

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: P1049006

Luminaire Tested: **GALN-SA4B-735-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049006
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4B-735-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
70CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16171.3 lumens
Efficiency: N/A
Efficacy: 112.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 144.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

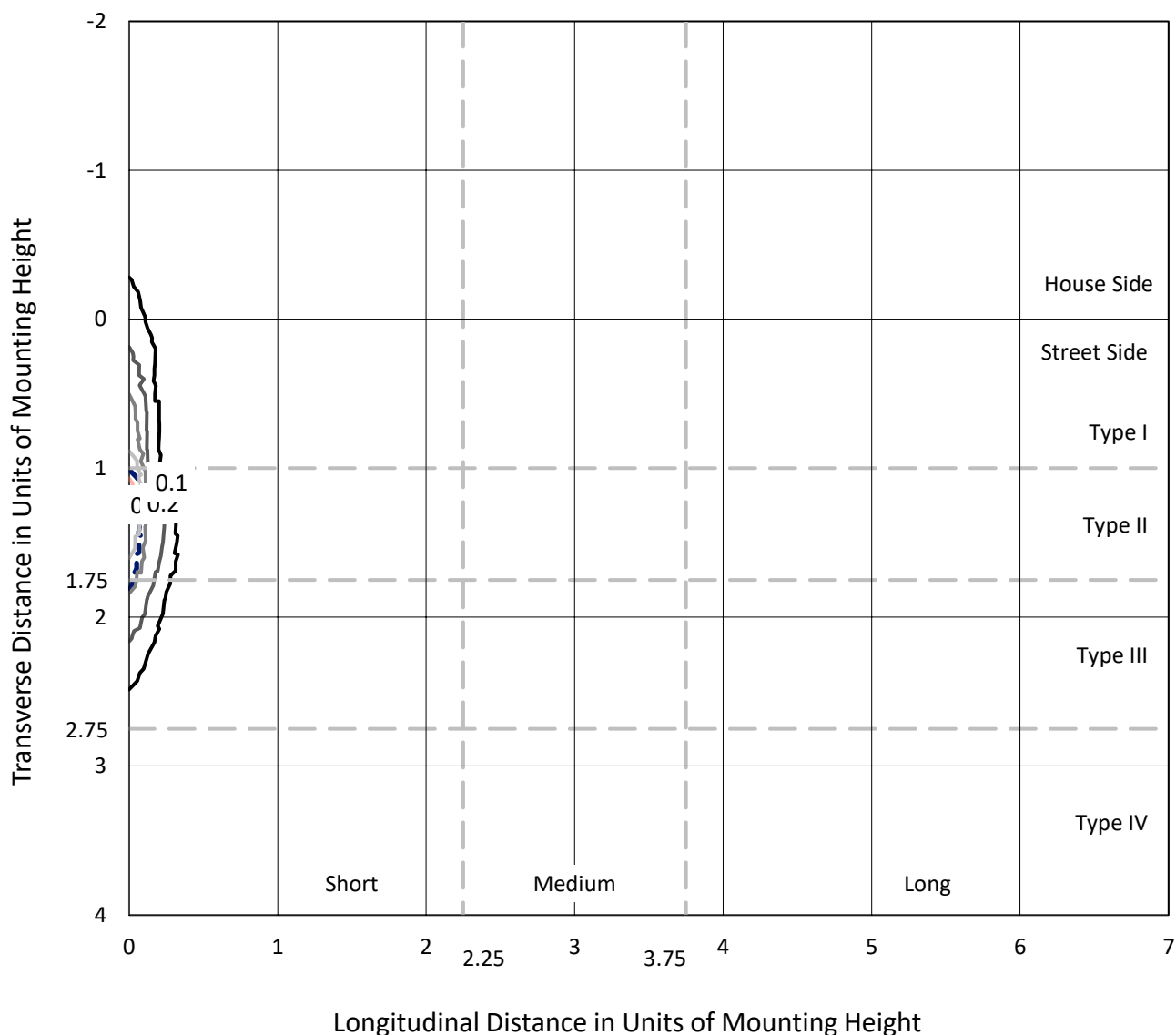
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

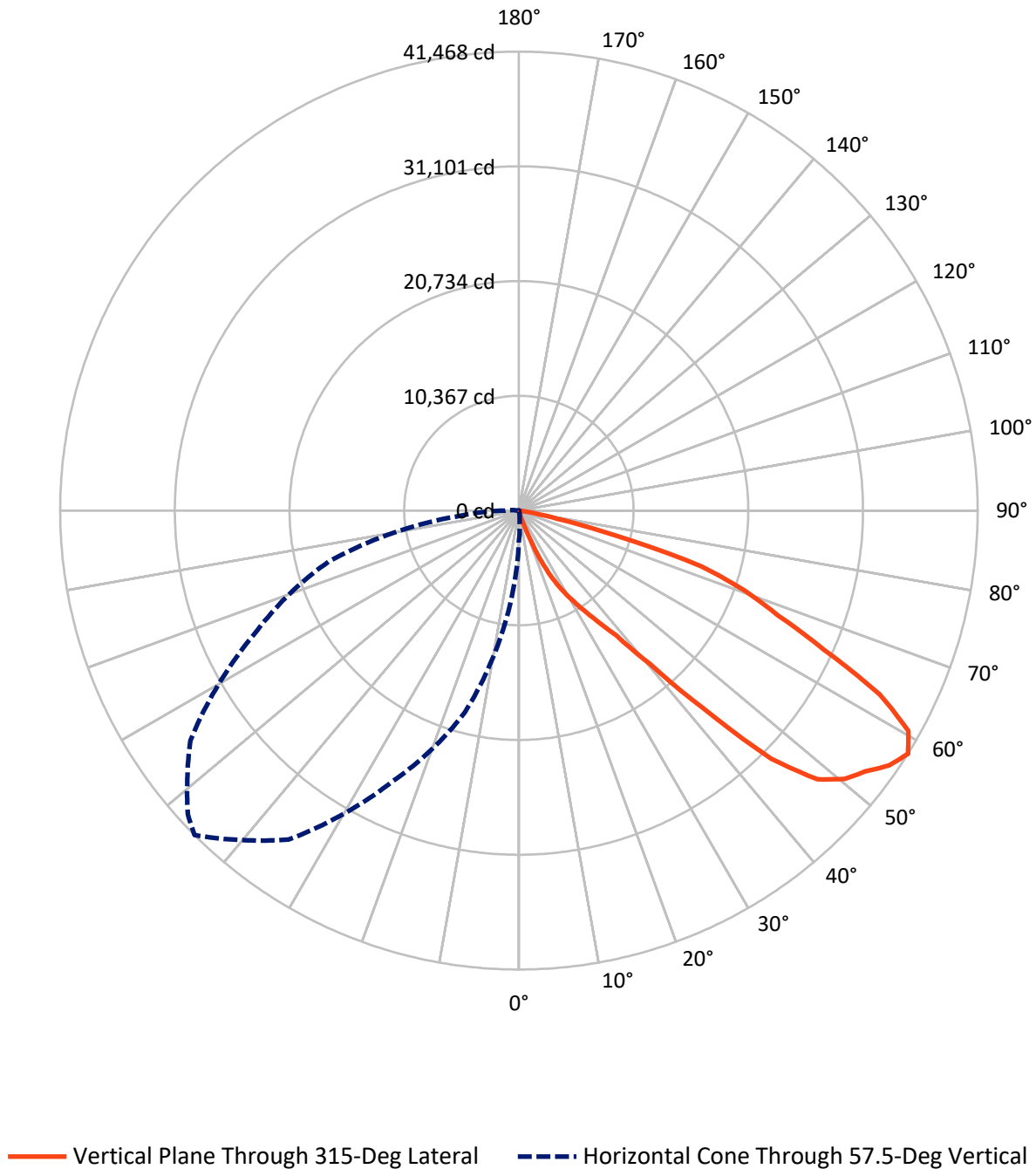


Based on 20 foot mounting height. Maximum calculated value = 2.4 fc

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	81.0	0.0	81.0
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	16090.3	0.0	16090.3
	% Fixture	99.5	0.0	99.5
Total	Lumens	16171.3	0.0	16171.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.3	0.0
10°-20°	35.5	0.2
20°-30°	383.2	2.4
30°-40°	1133.3	7.0
40°-50°	3377.5	20.9
50°-60°	5355.5	33.1
60°-70°	4470.6	27.6
70°-80°	1378.6	8.5
80°-90°	30.7	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	16171.3	100.0
0°-180°	16171.3	100.0



