°	15.4	15.9	15.9	16.4	16.4	16.9	17.4	18.4	19.8	20.8
0.0	27.5°	11.9	12.4	12.4	13.4	13.9	14.4	14.9	16.4	17.9	18.9
0.0	30°	8.9	9.4	9.9	10.4	11.4	12.4	13.4	14.9	16.4	17.4
0.0	32.5°	5.5	6.5	6.9	7.9	8.9	9.9	10.9	12.4	14.4	15.9
0.0	35°	4.0	4.5	5.5	6.0	6.9	7.9	8.9	10.9	12.4	14.4
0.0	37.5°	2.0	3.0	4.0	5.0	6.0	6.9	7.9	9.9	11.9	13.4
0.0	40°	1.5	2.5	3.0	4.0	5.5	6.5	7.4	9.4	11.4	13.4
0.0	42.5°	1.0	1.5	2.0	3.5	4.5	6.0	7.4	9.4	11.4	13.4
0.0	45°	1.0	1.0	1.5	3.0	4.5	6.5	7.9	9.9	11.4	13.4
0.0	47.5°	1.0	1.5	2.0	4.0	5.0	6.5	7.9	9.4	11.4	12.9
0.0	50°	1.5	2.0	2.5	4.5	5.5	6.9	7.9	9.9	11.4	13.4
0.0	52.5°	1.0	1.5	2.0	4.0	5.5	7.4	8.9	10.9	12.9	14.4
0.0	55°	0.5	0.5	0.5	3.0	6.0	8.4	11.4	12.9	14.9	16.4
0.0	57.5°	0.0	0.0	0.0	2.0	6.0	9.4	12.9	14.9	16.9	18.4
0.0	60°	0.0	0.0	0.0	2.0	6.0	9.4	12.9	15.4	17.9	20.3
0.0	62.5°	0.0	0.0	0.0	2.0	5.0	7.9	10.9	14.9	19.4	23.3
0.0	65°	0.0	0.0	0.0	1.5	4.0	6.5	8.9	14.9	20.8	26.3
0.0	67.5°	0.0	0.0	0.0	1.5	4.0	6.0	8.4	14.9	20.8	27.3
	70°	0.0	0.0	0.0	1.5	4.0	6.5	8.9	14.9	20.8	26.8
	72.5°	0.0	0.0	0.0	1.5	4.5	6.9	9.9	14.9	19.8	24.8
	75°	0.0	0.0	0.0	2.0	4.5	7.4	10.4	14.9	19.4	23.3
	77.5°	0.0	0.0	0.0	1.5	4.5	6.9	9.9	14.4	18.9	22.8
	80°	1.5	1.0	1.0	2.5	4.5	6.5	8.4	12.9	17.9	22.3
	82.5°	3.0	3.0	2.5	3.5	4.5	6.0	7.4	11.4	15.9	19.8
	85°	6.0	6.0	5.5	6.0	6.0	6.5	6.9	8.9	10.9	12.9
	87.5°	7.9	7.9	7.4	7.4	7.4	6.9	6.9	6.9	6.9	6.5
	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: P1048997

CATALOG NUMBER: GALN-SA2A-735-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
28.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.7	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
30.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.7											
29.8											
27.8											
27.3											
26.8											
23.8											
14.9											
6.5											
0.0											
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REPORT NUMBER: P1048997

CATALOG NUMBER: GALN-SA2A-735-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
0.0	2.5°	34.7	35.2	35.2	35.7	36.2	36.7	36.7	37.2	37.2	37.2
0.0	5°	34.2	35.2	35.7	36.2	36.7	37.2	37.7	38.2	38.7	38.7
0.0	7.5°	33.7	34.2	35.2	35.7	36.7	37.2	38.2	38.7	39.2	39.7
0.0	10°	32.7	33.7	34.7	35.7	36.7	37.7	38.7	39.7	40.7	41.2
0.0	12.5°	31.8	33.2	34.2	35.2	36.7	38.2	39.2	40.7	41.7	42.7
0.0	15°	31.3	32.3	33.7	34.7	36.7	38.7	40.2	42.2	44.2	45.6
0.0	17.5°	29.8	31.8	33.2	34.7	36.7	39.2	41.2	43.2	46.1	49.1
0.0	20°	27.8	29.3	31.3	32.7	35.7	38.2	41.2	43.7	48.1	52.6
0.0	22.5°	25.8	27.8	29.3	31.3	34.7	37.7	41.2	44.2	51.6	58.6
0.0	25°	23.8	26.3	28.3	30.3	34.2	38.2	42.2	46.1	58.6	71.0
0.0	27.5°	22.8	24.8	27.3	29.3	34.2	39.7	44.7	49.6	69.5	88.8
0.0	30°	21.3	23.8	25.8	28.3	34.7	41.2	47.6	54.1	84.4	114.6
0.0	32.5°	19.8	22.3	24.8	27.3	35.7	44.2	52.1	60.5	100.2	139.4
0.0	35°	18.4	21.3	23.8	26.3	37.2	48.6	59.5	70.5	114.6	158.3
0.0	37.5°	17.9	20.8	23.3	25.8	37.7	49.1	61.0	72.4	116.1	159.8
0.0	40°	18.4	20.8	23.8	26.3	36.2	46.1	55.6	65.5	111.1	156.3
0.0	42.5°	18.4	21.3	24.3	27.3	35.2	43.2	51.1	59.0	109.7	160.3
0.0	45°	17.9	20.8	23.8	26.8	34.2	41.2	48.6	55.6	118.6	181.1
0.0	47.5°	17.4	20.3	23.3	26.3	33.7	41.2	48.6	56.1	153.3	250.1
0.0	50°	17.4	20.3	22.8	25.3	34.2	43.7	52.6	61.5	223.3	384.6
0.0	52.5°	18.4	20.8	22.8	24.8	35.2	46.1	56.6	67.0	283.8	500.2
0.0	55°	19.8	21.3	23.3	24.8	37.7	50.1	63.0	75.4	302.2	528.9
0.0	57.5°	21.8	23.3	24.8	26.3	42.2	58.1	73.4	89.3	303.7	517.5
0.0	60°	24.3	26.3	27.8	29.3	46.1	63.5	80.4	97.3	274.9	452.0
0.0	62.5°	29.8	32.3	34.2	36.7	53.1	69.0	85.3	101.2	228.2	355.3
0.0	65°	34.2	36.2	38.2	40.2	56.1	72.4	88.3	104.2	193.5	282.8
0.0	67.5°	35.2	37.2	38.7	40.7	57.1	73.4	89.3	105.7	165.7	225.3
	70°	35.7	38.2	41.2	43.7	60.5	77.4	93.8	110.7	146.9	183.1
	72.5°	34.2	39.2	43.7	48.1	64.0	79.4	95.3	110.7	136.5	162.3
	75°	34.2	41.2	47.6	54.1	66.0	77.4	89.3	100.7	120.6	140.4
	77.5°	36.2	45.2	54.1	63.0	70.0	76.4	83.4	89.8	102.7	115.6
	80°	36.2	45.6	54.6	64.0	67.0	70.5	73.4	76.4	77.9	79.4
	82.5°	31.3	38.7	46.1	53.6	50.1	46.6	43.2	39.7	37.2	34.2
	85°	15.9	17.4	18.4	19.4	17.9	16.4	14.9	13.4	12.4	10.9
	87.5°	6.5	6.5	6.0	6.0	6.0	6.0	5.5	5.5	5.5	5.5
	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: P1048997

