

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: P1048995

Luminaire Tested: **GALN-SA1C-735-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048995
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-735-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
70CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (14) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5106.5 lumens
Efficiency: N/A
Efficacy: 101.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 50.2
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

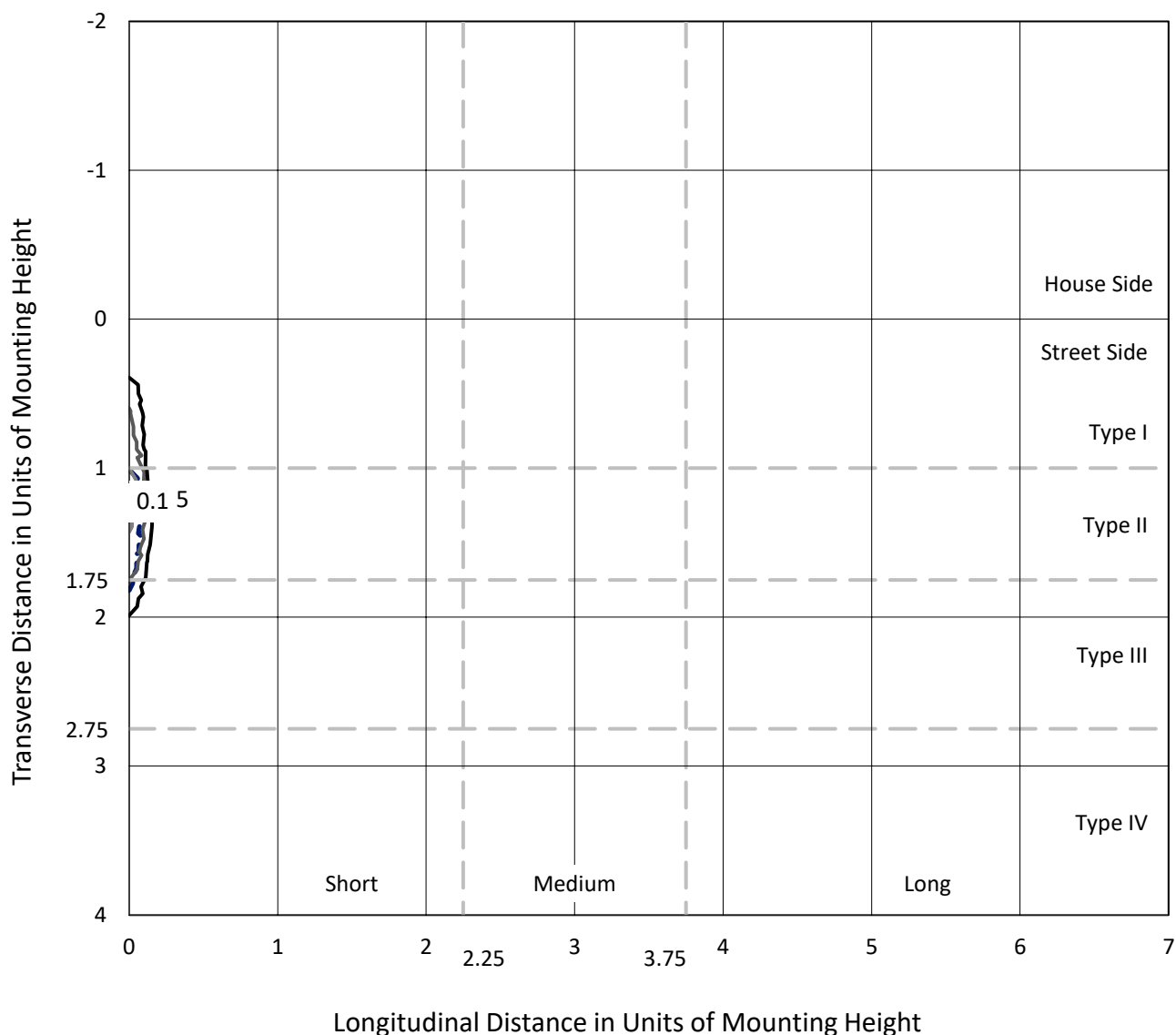
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