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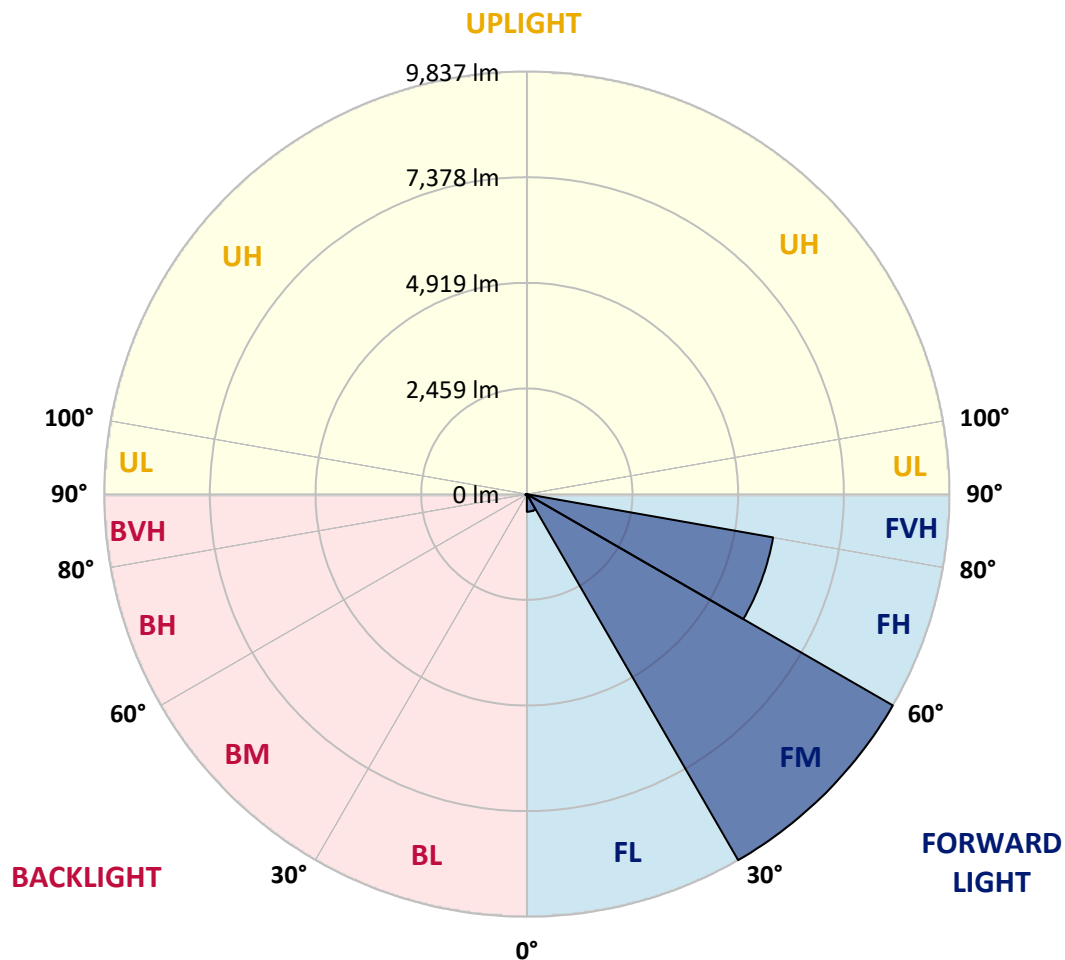
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	410.2	2.5			
FM	(30°-60°)	9837.4	60.8			
FH	(60°-80°)	5818.9	36.0			G3/7500
FVH	(80°-90°)	23.7	0.1			G1/100
BL	(0°-30°)	14.9	0.1	B0/110		
BM	(30°-60°)	28.9	0.2	B0/220		
BH	(60°-80°)	30.2	0.2	B0/110		G0/110
BVH	(80°-90°)	7.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

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°	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
2.5°	64.8	64.8	64.8	64.8	63.5	63.5	62.3	62.3	61.1	61.1
5°	68.4	68.4	67.2	66.0	66.0	64.8	63.5	62.3	62.3	61.1
7.5°	74.5	73.3	72.1	70.9	68.4	67.2	64.8	63.5	62.3	59.9
10°	81.9	79.4	77.0	74.5	72.1	69.7	67.2	66.0	63.5	62.3
12.5°	91.7	88.0	83.1	79.4	77.0	73.3	70.9	68.4	64.8	62.3
15°	100.2	95.3	89.2	84.3	80.7	75.8	72.1	68.4	66.0	62.3
17.5°	112.4	103.9	94.1	88.0	83.1	77.0	70.9	67.2	63.5	58.7
20°	133.2	116.1	97.8	90.4	83.1	75.8	68.4	63.5	59.9	55.0
22.5°	166.2	136.9	107.5	96.5	86.8	75.8	66.0	61.1	56.2	51.3
25°	229.7	177.2	124.6	110.0	95.3	80.7	66.0	59.9	55.0	48.9
27.5°	305.5	227.3	147.9	127.1	107.5	86.8	66.0	58.7	52.5	45.2
30°	382.5	278.6	173.5	146.6	119.8	92.9	66.0	57.4	50.1	41.5
32.5°	455.8	326.3	195.5	163.8	132.0	99.0	67.2	57.4	47.7	37.9
35°	530.4	365.4	199.2	166.2	133.2	99.0	66.0	55.0	45.2	34.2
37.5°	625.7	409.4	191.9	158.9	127.1	94.1	62.3	52.5	42.8	31.8
40°	769.9	482.7	195.5	161.3	127.1	92.9	58.7	48.9	40.3	30.6
42.5°	1036.3	624.5	211.4	172.3	133.2	92.9	53.8	45.2	37.9	29.3
45°	1791.5	1037.5	283.5	224.9	166.2	107.5	48.9	41.5	35.4	28.1
47.5°	2963.5	1736.5	509.6	393.5	278.6	162.5	47.7	41.5	35.4	28.1
50°	3782.2	2211.9	641.6	493.7	345.8	198.0	50.1	42.8	36.7	29.3
52.5°	3776.1	2246.1	714.9	548.7	383.7	217.5	52.5	45.2	39.1	31.8
55°	3357.0	2043.3	728.3	559.7	392.3	223.6	56.2	48.9	41.5	34.2
57.5°	2805.8	1735.3	664.8	514.5	365.4	215.1	64.8	56.2	48.9	40.3
60°	2219.2	1368.7	518.1	409.4	301.8	193.1	85.5	74.5	64.8	53.8
62.5°	1532.4	992.3	452.2	362.9	275.0	185.8	97.8	86.8	77.0	66.0
65°	1084.0	746.7	408.2	332.4	257.9	182.1	106.3	94.1	83.1	70.9
67.5°	810.2	593.9	376.4	311.6	246.9	182.1	117.3	102.7	89.2	74.5
70°	620.8	487.6	353.2	300.6	249.3	196.7	144.2	123.4	103.9	83.1
72.5°	505.9	416.7	326.3	288.4	250.5	212.6	174.8	147.9	121.0	92.9
75°	419.2	356.8	294.5	262.7	232.2	200.4	168.6	144.2	121.0	96.5
77.5°	278.6	254.2	228.5	210.2	191.9	172.3	154.0	133.2	113.7	92.9
80°	97.8	94.1	90.4	97.8	105.1	112.4	119.8	105.1	91.7	77.0
82.5°	14.7	13.4	12.2	13.4	14.7	15.9	17.1	18.3	19.6	20.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA4B-735-U-RBC

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°	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
0.0	2.5°	59.9	59.9	58.7	58.7	58.7	57.4	57.4	56.2	56.2	56.2
0.0	5°	58.7	58.7	57.4	56.2	55.0	55.0	53.8	52.5	52.5	51.3
0.0	7.5°	57.4	56.2	55.0	53.8	52.5	51.3	50.1	48.9	48.9	47.7
0.0	10°	58.7	56.2	55.0	52.5	51.3	50.1	47.7	46.4	45.2	45.2
0.0	12.5°	56.2	55.0	52.5	50.1	48.9	46.4	45.2	42.8	41.5	41.5
0.0	15°	56.2	53.8	50.1	47.7	45.2	44.0	41.5	39.1	37.9	36.7
0.0	17.5°	52.5	50.1	46.4	44.0	41.5	39.1	36.7	34.2	33.0	31.8
0.0	20°	47.7	45.2	41.5	37.9	35.4	33.0	30.6	28.1	26.9	25.7
0.0	22.5°	42.8	40.3	36.7	33.0	30.6	28.1	24.4	22.0	20.8	18.3
0.0	25°	40.3	36.7	33.0	29.3	25.7	23.2	19.6	15.9	13.4	11.0
0.0	27.5°	34.2	30.6	26.9	23.2	19.6	15.9	12.2	8.6	6.1	4.9
0.0	30°	29.3	25.7	22.0	18.3	13.4	9.8	6.1	1.2	1.2	1.2
0.0	32.5°	24.4	20.8	15.9	12.2	9.8	6.1	3.7	0.0	0.0	0.0
0.0	35°	19.6	15.9	11.0	7.3	6.1	3.7	2.4	0.0	0.0	0.0
0.0	37.5°	17.1	13.4	8.6	3.7	2.4	2.4	1.2	0.0	0.0	0.0
0.0	40°	15.9	11.0	6.1	1.2	1.2	1.2	0.0	0.0	0.0	0.0
0.0	42.5°	15.9	11.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	15.9	11.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	15.9	11.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	17.1	12.2	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	19.6	14.7	9.8	4.9	3.7	2.4	1.2	0.0	0.0	0.0
0.0	55°	24.4	22.0	18.3	15.9	12.2	8.6	3.7	0.0	0.0	0.0
0.0	57.5°	31.8	31.8	30.6	29.3	22.0	14.7	7.3	0.0	0.0	0.0
0.0	60°	42.8	42.8	42.8	42.8	31.8	22.0	11.0	0.0	0.0	0.0
0.0	62.5°	52.5	50.1	46.4	44.0	33.0	22.0	11.0	0.0	0.0	0.0
0.0	65°	52.5	47.7	41.5	35.4	26.9	18.3	8.6	0.0	0.0	0.0
0.0	67.5°	48.9	39.1	28.1	18.3	13.4	9.8	4.9	0.0	0.0	0.0
	70°	48.9	34.2	19.6	4.9	3.7	2.4	1.2	0.0	0.0	0.0
	72.5°	48.9	33.0	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	53.8	36.7	18.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	53.8	36.7	18.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	47.7	31.8	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	15.9	11.0	4.9	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°	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
0.0	2.5°	55.0	55.0	55.0	53.8	53.8	53.8	53.8	52.5	52.5	52.5
0.0	5°	50.1	50.1	48.9	48.9	47.7	47.7	46.4	46.4	45.2	45.2
0.0	7.5°	46.4	45.2	45.2	44.0	42.8	42.8	41.5	41.5	40.3	39.1
0.0	10°	42.8	41.5	41.5	40.3	39.1	37.9	37.9	36.7	35.4	34.2
0.0	12.5°	39.1	37.9	36.7	35.4	34.2	33.0	33.0	31.8	30.6	29.3
0.0	15°	34.2	33.0	31.8	30.6	29.3	28.1	28.1	26.9	25.7	24.4
0.0	17.5°	29.3	28.1	28.1	26.9	25.7	24.4	23.2	20.8	19.6	18.3
0.0	20°	22.0	20.8	19.6	18.3	17.1	14.7	13.4	11.0	8.6	7.3
0.0	22.5°	14.7	12.2	11.0	8.6	6.1	4.9	3.7	1.2	0.0	0.0
0.0	25°	4.9	3.7	2.4	1.2	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-SA4B-735-U-RBC