CATALOG NUMBER: GALN-SA2A-735-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
28.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
199.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
248.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
282.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
307.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
332.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
382.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
481.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
734.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1124.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1416.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1448.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1307.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1117.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
873.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
659.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
487.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
344.9											
256.5											
186.6											
140.4											
78.9											
35.7											
10.4											
5.0											
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REPORT NUMBER: P1048997

CATALOG NUMBER: GALN-SA2A-735-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°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
0.0	2.5°	37.2	36.7	36.7	36.2	35.7	35.2	34.7	34.2	33.7	33.2
0.0	5°	38.7	38.7	38.7	38.2	38.2	37.7	37.7	37.2	36.7	36.2
0.0	7.5°	40.2	40.7	40.7	41.2	41.2	41.2	41.2	40.7	40.7	40.7
0.0	10°	42.7	43.2	43.7	44.2	44.7	45.2	45.2	45.6	45.6	45.6
0.0	12.5°	45.6	47.1	48.1	49.6	50.6	52.1	53.1	54.6	55.6	56.6
0.0	15°	50.1	52.6	55.6	58.1	60.5	64.0	68.0	71.5	74.9	80.4
0.0	17.5°	56.6	64.5	72.4	79.9	87.8	105.2	122.6	139.4	156.8	182.1
0.0	20°	69.0	92.8	116.1	139.9	163.2	224.3	284.8	345.8	406.4	471.4
0.0	22.5°	96.8	155.3	213.9	272.4	331.0	458.5	585.5	713.0	840.1	989.4
0.0	25°	140.4	248.1	355.8	462.9	570.6	770.1	970.1	1169.5	1369.0	1563.0
0.0	27.5°	204.4	369.2	533.9	698.1	862.9	1133.3	1404.2	1674.7	1945.1	2164.4
0.0	30°	283.3	506.6	729.9	953.2	1176.5	1484.1	1791.8	2098.9	2406.5	2646.2
0.0	32.5°	357.8	631.2	904.6	1177.5	1450.9	1801.2	2152.0	2502.3	2852.6	3114.6
0.0	35°	406.4	736.8	1067.8	1398.3	1728.7	2107.8	2486.9	2865.5	3244.6	3543.8
0.0	37.5°	455.0	836.6	1217.7	1599.2	1980.3	2396.6	2812.9	3229.2	3645.5	4015.2
0.0	40°	509.6	957.2	1404.2	1851.8	2298.9	2792.1	3284.8	3778.0	4270.7	4792.2
0.0	42.5°	604.4	1157.1	1710.4	2263.1	2815.9	3468.4	4120.9	4772.9	5425.4	6169.7
0.0	45°	782.5	1561.5	2341.0	3120.1	3899.1	4763.5	5628.3	6492.7	7357.1	8347.5
0.0	47.5°	1218.7	2290.4	3361.7	4433.5	5504.8	6438.1	7371.0	8304.3	9237.1	10223.6
0.0	50°	1864.7	3112.1	4359.6	5606.5	6853.9	7698.4	8542.5	9387.0	10231.0	11169.3
0.0	52.5°	2332.1	3631.6	4931.7	6231.2	7530.7	8292.9	9055.5	9817.7	10579.8	11456.6
0.0	55°	2367.3	3659.4	4952.0	6244.1	7536.2	8301.8	9067.4	9833.1	10598.7	11528.1
0.0	57.5°	2095.9	3377.6	4658.8	5940.4	7221.6	8093.4	8964.7	9836.5	10707.9	11712.7
0.0	60°	1782.8	3065.0	4346.7	5628.8	6910.5	7914.8	8919.6	9923.9	10928.2	11869.5
0.0	62.5°	1390.8	2709.7	4029.1	5348.0	6666.9	7686.5	8706.2	9725.4	10745.1	11451.2
0.0	65°	1036.5	2317.2	3597.9	4878.1	6158.8	6975.5	7792.2	8608.5	9425.2	9862.3
0.0	67.5°	749.3	1853.8	2957.8	4062.3	5166.4	5750.9	6335.4	6919.4	7503.9	7838.4
	70°	506.6	1271.7	2036.4	2801.5	3566.1	4046.5	4527.3	5007.6	5487.9	5939.4
	72.5°	350.8	780.5	1210.7	1640.4	2070.1	2553.4	3036.2	3519.5	4002.3	4480.1
	75°	232.7	428.2	624.2	819.7	1015.2	1373.0	1731.2	2089.0	2446.7	2731.5
	77.5°	165.2	223.8	282.8	341.4	399.9	466.9	534.4	601.4	668.4	770.1
	80°	78.4	85.8	93.3	100.2	107.7	132.0	156.3	180.6	204.9	230.7
	82.5°	37.2	40.2	43.2	45.6	48.6	51.1	53.6	56.1	58.6	56.1
	85°	9.9	9.9	10.4	10.4	10.4	10.4	10.4	10.4	10.4	9.9
	87.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.0	4.0	3.5
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
28.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
536.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1138.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1757.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2383.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2886.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3377.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3843.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4385.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5313.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6914.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9337.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11210.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12107.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12333.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12457.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12717.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12810.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12157.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10300.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8173.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6390.5											
4958.0											
3016.4											
871.8											
256.5											
53.1											
9.4											
3.5											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
0.0	2.5°	32.3	31.8	31.3	30.8	30.3	29.3	29.3	28.8	28.8
0.0	5°	35.2	34.7	34.2	33.7	33.7	33.2	32.7	32.7	32.3
0.0	7.5°	40.2	39.7	39.2	38.7	38.7	38.2	38.2	37.7	37.7
0.0	10°	46.1	46.1	46.1	46.1	46.1	45.6	45.6	45.6	45.2
0.0	12.5°	58.1	58.6	59.5	60.5	62.0	62.0	62.0	61.5	61.5
0.0	15°	91.8	97.3	101.2	105.2	108.7	116.6	115.6	114.1	113.1
0.0	17.5°	232.2	257.0	270.4	283.3	296.7	333.4	327.5	321.5	316.1
0.0	20°	601.9	666.9	710.1	753.2	796.9	865.9	849.0	832.1	815.2
0.0	22.5°	1287.6	1437.0	1502.0	1567.0	1631.5	1714.8	1660.8	1606.7	1553.1
0.0	25°	1950.5	2144.5	2254.2	2363.9	2473.0	2520.7	2450.2	2379.2	2308.8
0.0	27.5°	2603.0	2822.4	2919.1	3015.4	3112.1	3211.9	3124.5	3036.7	2949.4
0.0	30°	3126.0	3365.7	3470.4	3574.6	3679.3	3748.7	3658.4	3567.6	3477.3
0.0	32.5°	3639.1	3901.1	4015.7	4130.3	4244.4	4344.2	4233.0	4121.4	4010.2
0.0	35°	4141.7	4440.9	4598.7	4756.5	4914.3	5007.1	4875.1	4742.6	4610.6
0.0	37.5°	4755.0	5124.7	5301.3	5478.0	5654.6	5823.8	5678.4	5532.6	5387.2
0.0	40°	5835.2	6356.7	6627.7	6899.1	7170.0	7388.3	7204.7	7021.1	6837.6
0.0	42.5°	7658.3	8402.5	8792.1	9181.1	9570.6	9911.5	9718.5	9525.4	9332.4
0.0	45°	10328.3	11318.7	11793.5	12267.9	12742.8	12991.8	12714.0	12435.6	12157.7
0.0	47.5°	12195.9	13182.4	13605.1	14027.9	14450.7	14735.0	14395.1	14055.2	13715.8
0.0	50°	13045.4	13983.7	14408.0	14831.7	15256.0	15481.7	15089.3	14696.3	14303.8
0.0	52.5°	13209.7	14086.4	14592.6	15099.2	15605.3	15907.0	15443.5	14979.6	14516.2
0.0	55°	13387.3	14316.7	14903.7	15491.2	16078.2	16496.0	15972.0	15447.5	14923.5
0.0	57.5°	13721.7	14726.5	15312.0	15897.1	16482.6	16837.3	16311.9	15785.9	15260.4
0.0	60°	13751.5	14692.3	15195.4	15699.1	16202.2	16425.5	15922.9	15419.7	14917.1
0.0	62.5°	12863.8	13569.9	13919.2	14268.6	14617.9	14860.5	14336.0	13811.1	13286.6
0.0	65°	10737.1	11174.3	11452.7	11731.0	12009.4	12298.7	11818.3	11338.0	10857.7
0.0	67.5°	8507.7	8842.2	9208.9	9575.5	9942.2	10251.4	9866.8	9481.8	9097.2
	70°	6842.0	7293.1	7705.4	8117.7	8530.1	8783.1	8397.1	8010.6	7624.5
	72.5°	5435.8	5913.6	6258.0	6601.9	6946.2	7008.2	6724.4	6440.6	6157.3
	75°	3300.7	3585.5	3592.4	3598.9	3605.8	3664.9	3429.7	3194.5	2959.8
	77.5°	973.5	1075.3	1159.1	1242.5	1326.3	1427.5	1341.2	1254.4	1168.0
	80°	281.8	307.6	329.5	350.8	372.6	359.7	339.4	319.1	298.7
	82.5°	50.6	47.6	47.1	46.6	46.6	44.2	40.2	36.2	32.3
	85°	8.9	8.4	7.9	7.4	6.9	6.5	5.5	5.0	4.0
	87.5°	3.0	2.5	2.0	1.5	1.5	0.5	0.5	0.5	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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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048997