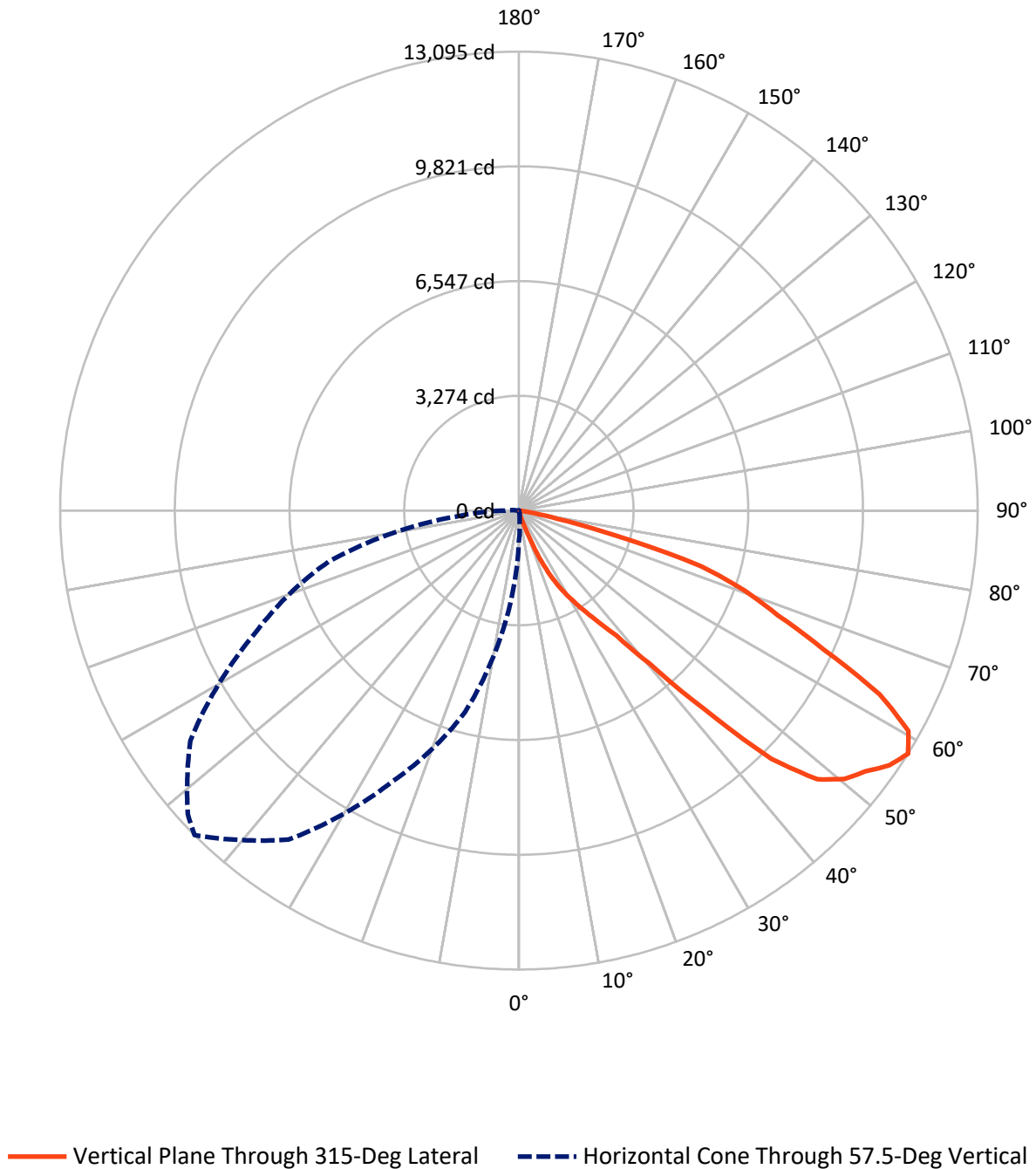


Based on 20 foot mounting height. Maximum calculated value = 0.8 fc

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	25.6	0.0	25.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	5080.9	0.0	5080.9
	% Fixture	99.5	0.0	99.5
Total	Lumens	5106.5	0.0	5106.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.0	0.0
10°-20°	11.2	0.2
20°-30°	121.0	2.4
30°-40°	357.9	7.0
40°-50°	1066.5	20.9
50°-60°	1691.1	33.1
60°-70°	1411.7	27.6
70°-80°	435.3	8.5
80°-90°	9.7	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°	5106.5	100.0
0°-180°	5106.5	100.0