[illegible]

REPORT NUMBER: P1049006

CATALOG NUMBER: GALN-SA4B-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°	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
0.0	2.5°	51.3	51.3	51.3	50.1	50.1	50.1	50.1	50.1	50.1	50.1
0.0	5°	44.0	44.0	44.0	42.8	42.8	41.5	41.5	41.5	40.3	40.3
0.0	7.5°	37.9	36.7	36.7	35.4	35.4	34.2	34.2	34.2	33.0	33.0
0.0	10°	31.8	30.6	30.6	29.3	29.3	28.1	28.1	26.9	26.9	25.7
0.0	12.5°	28.1	26.9	25.7	24.4	24.4	23.2	22.0	22.0	20.8	19.6
0.0	15°	22.0	20.8	19.6	18.3	17.1	15.9	14.7	14.7	13.4	12.2
0.0	17.5°	14.7	12.2	11.0	9.8	9.8	8.6	7.3	6.1	4.9	3.7
0.0	20°	3.7	2.4	1.2	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: P1049006

CATALOG NUMBER: GALN-SA4B-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049006

CATALOG NUMBER: GALN-SA4B-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°	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
0.0	2.5°	50.1	48.9	48.9	48.9	50.1	50.1	50.1	50.1	50.1	50.1
0.0	5°	40.3	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
0.0	7.5°	33.0	31.8	31.8	31.8	31.8	30.6	30.6	30.6	30.6	30.6
0.0	10°	25.7	24.4	24.4	24.4	24.4	23.2	23.2	23.2	23.2	23.2
0.0	12.5°	18.3	18.3	17.1	17.1	17.1	15.9	15.9	15.9	15.9	14.7
0.0	15°	11.0	9.8	8.6	8.6	8.6	7.3	7.3	7.3	7.3	6.1
0.0	17.5°	2.4	2.4	1.2	1.2	1.2	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: P1049006

CATALOG NUMBER: GALN-SA4B-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049006

CATALOG NUMBER: GALN-SA4B-735-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
0.0	2.5°	51.3	51.3	52.5	52.5	53.8	56.2	57.4	58.7	61.1	63.5
0.0	5°	40.3	41.5	41.5	42.8	44.0	45.2	46.4	47.7	50.1	52.5
0.0	7.5°	31.8	31.8	33.0	33.0	34.2	36.7	37.9	39.1	41.5	45.2
0.0	10°	24.4	24.4	25.7	25.7	26.9	29.3	30.6	31.8	34.2	37.9
0.0	12.5°	15.9	17.1	17.1	18.3	19.6	22.0	23.2	24.4	26.9	29.3
0.0	15°	7.3	8.6	8.6	9.8	11.0	13.4	14.7	15.9	18.3	22.0
0.0	17.5°	1.2	1.2	2.4	2.4	3.7	4.9	6.1	7.3	11.0	13.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.9
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA4B-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049006

CATALOG NUMBER: GALN-SA4B-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°	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
0.0	2.5°	67.2	69.7	72.1	74.5	77.0	79.4	80.7	83.1	84.3	85.5
0.0	5°	57.4	59.9	63.5	66.0	68.4	70.9	73.3	74.5	75.8	77.0
0.0	7.5°	50.1	52.5	56.2	58.7	61.1	63.5	66.0	68.4	69.7	70.9
0.0	10°	42.8	46.4	48.9	52.5	55.0	57.4	59.9	62.3	64.8	66.0
0.0	12.5°	34.2	37.9	41.5	44.0	47.7	51.3	53.8	56.2	58.7	61.1
0.0	15°	26.9	30.6	34.2	36.7	40.3	44.0	47.7	50.1	52.5	55.0
0.0	17.5°	19.6	23.2	26.9	29.3	33.0	36.7	39.1	42.8	45.2	47.7
0.0	20°	9.8	13.4	17.1	20.8	24.4	28.1	30.6	34.2	36.7	39.1
0.0	22.5°	1.2	4.9	8.6	11.0	14.7	18.3	20.8	24.4	26.9	29.3
0.0	25°	0.0	1.2	3.7	4.9	6.1	8.6	11.0	13.4	15.9	18.3
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.2	2.4	4.9	7.3	9.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
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	1.2
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.4
0.0	85°	0.0	0.0	0.0	0.0	0.0	2.4	3.7	6.1	7.3	8.6
0.0	87.5°	0.0	1.2	2.4	3.7	4.9	7.3	9.8	12.2	13.4	14.7
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: P1049006

CATALOG NUMBER: GALN-SA4B-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
70.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.7	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											
1.2											
4.9											
11.0											
15.9											
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REPORT NUMBER: P1049006

CATALOG NUMBER: GALN-SA4B-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°	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
0.0	2.5°	86.8	86.8	86.8	86.8	85.5	85.5	85.5	84.3	84.3	83.1
0.0	5°	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	79.4	79.4
0.0	7.5°	73.3	74.5	75.8	75.8	77.0	77.0	77.0	75.8	75.8	74.5
0.0	10°	69.7	70.9	70.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1
0.0	12.5°	64.8	66.0	67.2	67.2	68.4	68.4	68.4	68.4	67.2	67.2
0.0	15°	58.7	61.1	62.3	63.5	63.5	64.8	64.8	64.8	64.8	64.8
0.0	17.5°	53.8	56.2	57.4	58.7	58.7	59.9	59.9	61.1	61.1	61.1
0.0	20°	44.0	46.4	47.7	50.1	51.3	52.5	53.8	55.0	55.0	56.2
0.0	22.5°	34.2	36.7	37.9	40.3	41.5	42.8	44.0	45.2	46.4	47.7
0.0	25°	24.4	26.9	28.1	30.6	31.8	33.0	34.2	35.4	35.4	36.7
0.0	27.5°	13.4	15.9	18.3	19.6	22.0	23.2	24.4	25.7	26.9	28.1
0.0	30°	6.1	7.3	8.6	11.0	12.2	13.4	14.7	17.1	18.3	19.6
0.0	32.5°	0.0	0.0	1.2	3.7	4.9	6.1	7.3	8.6	8.6	9.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.4	3.7	4.9
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	2.4	2.4	2.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	82.5°	6.1	7.3	8.6	8.6	9.8	9.8	9.8	9.8	8.6	8.6
	85°	12.2	13.4	14.7	14.7	15.9	15.9	15.9	15.9	15.9	15.9
	87.5°	17.1	18.3	19.6	19.6	20.8	20.8	20.8	20.8	20.8	20.8
	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: P1049006

CATALOG NUMBER: GALN-SA4B-735-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
70.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
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3.7											
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REPORT NUMBER: P1049006

CATALOG NUMBER: GALN-SA4B-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°	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
0.0	2.5°	81.9	81.9	80.7	80.7	80.7	80.7	80.7	81.9	83.1	83.1
0.0	5°	78.2	78.2	77.0	77.0	77.0	78.2	78.2	79.4	80.7	81.9
0.0	7.5°	74.5	73.3	73.3	74.5	74.5	75.8	75.8	77.0	78.2	79.4
0.0	10°	72.1	70.9	70.9	70.9	72.1	72.1	73.3	74.5	75.8	77.0
0.0	12.5°	67.2	67.2	67.2	67.2	68.4	68.4	69.7	70.9	73.3	74.5
0.0	15°	64.8	63.5	63.5	63.5	63.5	64.8	64.8	67.2	69.7	70.9
0.0	17.5°	59.9	59.9	58.7	58.7	59.9	59.9	61.1	63.5	66.0	67.2
0.0	20°	55.0	53.8	52.5	52.5	53.8	53.8	55.0	57.4	59.9	61.1
0.0	22.5°	47.7	46.4	46.4	46.4	46.4	47.7	47.7	50.1	53.8	56.2
0.0	25°	37.9	39.1	39.1	40.3	40.3	41.5	42.8	45.2	48.9	51.3
0.0	27.5°	29.3	30.6	30.6	33.0	34.2	35.4	36.7	40.3	44.0	46.4
0.0	30°	22.0	23.2	24.4	25.7	28.1	30.6	33.0	36.7	40.3	42.8
0.0	32.5°	13.4	15.9	17.1	19.6	22.0	24.4	26.9	30.6	35.4	39.1
0.0	35°	9.8	11.0	13.4	14.7	17.1	19.6	22.0	26.9	30.6	35.4
0.0	37.5°	4.9	7.3	9.8	12.2	14.7	17.1	19.6	24.4	29.3	33.0
0.0	40°	3.7	6.1	7.3	9.8	13.4	15.9	18.3	23.2	28.1	33.0
0.0	42.5°	2.4	3.7	4.9	8.6	11.0	14.7	18.3	23.2	28.1	33.0
0.0	45°	2.4	2.4	3.7	7.3	11.0	15.9	19.6	24.4	28.1	33.0
0.0	47.5°	2.4	3.7	4.9	9.8	12.2	15.9	19.6	23.2	28.1	31.8
0.0	50°	3.7	4.9	6.1	11.0	13.4	17.1	19.6	24.4	28.1	33.0
0.0	52.5°	2.4	3.7	4.9	9.8	13.4	18.3	22.0	26.9	31.8	35.4
0.0	55°	1.2	1.2	1.2	7.3	14.7	20.8	28.1	31.8	36.7	40.3
0.0	57.5°	0.0	0.0	0.0	4.9	14.7	23.2	31.8	36.7	41.5	45.2
0.0	60°	0.0	0.0	0.0	4.9	14.7	23.2	31.8	37.9	44.0	50.1
0.0	62.5°	0.0	0.0	0.0	4.9	12.2	19.6	26.9	36.7	47.7	57.4
0.0	65°	0.0	0.0	0.0	3.7	9.8	15.9	22.0	36.7	51.3	64.8
0.0	67.5°	0.0	0.0	0.0	3.7	9.8	14.7	20.8	36.7	51.3	67.2
	70°	0.0	0.0	0.0	3.7	9.8	15.9	22.0	36.7	51.3	66.0
	72.5°	0.0	0.0	0.0	3.7	11.0	17.1	24.4	36.7	48.9	61.1
	75°	0.0	0.0	0.0	4.9	11.0	18.3	25.7	36.7	47.7	57.4
	77.5°	0.0	0.0	0.0	3.7	11.0	17.1	24.4	35.4	46.4	56.2
	80°	3.7	2.4	2.4	6.1	11.0	15.9	20.8	31.8	44.0	55.0
	82.5°	7.3	7.3	6.1	8.6	11.0	14.7	18.3	28.1	39.1	48.9
	85°	14.7	14.7	13.4	14.7	14.7	15.9	17.1	22.0	26.9	31.8
	87.5°	19.6	19.6	18.3	18.3	18.3	17.1	17.1	17.1	17.1	15.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049006