CATALOG NUMBER: GALN-SA2A-735-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°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
0.0	0.0	2.5°	28.3	27.8	27.8	27.8	27.8	27.3	27.3	27.3	27.3
0.0	0.0	5°	31.3	31.3	30.8	30.8	30.3	30.3	29.8	29.8	29.3
0.0	0.0	7.5°	36.7	36.2	35.7	35.2	34.7	33.7	33.2	32.7	32.7
0.0	0.0	10°	44.2	43.2	42.7	41.7	41.2	40.2	39.2	38.2	37.2
0.0	0.0	12.5°	58.1	56.1	54.6	52.6	50.6	49.1	47.1	45.6	43.7
0.0	0.0	15°	100.7	95.8	90.3	83.9	76.9	70.5	63.5	59.5	55.1
0.0	0.0	17.5°	257.5	231.7	205.4	184.1	162.8	141.9	120.6	105.2	89.8
0.0	0.0	20°	655.5	584.0	512.6	442.1	371.2	300.7	229.7	194.0	158.3
0.0	0.0	22.5°	1233.5	1101.1	968.1	839.6	710.5	582.0	453.5	372.6	292.3
0.0	0.0	25°	1903.9	1737.2	1570.5	1359.1	1147.2	935.8	724.4	593.0	461.5
0.0	0.0	27.5°	2477.5	2285.5	2093.4	1836.4	1579.4	1322.4	1065.3	869.3	673.8
0.0	0.0	30°	2974.2	2767.8	2561.4	2262.1	1962.9	1663.7	1364.5	1119.4	874.3
0.0	0.0	32.5°	3404.9	3157.8	2910.7	2602.0	2293.4	1984.8	1676.1	1375.4	1074.8
0.0	0.0	35°	3901.6	3613.3	3324.5	2982.1	2639.3	2296.9	1954.5	1615.1	1275.2
0.0	0.0	37.5°	4532.7	4178.9	3824.7	3443.1	3061.5	2680.4	2298.9	1910.8	1522.8
0.0	0.0	40°	5741.0	5284.5	4828.0	4343.2	3857.9	3373.1	2888.3	2412.0	1935.7
0.0	0.0	42.5°	7905.9	7289.1	6672.3	6027.3	5381.7	4736.7	4091.1	3419.3	2746.9
0.0	0.0	45°	10349.1	9584.0	8818.4	8094.4	7370.0	6646.0	5922.1	5000.1	4078.2
0.0	0.0	47.5°	11723.1	10896.9	10070.8	9385.5	8700.3	8015.0	7329.8	6335.9	5342.0
0.0	0.0	50°	12228.7	11387.6	10546.6	9915.9	9284.8	8654.1	8023.0	7027.6	6031.7
0.0	0.0	52.5°	12336.4	11478.5	10620.5	9985.9	9351.3	8717.1	8082.5	7093.6	6104.7
0.0	0.0	55°	12557.7	11637.2	10716.3	9992.8	9269.4	8545.9	7822.5	6817.7	5812.9
0.0	0.0	57.5°	12847.0	11903.2	10959.4	10135.3	9311.1	8487.4	7663.2	6564.6	5466.1
0.0	0.0	60°	12771.0	11949.8	11128.1	10245.4	9362.2	8479.5	7596.2	6388.0	5179.3
0.0	0.0	62.5°	11453.1	10799.2	10144.7	9418.8	8692.3	7966.4	7240.5	5996.5	4752.5
0.0	0.0	65°	9422.2	8944.9	8467.5	7883.5	7299.0	6715.0	6131.0	5015.5	3900.6
0.0	0.0	67.5°	7636.4	7098.5	6560.2	6094.7	5628.8	5163.4	4697.5	3819.7	2941.9
		70°	6067.0	5481.9	4896.4	4441.9	3986.9	3532.4	3077.9	2494.4	1911.3
		72.5°	4818.0	4290.6	3763.1	3278.4	2793.1	2308.3	1823.0	1478.2	1133.3
		75°	2302.8	2092.0	1881.1	1627.5	1374.0	1120.4	866.9	716.5	566.7
		77.5°	853.5	739.8	625.7	522.5	419.3	316.6	213.4	195.5	177.6
		80°	220.8	192.5	163.7	143.4	122.6	102.2	81.9	73.9	66.5
		82.5°	25.3	23.3	21.8	20.8	19.4	18.4	16.9	15.4	13.9
		85°	1.5	1.0	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
		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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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1048997