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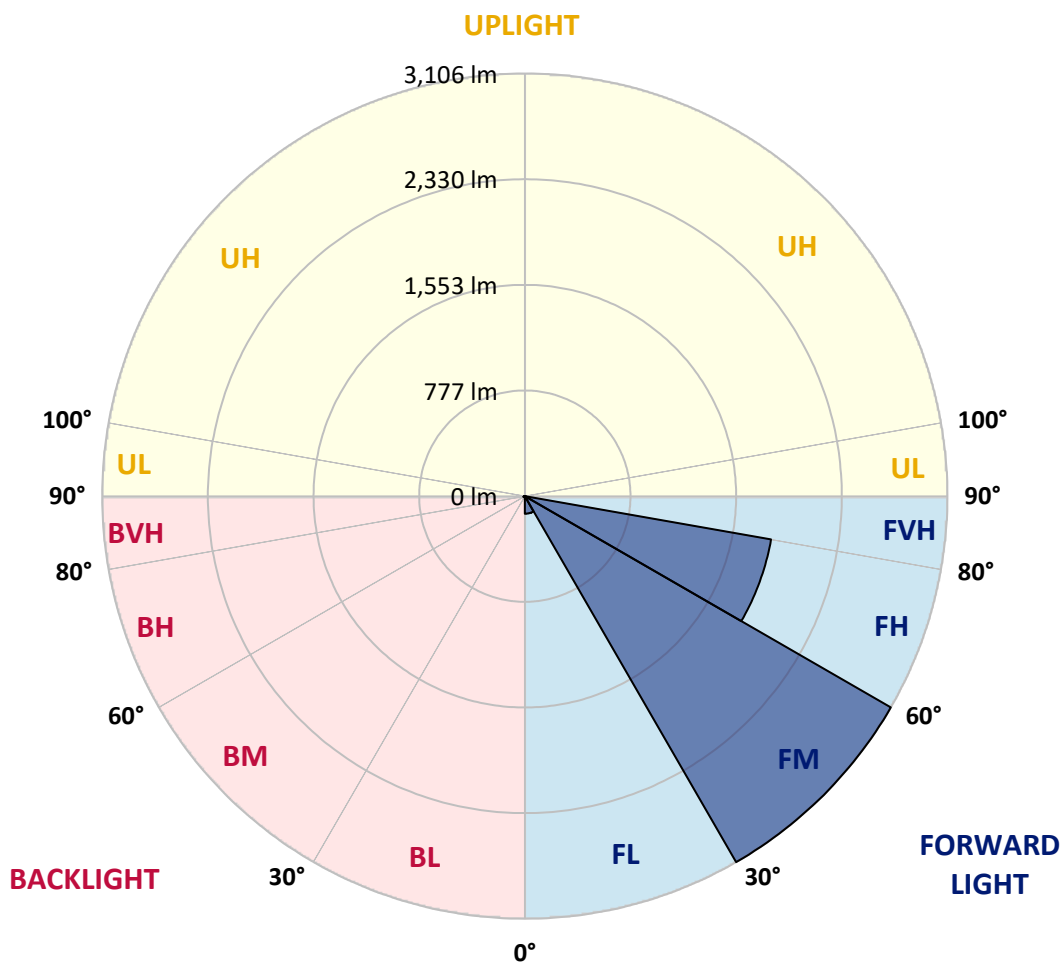
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	129.5	2.5			
FM	(30°-60°)	3106.4	60.8			
FH	(60°-80°)	1837.5	36.0			G2/5000
FVH	(80°-90°)	7.5	0.1			G0/10
BL	(0°-30°)	4.7	0.1	B0/110		
BM	(30°-60°)	9.1	0.2	B0/220		
BH	(60°-80°)	9.5	0.2	B0/110		G0/110
BVH	(80°-90°)	2.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
2.5°	20.5	20.5	20.5	20.5	20.1	20.1	19.7	19.7	19.3	19.3
5°	21.6	21.6	21.2	20.8	20.8	20.5	20.1	19.7	19.7	19.3
7.5°	23.5	23.2	22.8	22.4	21.6	21.2	20.5	20.1	19.7	18.9
10°	25.9	25.1	24.3	23.5	22.8	22.0	21.2	20.8	20.1	19.7
12.5°	28.9	27.8	26.2	25.1	24.3	23.2	22.4	21.6	20.5	19.7
15°	31.6	30.1	28.2	26.6	25.5	23.9	22.8	21.6	20.8	19.7
17.5°	35.5	32.8	29.7	27.8	26.2	24.3	22.4	21.2	20.1	18.5
20°	42.1	36.7	30.9	28.6	26.2	23.9	21.6	20.1	18.9	17.4
22.5°	52.5	43.2	34.0	30.5	27.4	23.9	20.8	19.3	17.8	16.2
25°	72.5	56.0	39.4	34.7	30.1	25.5	20.8	18.9	17.4	15.4
27.5°	96.5	71.8	46.7	40.1	34.0	27.4	20.8	18.5	16.6	14.3
30°	120.8	88.0	54.8	46.3	37.8	29.3	20.8	18.1	15.8	13.1
32.5°	143.9	103.0	61.7	51.7	41.7	31.3	21.2	18.1	15.0	12.0
35°	167.5	115.4	62.9	52.5	42.1	31.3	20.8	17.4	14.3	10.8
37.5°	197.6	129.3	60.6	50.2	40.1	29.7	19.7	16.6	13.5	10.0
40°	243.1	152.4	61.7	50.9	40.1	29.3	18.5	15.4	12.7	9.6
42.5°	327.2	197.2	66.8	54.4	42.1	29.3	17.0	14.3	12.0	9.3
45°	565.7	327.6	89.5	71.0	52.5	34.0	15.4	13.1	11.2	8.9
47.5°	935.8	548.4	160.9	124.3	88.0	51.3	15.0	13.1	11.2	8.9
50°	1194.3	698.5	202.6	155.9	109.2	62.5	15.8	13.5	11.6	9.3
52.5°	1192.4	709.3	225.7	173.3	121.2	68.7	16.6	14.3	12.3	10.0