CATALOG NUMBER: GALN-SA4B-735-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
70.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.7											
73.3											
68.4											
67.2											
66.0											
58.7											
36.7											
15.9											
0.0											
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REPORT NUMBER: P1049006

CATALOG NUMBER: GALN-SA4B-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°	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
0.0	2.5°	85.5	86.8	86.8	88.0	89.2	90.4	90.4	91.7	91.7	91.7
0.0	5°	84.3	86.8	88.0	89.2	90.4	91.7	92.9	94.1	95.3	95.3
0.0	7.5°	83.1	84.3	86.8	88.0	90.4	91.7	94.1	95.3	96.5	97.8
0.0	10°	80.7	83.1	85.5	88.0	90.4	92.9	95.3	97.8	100.2	101.4
0.0	12.5°	78.2	81.9	84.3	86.8	90.4	94.1	96.5	100.2	102.7	105.1
0.0	15°	77.0	79.4	83.1	85.5	90.4	95.3	99.0	103.9	108.8	112.4
0.0	17.5°	73.3	78.2	81.9	85.5	90.4	96.5	101.4	106.3	113.7	121.0
0.0	20°	68.4	72.1	77.0	80.7	88.0	94.1	101.4	107.5	118.5	129.5
0.0	22.5°	63.5	68.4	72.1	77.0	85.5	92.9	101.4	108.8	127.1	144.2
0.0	25°	58.7	64.8	69.7	74.5	84.3	94.1	103.9	113.7	144.2	174.8
0.0	27.5°	56.2	61.1	67.2	72.1	84.3	97.8	110.0	122.2	171.1	218.7
0.0	30°	52.5	58.7	63.5	69.7	85.5	101.4	117.3	133.2	207.7	282.3
0.0	32.5°	48.9	55.0	61.1	67.2	88.0	108.8	128.3	149.1	246.9	343.4
0.0	35°	45.2	52.5	58.7	64.8	91.7	119.8	146.6	173.5	282.3	389.8
0.0	37.5°	44.0	51.3	57.4	63.5	92.9	121.0	150.3	178.4	286.0	393.5
0.0	40°	45.2	51.3	58.7	64.8	89.2	113.7	136.9	161.3	273.7	384.9
0.0	42.5°	45.2	52.5	59.9	67.2	86.8	106.3	125.9	145.4	270.1	394.7
0.0	45°	44.0	51.3	58.7	66.0	84.3	101.4	119.8	136.9	292.1	446.0
0.0	47.5°	42.8	50.1	57.4	64.8	83.1	101.4	119.8	138.1	377.6	615.9
0.0	50°	42.8	50.1	56.2	62.3	84.3	107.5	129.5	151.5	549.9	947.1
0.0	52.5°	45.2	51.3	56.2	61.1	86.8	113.7	139.3	165.0	699.0	1231.8
0.0	55°	48.9	52.5	57.4	61.1	92.9	123.4	155.2	185.8	744.2	1302.7
0.0	57.5°	53.8	57.4	61.1	64.8	103.9	143.0	180.9	220.0	747.9	1274.6
0.0	60°	59.9	64.8	68.4	72.1	113.7	156.4	198.0	239.5	677.0	1113.3
0.0	62.5°	73.3	79.4	84.3	90.4	130.8	169.9	210.2	249.3	562.1	875.0
0.0	65°	84.3	89.2	94.1	99.0	138.1	178.4	217.5	256.6	476.6	696.6
0.0	67.5°	86.8	91.7	95.3	100.2	140.5	180.9	220.0	260.3	408.2	554.8
	70°	88.0	94.1	101.4	107.5	149.1	190.6	231.0	272.5	361.7	450.9
	72.5°	84.3	96.5	107.5	118.5	157.6	195.5	234.6	272.5	336.1	399.6
	75°	84.3	101.4	117.3	133.2	162.5	190.6	220.0	248.1	297.0	345.8
	77.5°	89.2	111.2	133.2	155.2	172.3	188.2	205.3	221.2	253.0	284.7
	80°	89.2	112.4	134.4	157.6	165.0	173.5	180.9	188.2	191.9	195.5
	82.5°	77.0	95.3	113.7	132.0	123.4	114.9	106.3	97.8	91.7	84.3
	85°	39.1	42.8	45.2	47.7	44.0	40.3	36.7	33.0	30.6	26.9
	87.5°	15.9	15.9	14.7	14.7	14.7	14.7	13.4	13.4	13.4	13.4
	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: P1049006

CATALOG NUMBER: GALN-SA4B-735-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
70.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
361.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
490.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
612.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
695.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
757.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
820.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
942.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1186.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1808.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2770.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3487.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3567.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3218.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2752.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2150.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1625.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
849.3											
631.8											
459.5											
345.8											
194.3											
88.0											
25.7											
12.2											
0.0											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049006