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	28.8	28.8
0.0	0.0	2.5°	26.8	26.3
0.0	0.0	5°	28.3	27.8
0.0	0.0	7.5°	31.3	30.3
0.0	0.0	10°	34.2	33.2
0.0	0.0	12.5°	38.7	37.2
0.0	0.0	15°	43.7	40.7
0.0	0.0	17.5°	52.1	45.6
0.0	0.0	20°	70.5	54.1
0.0	0.0	22.5°	99.2	67.5
0.0	0.0	25°	145.9	93.3
0.0	0.0	27.5°	202.9	124.0
0.0	0.0	30°	269.9	155.3
0.0	0.0	32.5°	329.0	185.1
0.0	0.0	35°	405.9	215.3
0.0	0.0	37.5°	500.7	254.1
0.0	0.0	40°	647.5	312.6
0.0	0.0	42.5°	912.0	420.8
0.0	0.0	45°	1481.1	727.4
0.0	0.0	47.5°	2279.0	1203.3
0.0	0.0	50°	2788.1	1535.7
0.0	0.0	52.5°	2829.8	1533.2
0.0	0.0	55°	2583.2	1363.0
0.0	0.0	57.5°	2204.1	1139.3
0.0	0.0	60°	1831.9	901.1
0.0	0.0	62.5°	1443.4	622.2
0.0	0.0	65°	1054.9	440.1
0.0	0.0	67.5°	757.7	329.0
		70°	498.2	252.1
		72.5°	324.5	205.4
		75°	218.3	170.2
		77.5°	127.5	113.1
		80°	45.2	39.7
		82.5°	8.4	6.0
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1048997

CATALOG NUMBER: GALN-SA2A-735-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

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



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

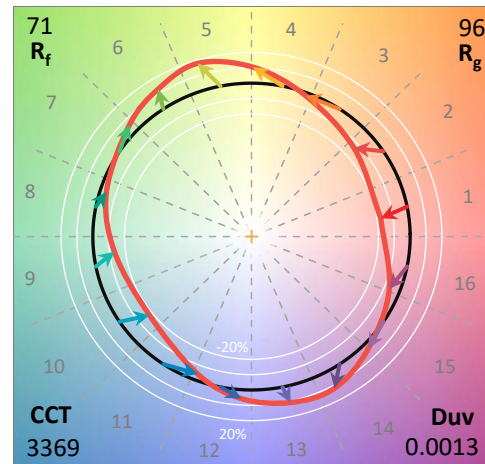
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369	CRI (Ra):	70.1		
CIE u':	0.2386	R1:	66.6	R9:	-40.2
CIE v':	0.5156	R2:	77.6	R10:	49.1
Duv:	0.0013	R3:	88.5	R11:	66.3
CIE x:	0.4143	R4:	69.5	R12:	45.7
CIE y:	0.3980	R5:	66.4	R13:	68.0
CIE z:	0.1877	R6:	69.6	R14:	93.4
Peak Wavelength (nm):	590	R7:	77.5	R15:	57.6
Dominant Wavelength (nm):	580	R8:	44.9		
Purity:	43.80166				
Rf:	71.4				
Rg:	96				



Test Conditions

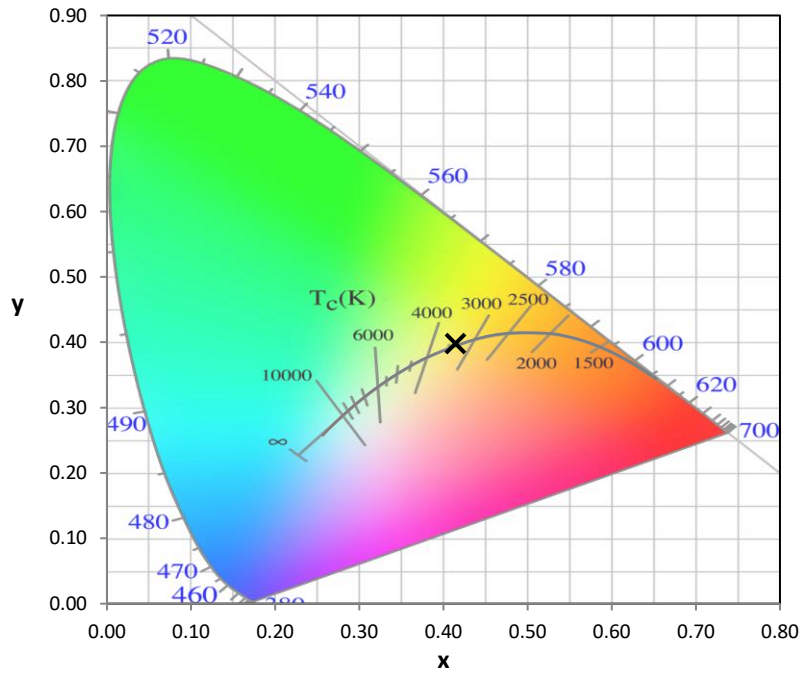
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