55°	1060.0	645.2	230.0	176.7	123.9	70.6	17.8	15.4	13.1	10.8
57.5°	886.0	548.0	209.9	162.5	115.4	67.9	20.5	17.8	15.4	12.7
60°	700.8	432.2	163.6	129.3	95.3	61.0	27.0	23.5	20.5	17.0
62.5°	483.9	313.3	142.8	114.6	86.8	58.7	30.9	27.4	24.3	20.8
65°	342.3	235.8	128.9	105.0	81.4	57.5	33.6	29.7	26.2	22.4
67.5°	255.8	187.5	118.9	98.4	78.0	57.5	37.0	32.4	28.2	23.5
70°	196.0	154.0	111.5	94.9	78.7	62.1	45.5	39.0	32.8	26.2
72.5°	159.8	131.6	103.0	91.1	79.1	67.1	55.2	46.7	38.2	29.3
75°	132.4	112.7	93.0	83.0	73.3	63.3	53.3	45.5	38.2	30.5
77.5°	88.0	80.3	72.2	66.4	60.6	54.4	48.6	42.1	35.9	29.3
80°	30.9	29.7	28.6	30.9	33.2	35.5	37.8	33.2	28.9	24.3
82.5°	4.6	4.2	3.9	4.2	4.6	5.0	5.4	5.8	6.2	6.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
0.0	2.5°	18.9	18.9	18.5	18.5	18.5	18.1	18.1	17.8	17.8	17.8
0.0	5°	18.5	18.5	18.1	17.8	17.4	17.4	17.0	16.6	16.6	16.2
0.0	7.5°	18.1	17.8	17.4	17.0	16.6	16.2	15.8	15.4	15.4	15.0
0.0	10°	18.5	17.8	17.4	16.6	16.2	15.8	15.0	14.7	14.3	14.3
0.0	12.5°	17.8	17.4	16.6	15.8	15.4	14.7	14.3	13.5	13.1	13.1
0.0	15°	17.8	17.0	15.8	15.0	14.3	13.9	13.1	12.3	12.0	11.6
0.0	17.5°	16.6	15.8	14.7	13.9	13.1	12.3	11.6	10.8	10.4	10.0
0.0	20°	15.0	14.3	13.1	12.0	11.2	10.4	9.6	8.9	8.5	8.1
0.0	22.5°	13.5	12.7	11.6	10.4	9.6	8.9	7.7	6.9	6.6	5.8
0.0	25°	12.7	11.6	10.4	9.3	8.1	7.3	6.2	5.0	4.2	3.5
0.0	27.5°	10.8	9.6	8.5	7.3	6.2	5.0	3.9	2.7	1.9	1.5
0.0	30°	9.3	8.1	6.9	5.8	4.2	3.1	1.9	0.4	0.4	0.4
0.0	32.5°	7.7	6.6	5.0	3.9	3.1	1.9	1.2	0.0	0.0	0.0
0.0	35°	6.2	5.0	3.5	2.3	1.9	1.2	0.8	0.0	0.0	0.0
0.0	37.5°	5.4	4.2	2.7	1.2	0.8	0.8	0.4	0.0	0.0	0.0
0.0	40°	5.0	3.5	1.9	0.4	0.4	0.4	0.0	0.0	0.0	0.0