CATALOG NUMBER: GALN-SA4B-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°	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
0.0	2.5°	91.7	90.4	90.4	89.2	88.0	86.8	85.5	84.3	83.1	81.9
0.0	5°	95.3	95.3	95.3	94.1	94.1	92.9	92.9	91.7	90.4	89.2
0.0	7.5°	99.0	100.2	100.2	101.4	101.4	101.4	101.4	100.2	100.2	100.2
0.0	10°	105.1	106.3	107.5	108.8	110.0	111.2	111.2	112.4	112.4	112.4
0.0	12.5°	112.4	116.1	118.5	122.2	124.6	128.3	130.8	134.4	136.9	139.3
0.0	15°	123.4	129.5	136.9	143.0	149.1	157.6	167.4	176.0	184.5	198.0
0.0	17.5°	139.3	158.9	178.4	196.7	216.3	259.1	301.8	343.4	386.2	448.5
0.0	20°	169.9	228.5	286.0	344.6	402.1	552.4	701.5	851.8	1000.9	1160.9
0.0	22.5°	238.3	382.5	526.7	670.9	815.1	1129.2	1442.0	1756.1	2068.9	2436.8
0.0	25°	345.8	611.0	876.2	1140.2	1405.4	1896.6	2389.1	2880.4	3371.6	3849.4
0.0	27.5°	503.5	909.2	1314.9	1719.4	2125.1	2791.2	3458.4	4124.4	4790.4	5330.6
0.0	30°	697.8	1247.7	1797.6	2347.6	2897.5	3655.1	4412.8	5169.3	5926.9	6517.2
0.0	32.5°	881.1	1554.4	2227.8	2899.9	3573.3	4436.0	5300.0	6162.8	7025.5	7670.8
0.0	35°	1000.9	1814.7	2629.8	3443.7	4257.6	5191.3	6124.9	7057.3	7991.0	8727.9
0.0	37.5°	1120.6	2060.4	2998.9	3938.7	4877.2	5902.5	6927.8	7953.1	8978.4	9888.8
0.0	40°	1255.0	2357.3	3458.4	4560.7	5661.7	6876.5	8090.0	9304.7	10518.2	11802.5
0.0	42.5°	1488.5	2849.8	4212.4	5573.8	6935.1	8542.1	10149.1	11754.9	13361.9	15194.9
0.0	45°	1927.2	3845.8	5765.6	7684.2	9602.8	11731.7	13861.7	15990.5	18119.3	20558.5
0.0	47.5°	3001.3	5641.0	8279.4	10919.0	13557.4	15856.1	18153.5	20452.2	22749.6	25179.1
0.0	50°	4592.5	7664.7	10736.9	13807.9	16880.1	18960.1	21038.8	23118.7	25197.4	27508.3
0.0	52.5°	5743.6	8944.2	12145.9	15346.5	18547.0	20424.1	22302.4	24179.4	26056.5	28215.8
0.0	55°	5830.4	9012.6	12196.0	15378.2	18560.5	20446.1	22331.7	24217.3	26102.9	28391.8
0.0	57.5°	5161.9	8318.5	11473.8	14630.3	17785.7	19932.8	22078.7	24225.9	26371.8	28846.4
0.0	60°	4390.8	7548.6	10705.1	13862.9	17019.5	19492.9	21967.5	24440.9	26914.4	29232.6
0.0	62.5°	3425.4	6673.6	9923.0	13171.2	16419.4	18930.7	21442.0	23952.1	26463.4	28202.4
0.0	65°	2552.9	5707.0	8861.1	12013.9	15168.1	17179.5	19191.0	21201.3	23212.8	24289.4
0.0	67.5°	1845.3	4565.6	7284.6	10004.9	12724.0	14163.5	15603.1	17041.4	18481.0	19304.7
	70°	1247.7	3132.1	5015.3	6899.7	8782.9	9965.8	11150.0	12332.9	13515.8	14627.9
	72.5°	864.0	1922.3	2981.8	4040.1	5098.4	6288.7	7477.7	8668.0	9857.0	11033.9
	75°	573.1	1054.6	1537.3	2018.8	2500.3	3381.4	4263.7	5144.8	6025.9	6727.4
	77.5°	406.9	551.1	696.6	840.8	985.0	1149.9	1316.1	1481.1	1646.1	1896.6
	80°	193.1	211.4	229.7	246.9	265.2	325.1	384.9	444.8	504.7	568.3
	82.5°	91.7	99.0	106.3	112.4	119.8	125.9	132.0	138.1	144.2	138.1
	85°	24.4	24.4	25.7	25.7	25.7	25.7	25.7	25.7	25.7	24.4
	87.5°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	9.8	9.8	8.6
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
70.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
212.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
509.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1322.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2804.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4327.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5870.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7108.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8317.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9464.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10800.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13086.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17028.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22997.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27608.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29819.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30375.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30681.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31321.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31549.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29942.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25367.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20129.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15738.7											
12210.7											
7428.8											
2147.1											
631.8											
130.8											
23.2											
8.6											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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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°	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
0.0	2.5°	79.4	78.2	77.0	75.8	74.5	72.1	72.1	70.9	70.9
0.0	5°	86.8	85.5	84.3	83.1	83.1	81.9	80.7	80.7	79.4
0.0	7.5°	99.0	97.8	96.5	95.3	95.3	94.1	94.1	92.9	92.9
0.0	10°	113.7	113.7	113.7	113.7	113.7	112.4	112.4	112.4	111.2
0.0	12.5°	143.0	144.2	146.6	149.1	152.8	152.8	152.8	151.5	151.5
0.0	15°	226.1	239.5	249.3	259.1	267.6	287.2	284.7	281.1	278.6
0.0	17.5°	571.9	633.0	666.0	697.8	730.8	821.2	806.6	791.9	778.4
0.0	20°	1482.3	1642.4	1748.7	1855.1	1962.6	2132.5	2090.9	2049.4	2007.8
0.0	22.5°	3171.2	3539.0	3699.1	3859.2	4018.1	4223.4	4090.2	3957.0	3825.0
0.0	25°	4803.9	5281.7	5551.8	5821.8	6090.7	6208.0	6034.5	5859.7	5686.2
0.0	27.5°	6410.9	6951.0	7189.3	7426.4	7664.7	7910.3	7695.2	7478.9	7263.8
0.0	30°	7698.9	8289.1	8547.0	8803.6	9061.5	9232.6	9010.2	8786.5	8564.1
0.0	32.5°	8962.5	9607.7	9890.0	10172.3	10453.4	10699.0	10425.3	10150.3	9876.6
0.0	35°	10200.4	10937.3	11325.9	11714.5	12103.2	12331.7	12006.6	11680.3	11355.3
0.0	37.5°	11710.9	12621.3	13056.4	13491.4	13926.5	14343.2	13985.1	13625.8	13267.8
0.0	40°	14371.3	15655.6	16322.9	16991.3	17658.6	18196.3	17744.1	17292.0	16839.8
0.0	42.5°	18861.1	20694.1	21653.5	22611.5	23570.8	24410.4	23935.0	23459.6	22984.3
0.0	45°	25436.9	27876.1	29045.6	30213.9	31383.4	31996.9	31312.5	30626.9	29942.6
0.0	47.5°	30036.7	32466.1	33507.3	34548.5	35589.7	36289.9	35452.8	34615.7	33779.8
0.0	50°	32128.8	34439.7	35484.6	36528.2	37573.1	38129.1	37162.5	36194.6	35228.0
0.0	52.5°	32533.3	34692.7	35939.2	37186.9	38433.4	39176.4	38035.0	36892.4	35751.0
0.0	55°	32970.8	35259.7	36705.4	38152.3	39598.0	40627.0	39336.5	38044.8	36754.3
0.0	57.5°	33794.5	36269.1	37711.2	39151.9	40594.0	41467.7	40173.6	38878.2	37584.1
0.0	60°	33867.8	36184.8	37424.0	38664.4	39903.5	40453.4	39215.5	37976.3	36738.4
0.0	62.5°	31681.6	33420.5	34280.9	35141.2	36001.5	36599.1	35307.4	34014.5	32722.8
0.0	65°	26443.9	27520.5	28206.1	28891.6	29577.2	30289.7	29106.7	27923.8	26740.8
0.0	67.5°	20953.2	21776.9	22680.0	23583.1	24486.2	25247.5	24300.4	23352.1	22405.0
	70°	16850.8	17961.7	18977.2	19992.7	21008.2	21631.5	20680.7	19728.7	18778.0
	72.5°	13387.5	14564.4	15412.5	16259.3	17107.4	17260.2	16561.2	15862.2	15164.4
	75°	8129.1	8830.5	8847.6	8863.5	8880.6	9026.0	8446.8	7867.5	7289.5
	77.5°	2397.7	2648.2	2854.7	3060.0	3266.5	3515.8	3303.2	3089.3	2876.7
	80°	694.1	757.7	811.4	864.0	917.8	886.0	835.9	785.8	735.7
	82.5°	124.6	117.3	116.1	114.9	114.9	108.8	99.0	89.2	79.4
	85°	22.0	20.8	19.6	18.3	17.1	15.9	13.4	12.2	9.8
	87.5°	7.3	6.1	4.9	3.7	3.7	1.2	1.2	1.2	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA4B-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°	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
0.0	0.0	2.5°	69.7	68.4	68.4	68.4	68.4	67.2	67.2	67.2	67.2
0.0	0.0	5°	77.0	77.0	75.8	75.8	74.5	74.5	73.3	73.3	72.1
0.0	0.0	7.5°	90.4	89.2	88.0	86.8	85.5	83.1	81.9	80.7	80.7
0.0	0.0	10°	108.8	106.3	105.1	102.7	101.4	99.0	96.5	94.1	91.7
0.0	0.0	12.5°	143.0	138.1	134.4	129.5	124.6	121.0	116.1	112.4	107.5
0.0	0.0	15°	248.1	235.9	222.4	206.5	189.4	173.5	156.4	146.6	135.6
0.0	0.0	17.5°	634.2	570.7	505.9	453.4	400.8	349.5	297.0	259.1	221.2
0.0	0.0	20°	1614.3	1438.3	1262.4	1088.8	914.1	740.6	565.8	477.8	389.8
0.0	0.0	22.5°	3038.0	2711.7	2384.2	2067.7	1750.0	1433.5	1117.0	917.8	719.8
0.0	0.0	25°	4689.0	4278.4	3867.8	3347.2	2825.4	2304.8	1784.2	1460.3	1136.5
0.0	0.0	27.5°	6101.7	5628.7	5155.8	4522.8	3889.8	3256.8	2623.7	2141.0	1659.5
0.0	0.0	30°	7325.0	6816.6	6308.2	5571.3	4834.4	4097.5	3360.6	2756.9	2153.2
0.0	0.0	32.5°	8385.7	7777.1	7168.5	6408.4	5648.3	4888.2	4128.1	3387.5	2647.0
0.0	0.0	35°	9609.0	8898.9	8187.7	7344.5	6500.1	5656.9	4813.6	3977.8	3140.7
0.0	0.0	37.5°	11163.4	10292.1	9419.5	8479.8	7540.0	6601.5	5661.7	4706.1	3750.5
0.0	0.0	40°	14139.1	13014.8	11890.5	10696.6	9501.4	8307.5	7113.5	5940.4	4767.2
0.0	0.0	42.5°	19470.9	17951.9	16432.9	14844.2	13254.3	11665.7	10075.8	8421.1	6765.3
0.0	0.0	45°	25488.2	23603.8	21718.2	19935.3	18151.1	16368.1	14585.1	12314.6	10044.0
0.0	0.0	47.5°	28872.1	26837.4	24802.7	23115.0	21427.4	19739.7	18052.1	15604.3	13156.6
0.0	0.0	50°	30117.4	28046.0	25974.6	24421.4	22866.9	21313.7	19759.3	17307.9	14855.2
0.0	0.0	52.5°	30382.5	28269.6	26156.7	24593.7	23030.7	21468.9	19905.9	17470.4	15034.8
0.0	0.0	55°	30927.6	28660.7	26392.6	24610.8	22829.1	21047.3	19265.6	16790.9	14316.3
0.0	0.0	57.5°	31640.0	29315.7	26991.4	24961.5	22931.7	20903.1	18873.3	16167.7	13462.1
0.0	0.0	60°	31453.1	29430.6	27406.9	25232.8	23057.6	20883.6	18708.3	15732.6	12755.7
0.0	0.0	62.5°	28207.3	26596.6	24984.8	23196.9	21407.8	19620.0	17832.1	14768.4	11704.8
0.0	0.0	65°	23205.5	22029.8	20854.2	19415.9	17976.3	16538.0	15099.6	12352.5	9606.5
0.0	0.0	67.5°	18807.3	17482.6	16156.7	15010.4	13862.9	12716.6	11569.1	9407.3	7245.5
		70°	14942.0	13501.2	12059.2	10939.8	9819.1	8699.8	7580.4	6143.2	4707.3
		72.5°	11866.1	10567.0	9268.0	8074.1	6878.9	5685.0	4489.8	3640.5	2791.2
		75°	5671.5	5152.2	4632.8	4008.3	3383.8	2759.4	2134.9	1764.6	1395.6
		77.5°	2101.9	1822.1	1541.0	1286.8	1032.6	779.7	525.5	481.5	437.5
		80°	543.8	474.2	403.3	353.2	301.8	251.7	201.6	182.1	163.8
		82.5°	62.3	57.4	53.8	51.3	47.7	45.2	41.5	37.9	34.2
		85°	3.7	2.4	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: P1049006