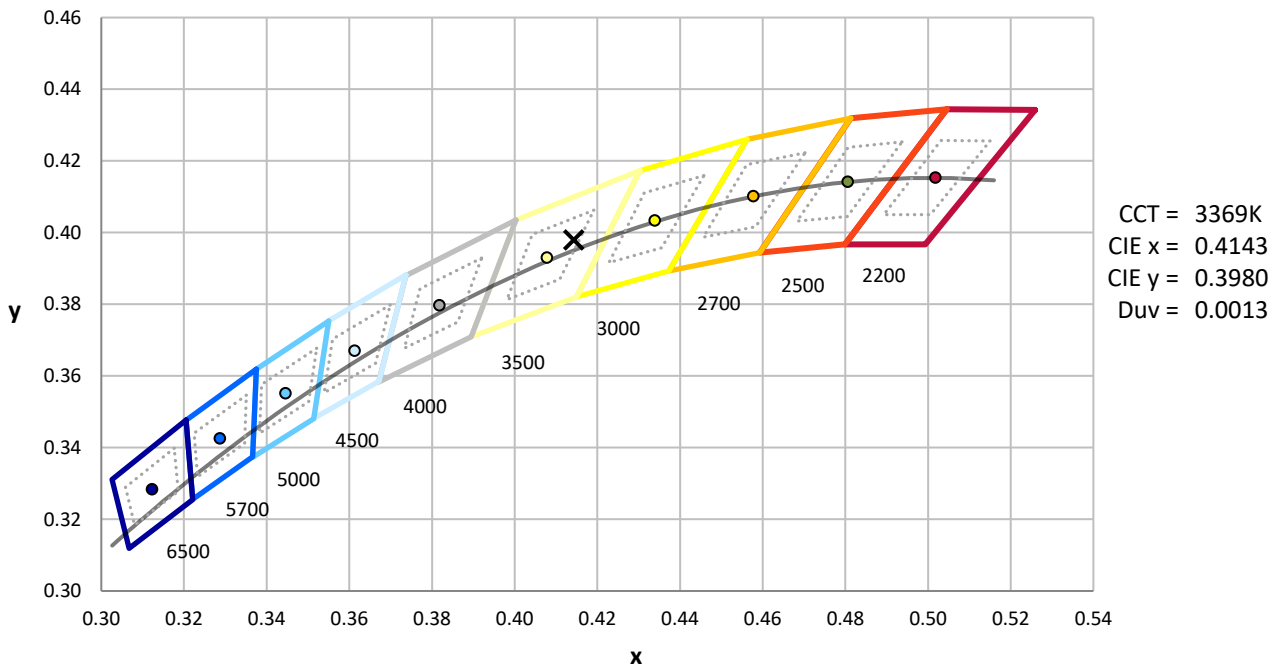
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-5

CIE 1931 Chromaticity Diagram



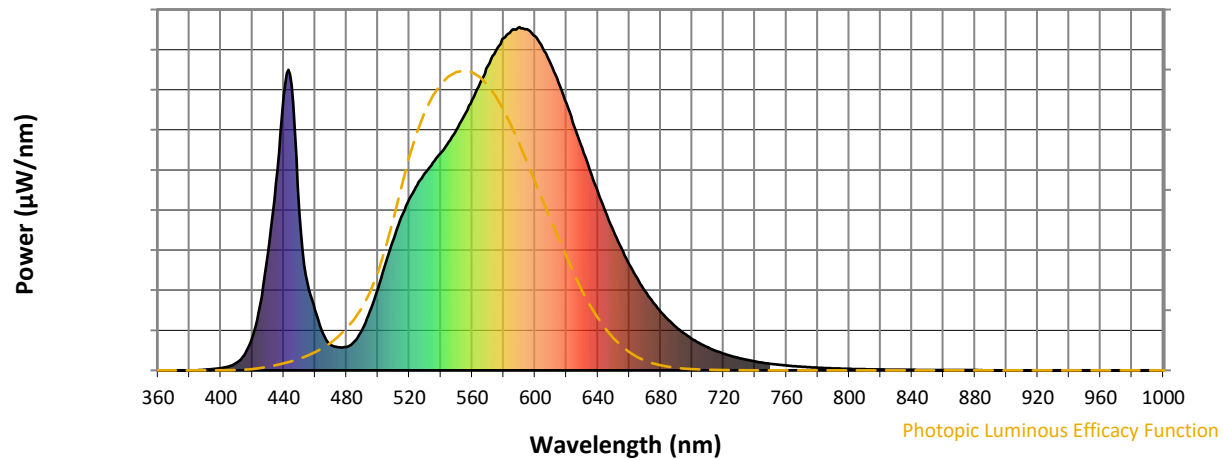
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