0.0	42.5°	5.0	3.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	5.0	3.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	5.0	3.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	5.4	3.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	6.2	4.6	3.1	1.5	1.2	0.8	0.4	0.0	0.0	0.0
0.0	55°	7.7	6.9	5.8	5.0	3.9	2.7	1.2	0.0	0.0	0.0
0.0	57.5°	10.0	10.0	9.6	9.3	6.9	4.6	2.3	0.0	0.0	0.0
0.0	60°	13.5	13.5	13.5	13.5	10.0	6.9	3.5	0.0	0.0	0.0
0.0	62.5°	16.6	15.8	14.7	13.9	10.4	6.9	3.5	0.0	0.0	0.0
0.0	65°	16.6	15.0	13.1	11.2	8.5	5.8	2.7	0.0	0.0	0.0
0.0	67.5°	15.4	12.3	8.9	5.8	4.2	3.1	1.5	0.0	0.0	0.0
	70°	15.4	10.8	6.2	1.5	1.2	0.8	0.4	0.0	0.0	0.0
	72.5°	15.4	10.4	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	17.0	11.6	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	17.0	11.6	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	15.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	5.0	3.5	1.5	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°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
0.0	2.5°	17.4	17.4	17.4	17.0	17.0	17.0	17.0	16.6	16.6	16.6
0.0	5°	15.8	15.8	15.4	15.4	15.0	15.0	14.7	14.7	14.3	14.3
0.0	7.5°	14.7	14.3	14.3	13.9	13.5	13.5	13.1	13.1	12.7	12.3
0.0	10°	13.5	13.1	13.1	12.7	12.3	12.0	12.0	11.6	11.2	10.8
0.0	12.5°	12.3	12.0	11.6	11.2	10.8	10.4	10.4	10.0	9.6	9.3
0.0	15°	10.8	10.4	10.0	9.6	9.3	8.9	8.9	8.5	8.1	7.7
0.0	17.5°	9.3	8.9	8.9	8.5	8.1	7.7	7.3	6.6	6.2	5.8
0.0	20°	6.9	6.6	6.2	5.8	5.4	4.6	4.2	3.5	2.7	2.3
0.0	22.5°	4.6	3.9	3.5	2.7	1.9	1.5	1.2	0.4	0.0	0.0
0.0	25°	1.5	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048995