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	70.9	70.9
0.0	0.0	2.5°	66.0	64.8
0.0	0.0	5°	69.7	68.4
0.0	0.0	7.5°	77.0	74.5
0.0	0.0	10°	84.3	81.9
0.0	0.0	12.5°	95.3	91.7
0.0	0.0	15°	107.5	100.2
0.0	0.0	17.5°	128.3	112.4
0.0	0.0	20°	173.5	133.2
0.0	0.0	22.5°	244.4	166.2
0.0	0.0	25°	359.3	229.7
0.0	0.0	27.5°	499.8	305.5
0.0	0.0	30°	664.8	382.5
0.0	0.0	32.5°	810.2	455.8
0.0	0.0	35°	999.6	530.4
0.0	0.0	37.5°	1233.0	625.7
0.0	0.0	40°	1594.8	769.9
0.0	0.0	42.5°	2246.1	1036.3
0.0	0.0	45°	3647.8	1791.5
0.0	0.0	47.5°	5612.9	2963.5
0.0	0.0	50°	6866.7	3782.2
0.0	0.0	52.5°	6969.3	3776.1
0.0	0.0	55°	6362.0	3357.0
0.0	0.0	57.5°	5428.3	2805.8
0.0	0.0	60°	4511.8	2219.2
0.0	0.0	62.5°	3554.9	1532.4
0.0	0.0	65°	2598.1	1084.0
0.0	0.0	67.5°	1866.1	810.2
		70°	1226.9	620.8
		72.5°	799.2	505.9
		75°	537.7	419.2
		77.5°	314.1	278.6
		80°	111.2	97.8
		82.5°	20.8	14.7
		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: P1049006

CATALOG NUMBER: GALN-SA4B-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

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

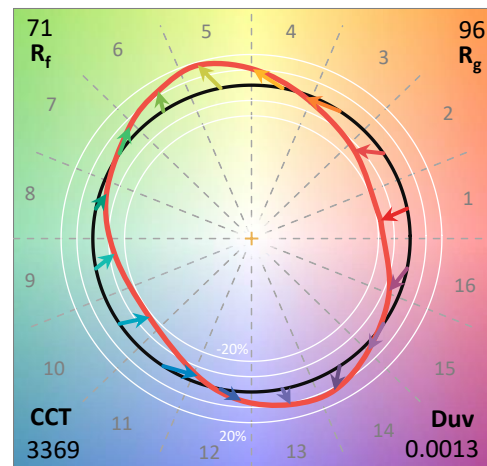
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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

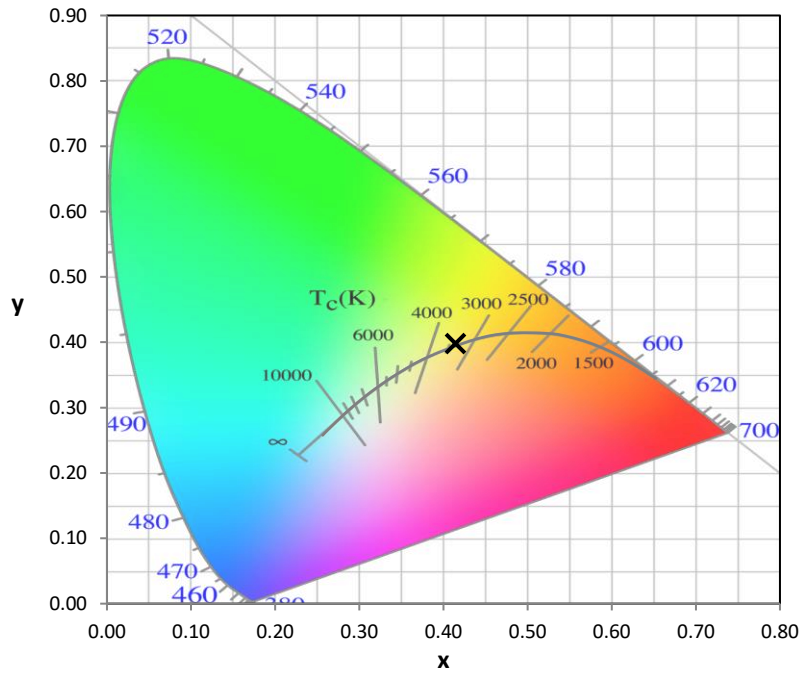
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

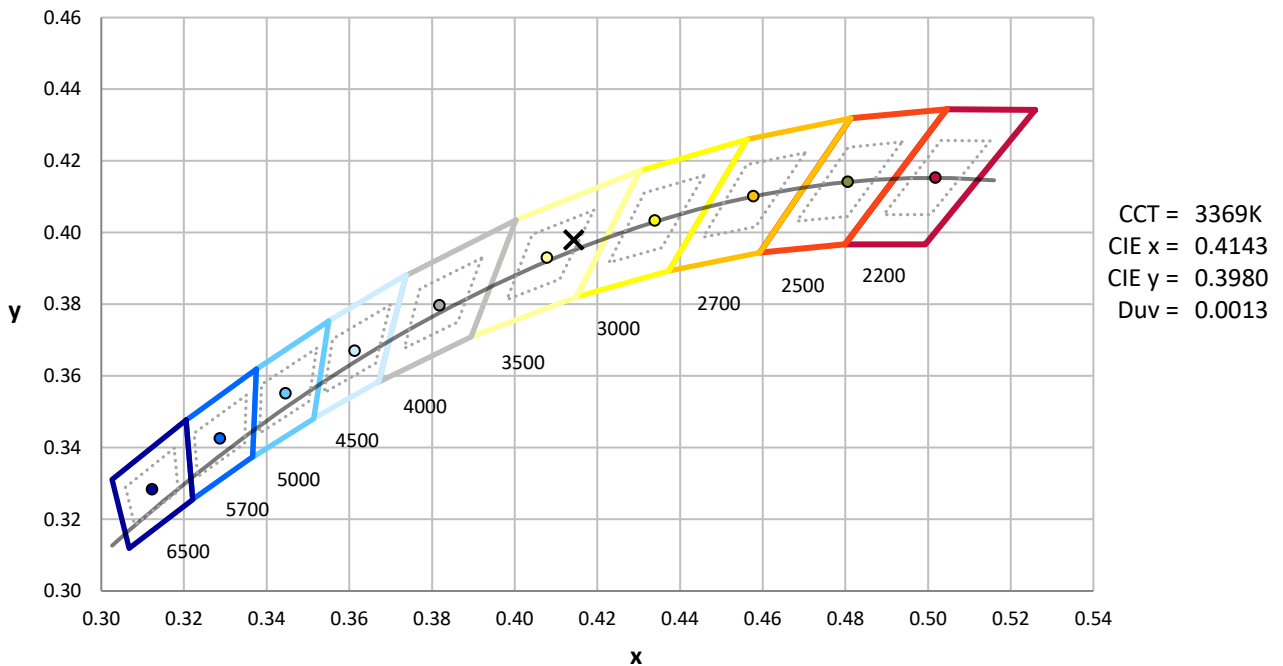
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

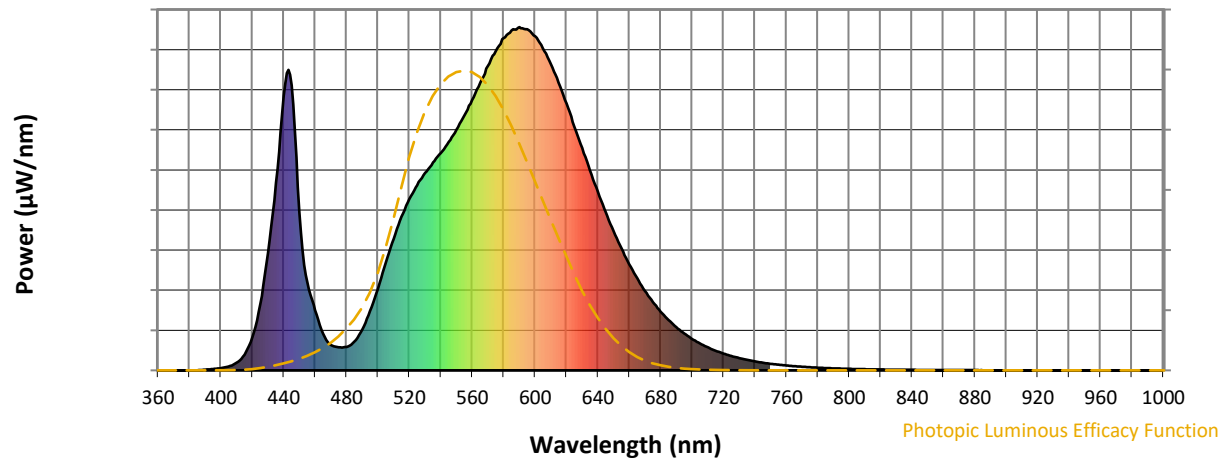


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

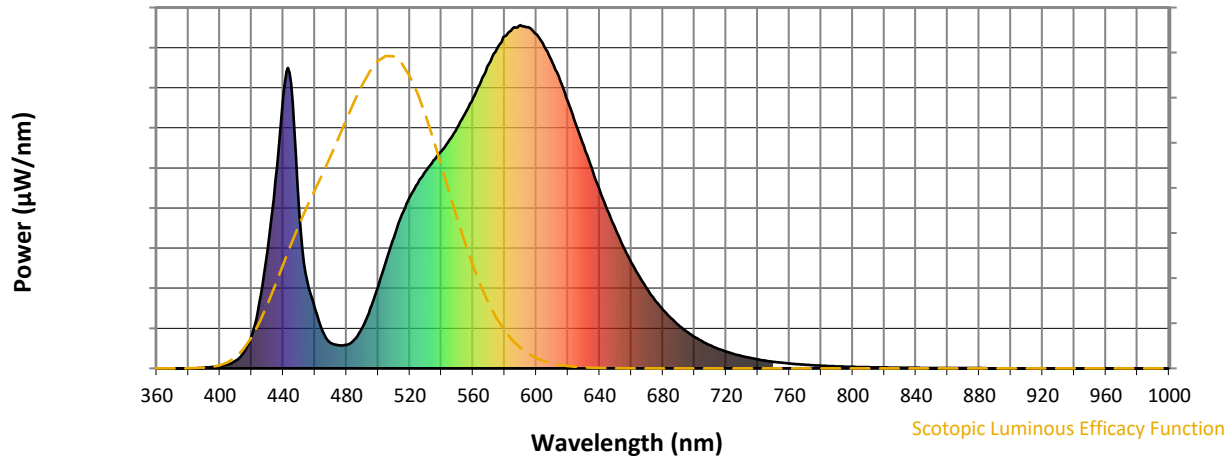


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	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