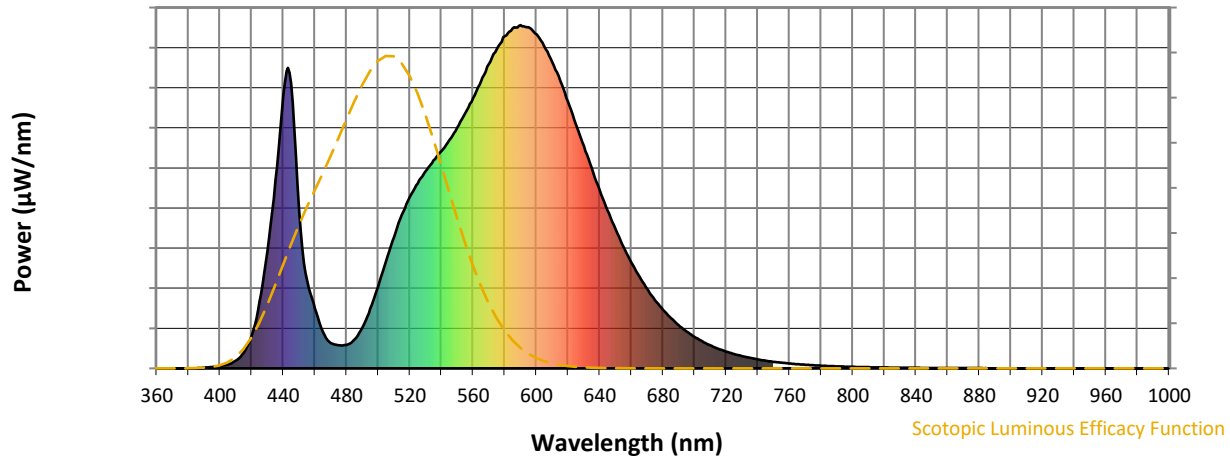


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength



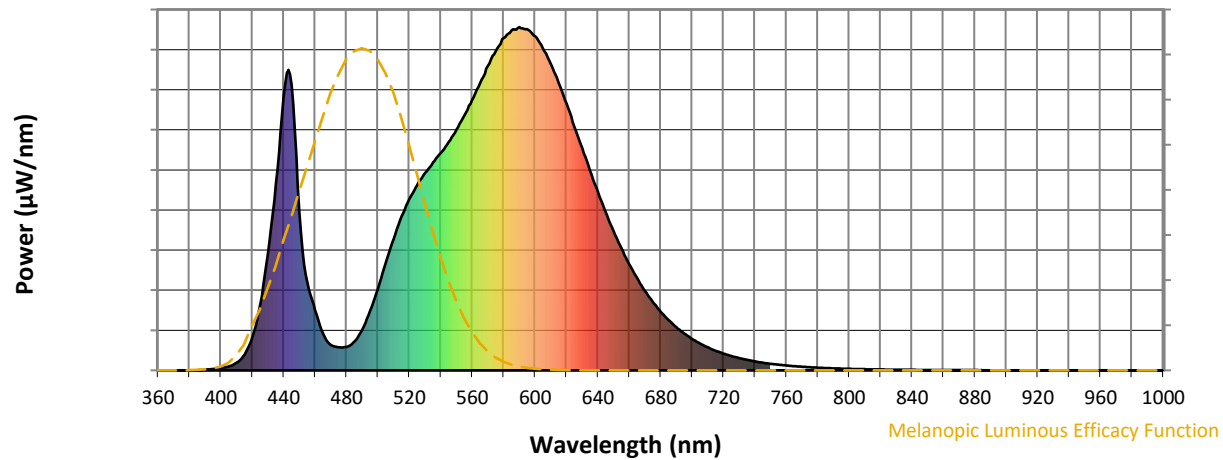
Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.36

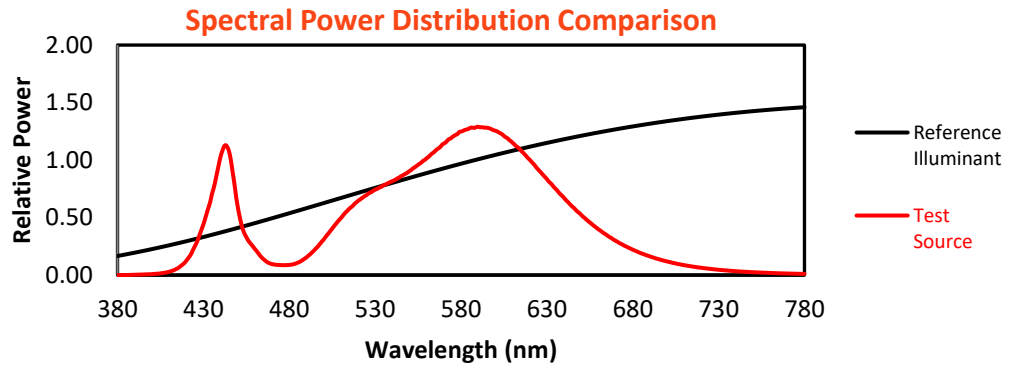
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

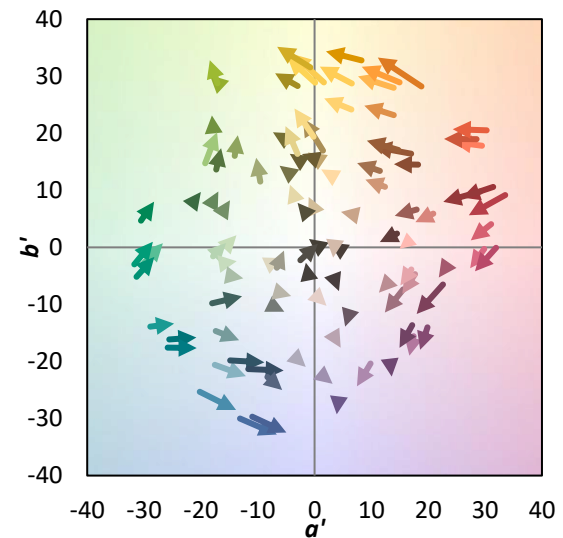
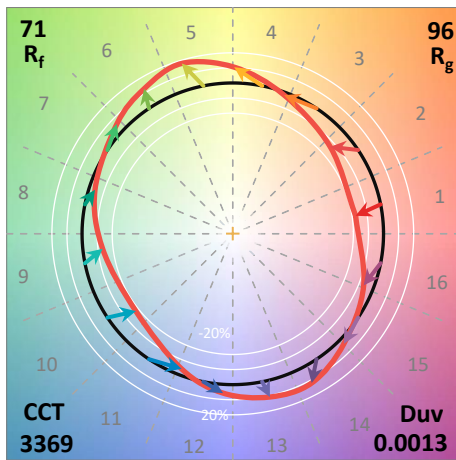
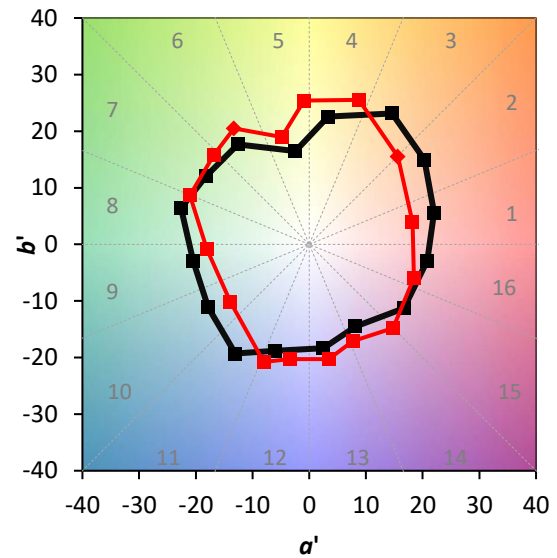
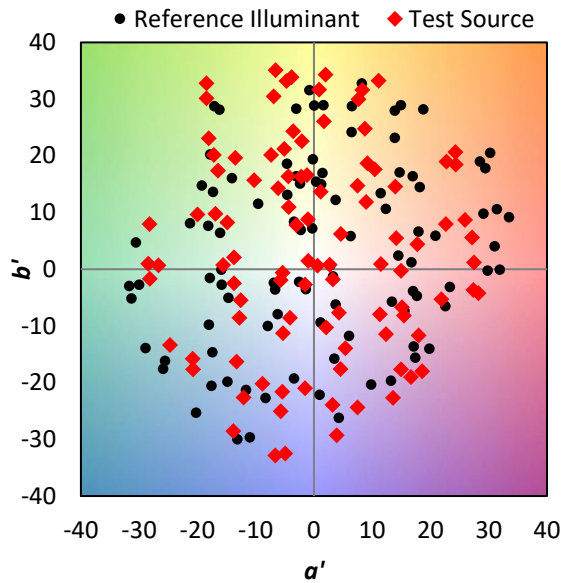
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 CIE $R_a = 70.1$
 $R_g = -40.2$