CATALOG NUMBER: GALN-SA1C-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048995

CATALOG NUMBER: GALN-SA1C-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°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
0.0	2.5°	16.2	16.2	16.2	15.8	15.8	15.8	15.8	15.8	15.8	15.8
0.0	5°	13.9	13.9	13.9	13.5	13.5	13.1	13.1	13.1	12.7	12.7
0.0	7.5°	12.0	11.6	11.6	11.2	11.2	10.8	10.8	10.8	10.4	10.4
0.0	10°	10.0	9.6	9.6	9.3	9.3	8.9	8.9	8.5	8.5	8.1
0.0	12.5°	8.9	8.5	8.1	7.7	7.7	7.3	6.9	6.9	6.6	6.2
0.0	15°	6.9	6.6	6.2	5.8	5.4	5.0	4.6	4.6	4.2	3.9
0.0	17.5°	4.6	3.9	3.5	3.1	3.1	2.7	2.3	1.9	1.5	1.2
0.0	20°	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1048995

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CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
0.0	2.5°	15.8	15.4	15.4	15.4	15.8	15.8	15.8	15.8	15.8	15.8
0.0	5°	12.7	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
0.0	7.5°	10.4	10.0	10.0	10.0	10.0	9.6	9.6	9.6	9.6	9.6
0.0	10°	8.1	7.7	7.7	7.7	7.7	7.3	7.3	7.3	7.3	7.3
0.0	12.5°	5.8	5.8	5.4	5.4	5.4	5.0	5.0	5.0	5.0	4.6
0.0	15°	3.5	3.1	2.7	2.7	2.7	2.3	2.3	2.3	2.3	1.9
0.0	17.5°	0.8	0.8	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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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°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
0.0	2.5°	16.2	16.2	16.6	16.6	17.0	17.8	18.1	18.5	19.3	20.1
0.0	5°	12.7	13.1	13.1	13.5	13.9	14.3	14.7	15.0	15.8	16.6
0.0	7.5°	10.0	10.0	10.4	10.4	10.8	11.6	12.0	12.3	13.1	14.3
0.0	10°	7.7	7.7	8.1	8.1	8.5	9.3	9.6	10.0	10.8	12.0
0.0	12.5°	5.0	5.4	5.4	5.8	6.2	6.9	7.3	7.7	8.5	9.3
0.0	15°	2.3	2.7	2.7	3.1	3.5	4.2	4.6	5.0	5.8	6.9
0.0	17.5°	0.4	0.4	0.8	0.8	1.2	1.5	1.9	2.3	3.5	4.2
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.5
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
0.0	2.5°	21.2	22.0	22.8	23.5	24.3	25.1	25.5	26.2	26.6	27.0
0.0	5°	18.1	18.9	20.1	20.8	21.6	22.4	23.2	23.5	23.9	24.3
0.0	7.5°	15.8	16.6	17.8	18.5	19.3	20.1	20.8	21.6	22.0	22.4
0.0	10°	13.5	14.7	15.4	16.6	17.4	18.1	18.9	19.7	20.5	20.8
0.0	12.5°	10.8	12.0	13.1	13.9	15.0	16.2	17.0	17.8	18.5	19.3
0.0	15°	8.5	9.6	10.8	11.6	12.7	13.9	15.0	15.8	16.6	17.4
0.0	17.5°	6.2	7.3	8.5	9.3	10.4	11.6	12.3	13.5	14.3	15.0
0.0	20°	3.1	4.2	5.4	6.6	7.7	8.9	9.6	10.8	11.6	12.3
0.0	22.5°	0.4	1.5	2.7	3.5	4.6	5.8	6.6	7.7	8.5	9.3
0.0	25°	0.0	0.4	1.2	1.5	1.9	2.7	3.5	4.2	5.0	5.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.5	2.3	3.1
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.8
	85°	0.0	0.0	0.0	0.0	0.0	0.8	1.2	1.9	2.3	2.7
	87.5°	0.0	0.4	0.8	1.2	1.5	2.3	3.1	3.9	4.2	4.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048995