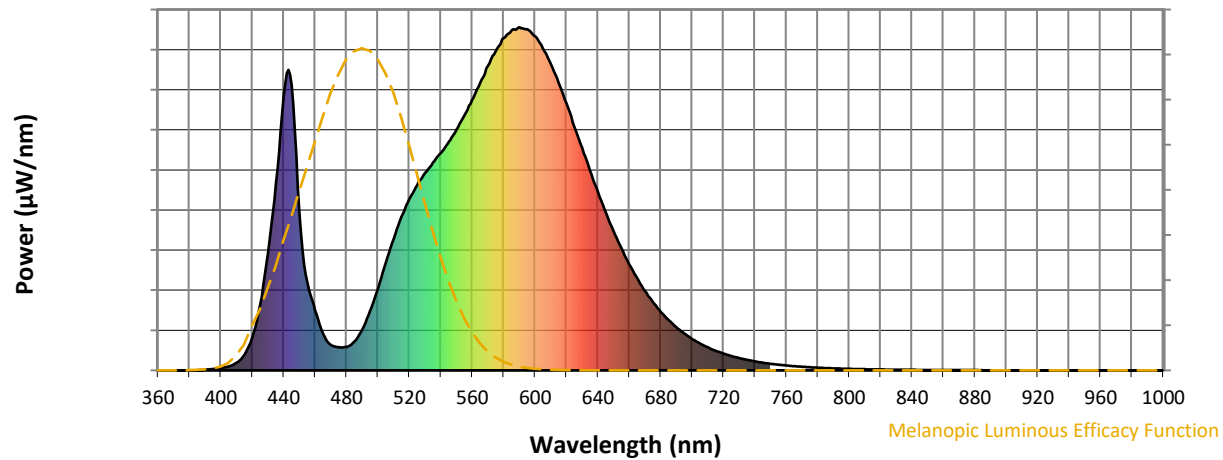


Scotopic Lumens: NR

S/P: 1.29

λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)
360	0	NR	490	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

Melanopic Flux vs. Wavelength

Melanopic Lumens: NR
M/P: 2.36

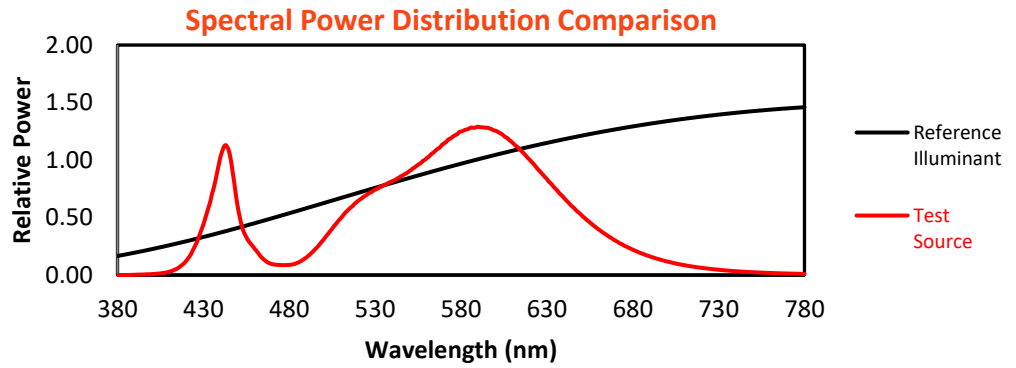
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778	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

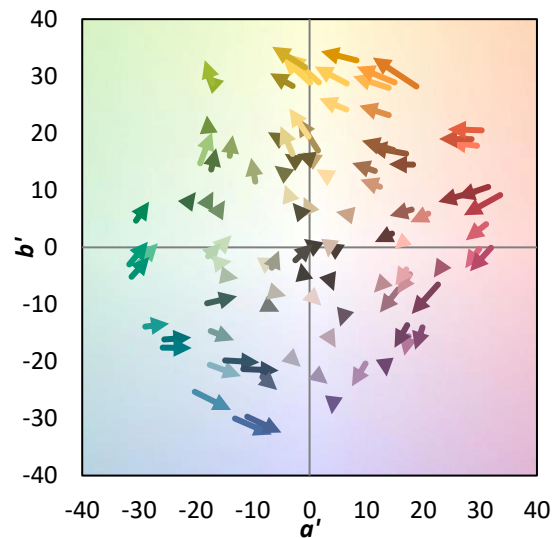
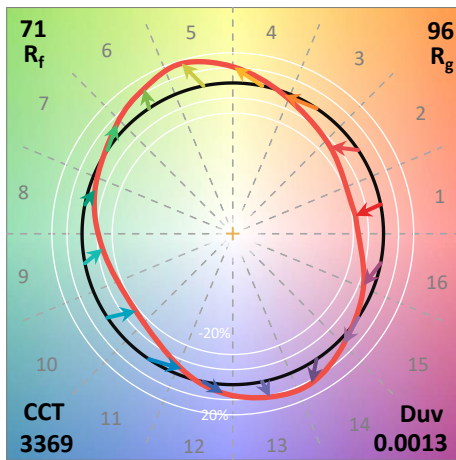
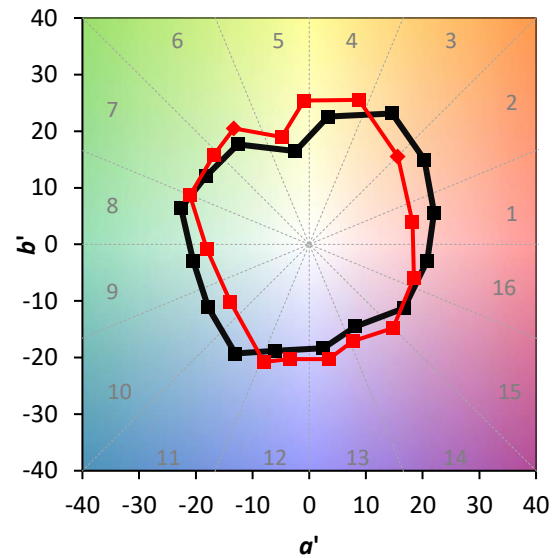
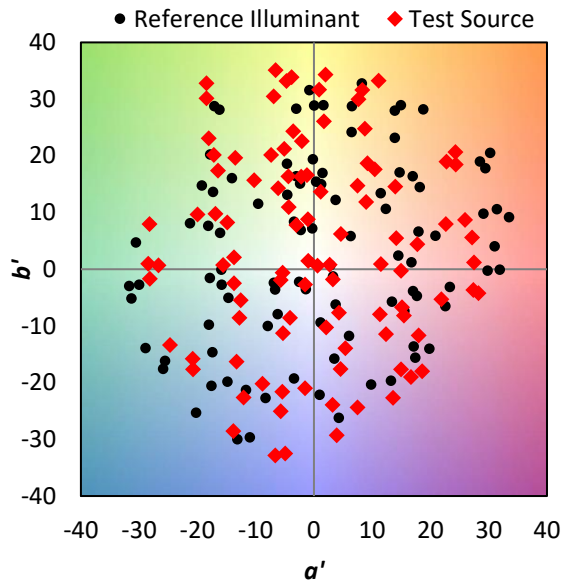
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 $\text{CIE } R_a = 70.1$
 $R_g = -40.2$