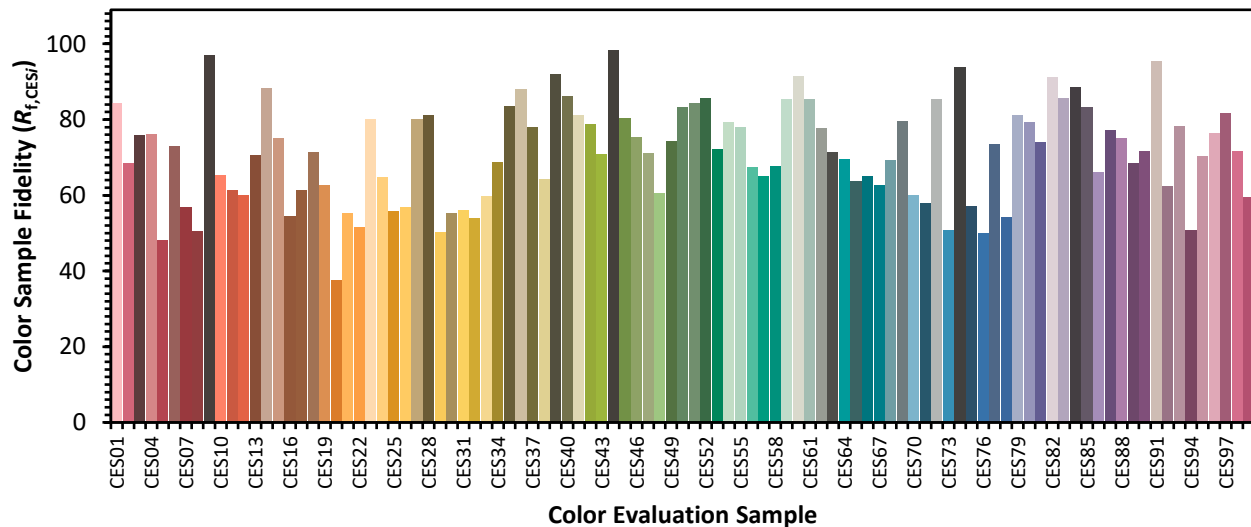


Color Vector Graphics

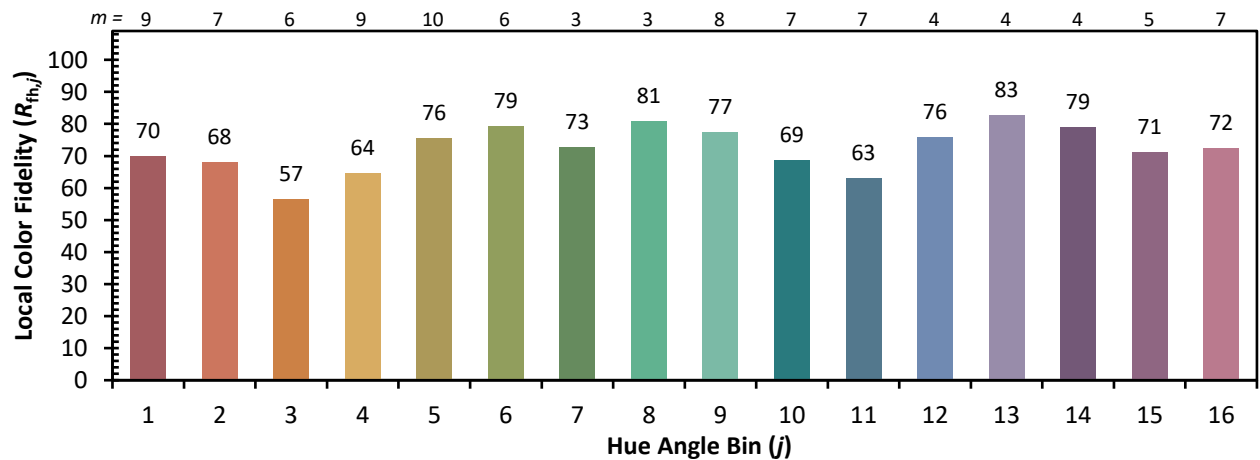
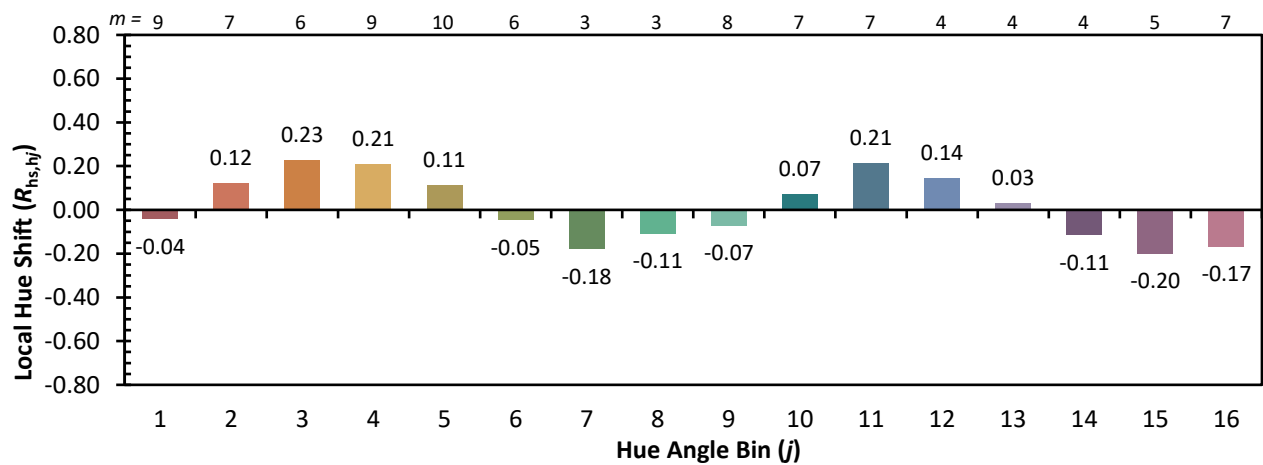
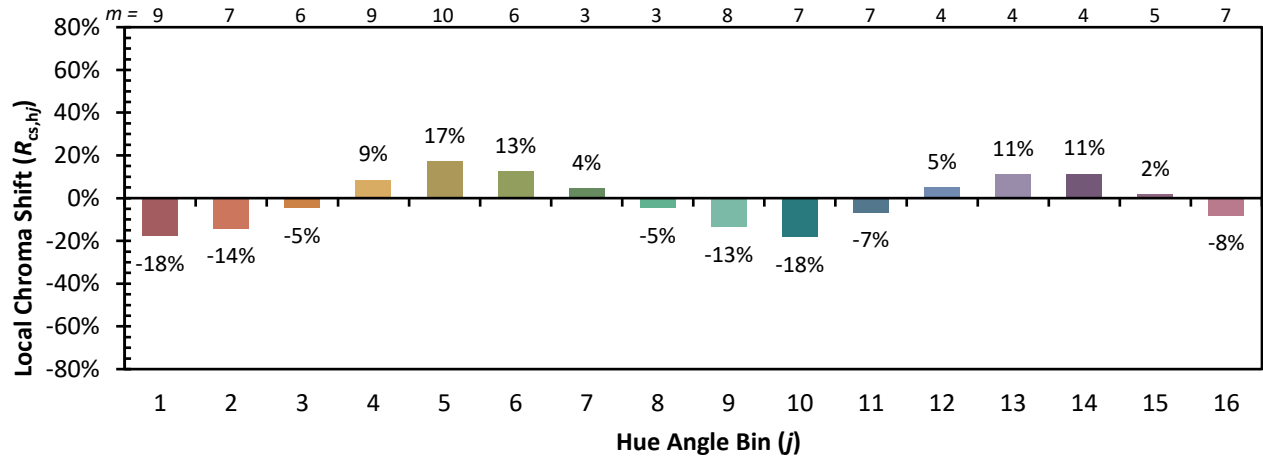