CATALOG NUMBER: GALN-SA1C-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048995

CATALOG NUMBER: GALN-SA1C-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°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
0.0	2.5°	27.4	27.4	27.4	27.4	27.0	27.0	27.0	26.6	26.6	26.2
0.0	5°	25.1	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.1	25.1
0.0	7.5°	23.2	23.5	23.9	23.9	24.3	24.3	24.3	23.9	23.9	23.5
0.0	10°	22.0	22.4	22.4	22.8	22.8	22.8	22.8	22.8	22.8	22.8
0.0	12.5°	20.5	20.8	21.2	21.2	21.6	21.6	21.6	21.6	21.2	21.2
0.0	15°	18.5	19.3	19.7	20.1	20.1	20.5	20.5	20.5	20.5	20.5
0.0	17.5°	17.0	17.8	18.1	18.5	18.5	18.9	18.9	19.3	19.3	19.3
0.0	20°	13.9	14.7	15.0	15.8	16.2	16.6	17.0	17.4	17.4	17.8
0.0	22.5°	10.8	11.6	12.0	12.7	13.1	13.5	13.9	14.3	14.7	15.0
0.0	25°	7.7	8.5	8.9	9.6	10.0	10.4	10.8	11.2	11.2	11.6
0.0	27.5°	4.2	5.0	5.8	6.2	6.9	7.3	7.7	8.1	8.5	8.9
0.0	30°	1.9	2.3	2.7	3.5	3.9	4.2	4.6	5.4	5.8	6.2
0.0	32.5°	0.0	0.0	0.4	1.2	1.5	1.9	2.3	2.7	2.7	3.1
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.2	1.5
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°	0.8	0.8	0.8	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	82.5°	1.9	2.3	2.7	2.7	3.1	3.1	3.1	3.1	2.7	2.7
	85°	3.9	4.2	4.6	4.6	5.0	5.0	5.0	5.0	5.0	5.0
	87.5°	5.4	5.8	6.2	6.2	6.6	6.6	6.6	6.6	6.6	6.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048995

CATALOG NUMBER: GALN-SA1C-735-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
22.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.2											
2.7											
5.0											
6.6											
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REPORT NUMBER: P1048995