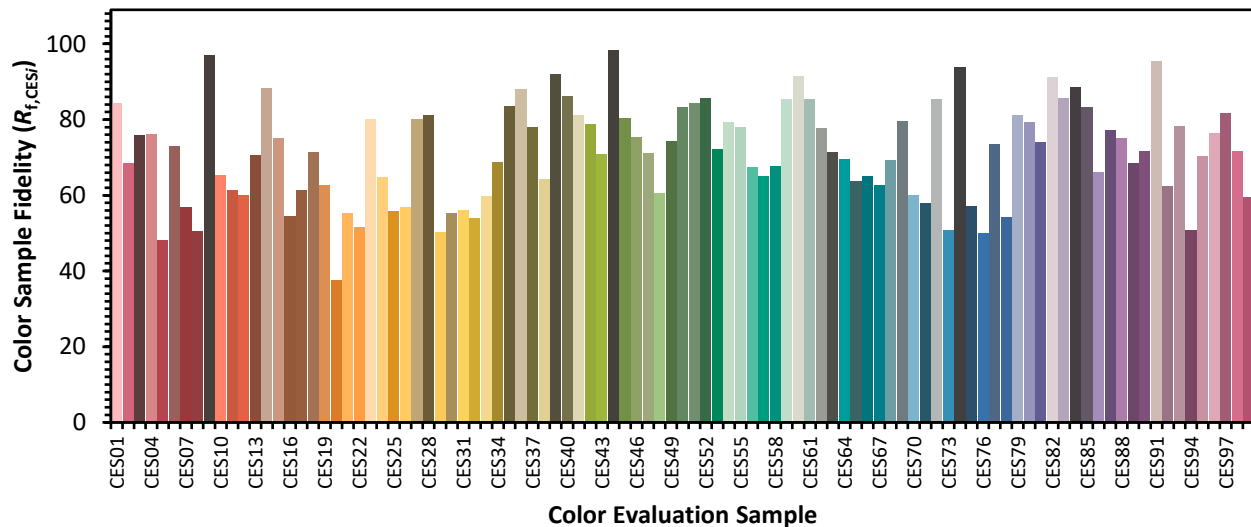


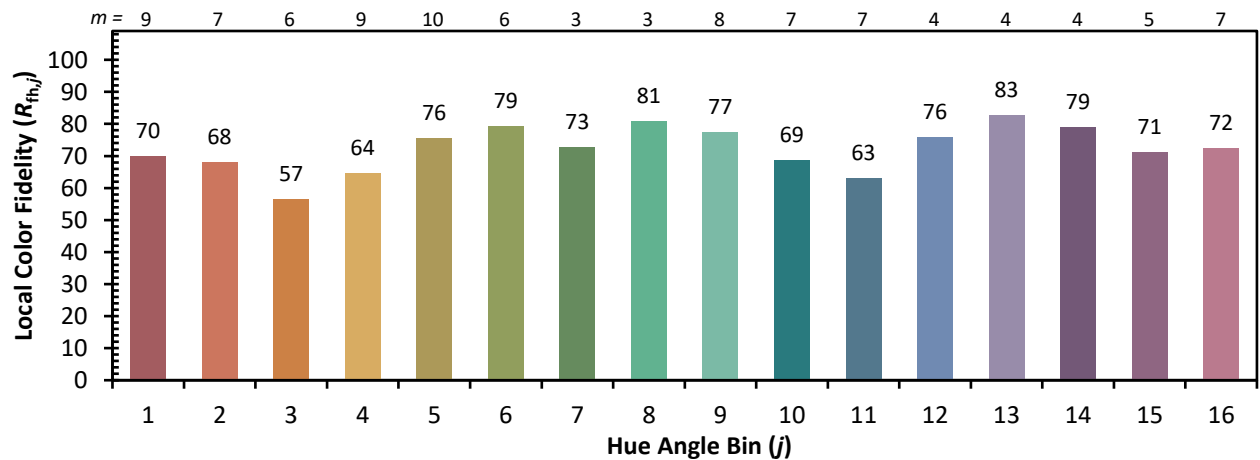
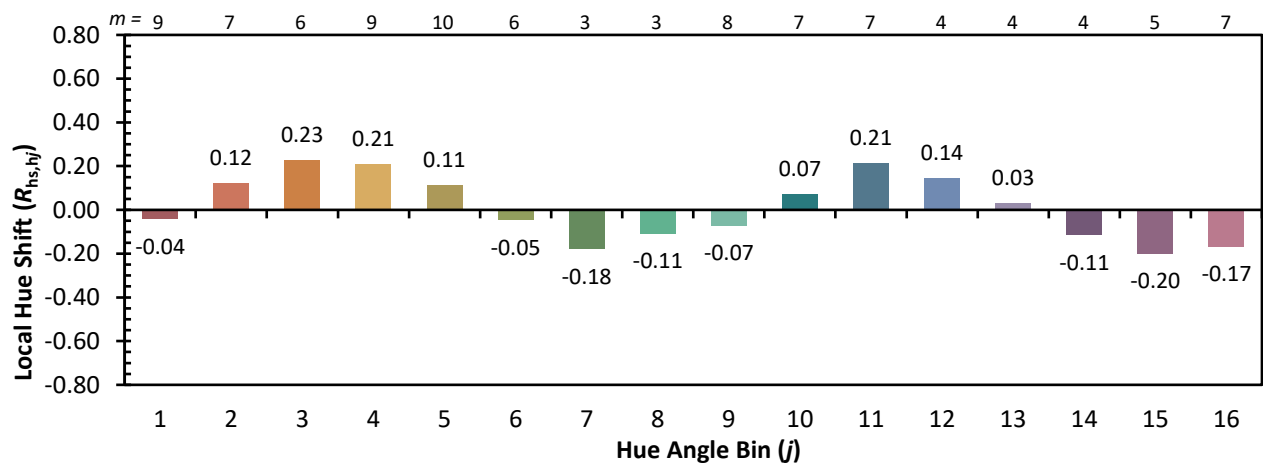
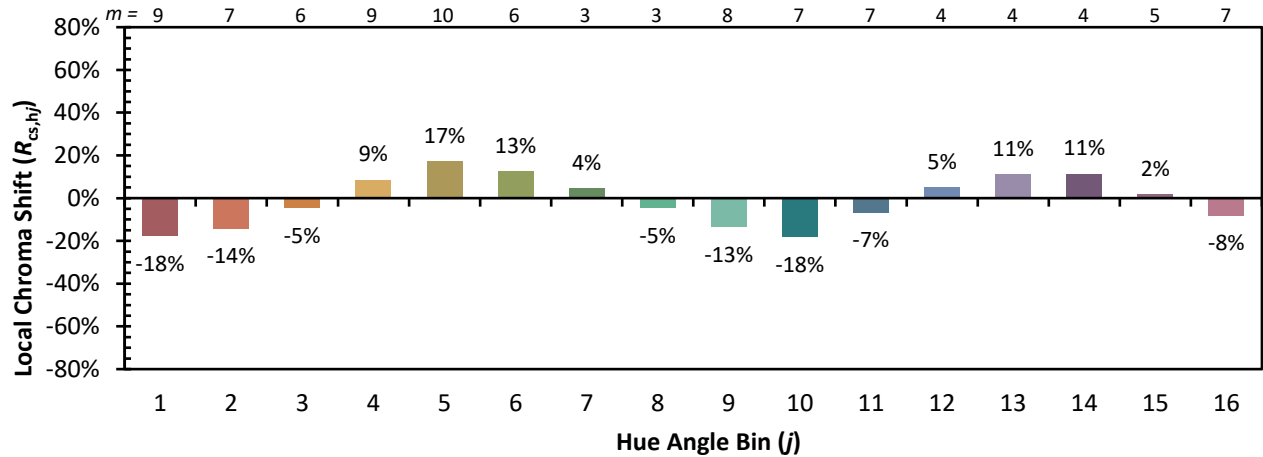
Color Vector Graphics



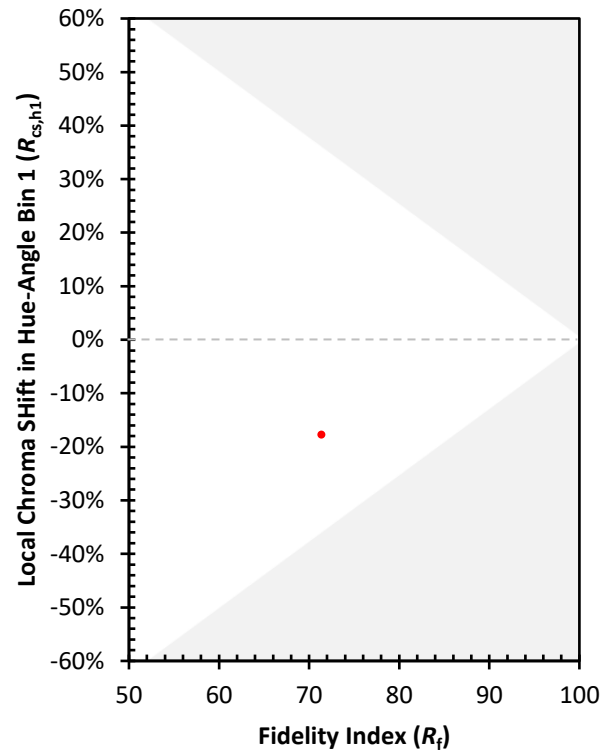
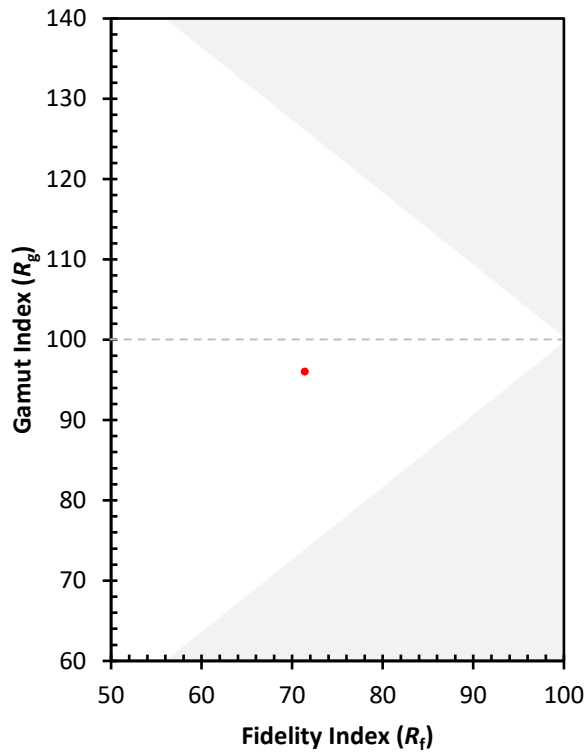
Individual Sample Fidelity Index ($R_{f,i}$)

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)