Individual Sample Fidelity Index ($R_{f,i}$)

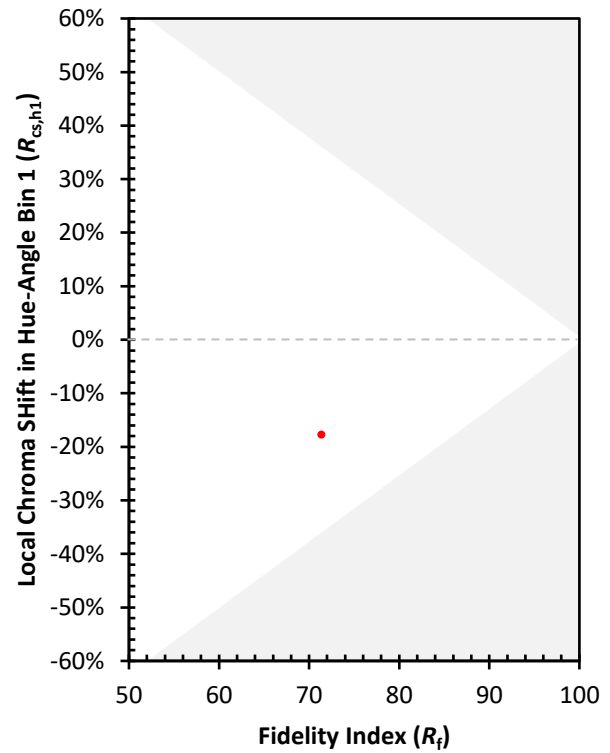
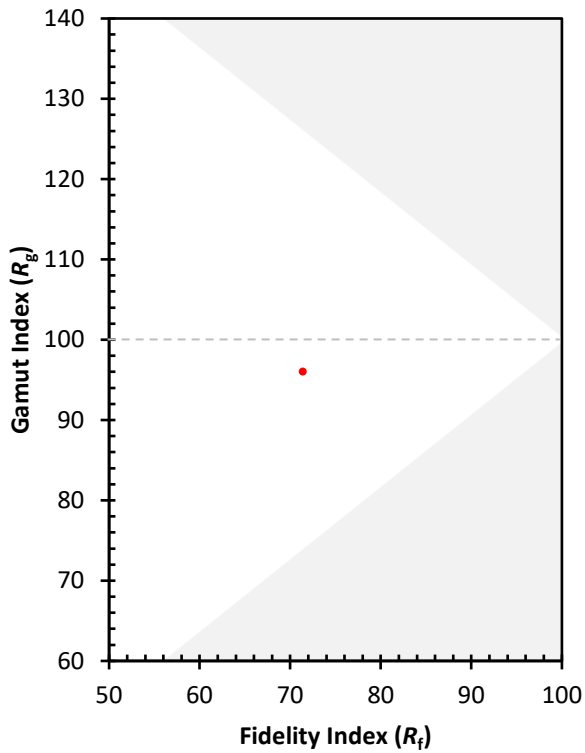
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)