CATALOG NUMBER: GALN-SA1C-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°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
0.0	2.5°	25.9	25.9	25.5	25.5	25.5	25.5	25.5	25.9	26.2	26.2
0.0	5°	24.7	24.7	24.3	24.3	24.3	24.7	24.7	25.1	25.5	25.9
0.0	7.5°	23.5	23.2	23.2	23.5	23.5	23.9	23.9	24.3	24.7	25.1
0.0	10°	22.8	22.4	22.4	22.4	22.8	22.8	23.2	23.5	23.9	24.3
0.0	12.5°	21.2	21.2	21.2	21.2	21.6	21.6	22.0	22.4	23.2	23.5
0.0	15°	20.5	20.1	20.1	20.1	20.1	20.5	20.5	21.2	22.0	22.4
0.0	17.5°	18.9	18.9	18.5	18.5	18.9	18.9	19.3	20.1	20.8	21.2
0.0	20°	17.4	17.0	16.6	16.6	17.0	17.0	17.4	18.1	18.9	19.3
0.0	22.5°	15.0	14.7	14.7	14.7	14.7	15.0	15.0	15.8	17.0	17.8
0.0	25°	12.0	12.3	12.3	12.7	12.7	13.1	13.5	14.3	15.4	16.2
0.0	27.5°	9.3	9.6	9.6	10.4	10.8	11.2	11.6	12.7	13.9	14.7
0.0	30°	6.9	7.3	7.7	8.1	8.9	9.6	10.4	11.6	12.7	13.5
0.0	32.5°	4.2	5.0	5.4	6.2	6.9	7.7	8.5	9.6	11.2	12.3
0.0	35°	3.1	3.5	4.2	4.6	5.4	6.2	6.9	8.5	9.6	11.2
0.0	37.5°	1.5	2.3	3.1	3.9	4.6	5.4	6.2	7.7	9.3	10.4
0.0	40°	1.2	1.9	2.3	3.1	4.2	5.0	5.8	7.3	8.9	10.4
0.0	42.5°	0.8	1.2	1.5	2.7	3.5	4.6	5.8	7.3	8.9	10.4
0.0	45°	0.8	0.8	1.2	2.3	3.5	5.0	6.2	7.7	8.9	10.4
0.0	47.5°	0.8	1.2	1.5	3.1	3.9	5.0	6.2	7.3	8.9	10.0
0.0	50°	1.2	1.5	1.9	3.5	4.2	5.4	6.2	7.7	8.9	10.4
0.0	52.5°	0.8	1.2	1.5	3.1	4.2	5.8	6.9	8.5	10.0	11.2
0.0	55°	0.4	0.4	0.4	2.3	4.6	6.6	8.9	10.0	11.6	12.7
0.0	57.5°	0.0	0.0	0.0	1.5	4.6	7.3	10.0	11.6	13.1	14.3
0.0	60°	0.0	0.0	0.0	1.5	4.6	7.3	10.0	12.0	13.9	15.8
0.0	62.5°	0.0	0.0	0.0	1.5	3.9	6.2	8.5	11.6	15.0	18.1
0.0	65°	0.0	0.0	0.0	1.2	3.1	5.0	6.9	11.6	16.2	20.5
0.0	67.5°	0.0	0.0	0.0	1.2	3.1	4.6	6.6	11.6	16.2	21.2
	70°	0.0	0.0	0.0	1.2	3.1	5.0	6.9	11.6	16.2	20.8
	72.5°	0.0	0.0	0.0	1.2	3.5	5.4	7.7	11.6	15.4	19.3
	75°	0.0	0.0	0.0	1.5	3.5	5.8	8.1	11.6	15.0	18.1
	77.5°	0.0	0.0	0.0	1.2	3.5	5.4	7.7	11.2	14.7	17.8
	80°	1.2	0.8	0.8	1.9	3.5	5.0	6.6	10.0	13.9	17.4
	82.5°	2.3	2.3	1.9	2.7	3.5	4.6	5.8	8.9	12.3	15.4
	85°	4.6	4.6	4.2	4.6	4.6	5.0	5.4	6.9	8.5	10.0
	87.5°	6.2	6.2	5.8	5.8	5.8	5.4	5.4	5.4	5.4	5.0
	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: P1048995

CATALOG NUMBER: GALN-SA1C-735-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
22.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5											
23.2											
21.6											
21.2											
20.8											
18.5											
11.6											
5.0											
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REPORT NUMBER: P1048995

CATALOG NUMBER: GALN-SA1C-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°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
0.0	2.5°	27.0	27.4	27.4	27.8	28.2	28.6	28.6	28.9	28.9	28.9
0.0	5°	26.6	27.4	27.8	28.2	28.6	28.9	29.3	29.7	30.1	30.1
0.0	7.5°	26.2	26.6	27.4	27.8	28.6	28.9	29.7	30.1	30.5	30.9
0.0	10°	25.5	26.2	27.0	27.8	28.6	29.3	30.1	30.9	31.6	32.0
0.0	12.5°	24.7	25.9	26.6	27.4	28.6	29.7	30.5	31.6	32.4	33.2
0.0	15°	24.3	25.1	26.2	27.0	28.6	30.1	31.3	32.8	34.3	35.5
0.0	17.5°	23.2	24.7	25.9	27.0	28.6	30.5	32.0	33.6	35.9	38.2
0.0	20°	21.6	22.8	24.3	25.5	27.8	29.7	32.0	34.0	37.4	40.9
0.0	22.5°	20.1	21.6	22.8	24.3	27.0	29.3	32.0	34.3	40.1	45.5
0.0	25°	18.5	20.5	22.0	23.5	26.6	29.7	32.8	35.9	45.5	55.2
0.0	27.5°	17.8	19.3	21.2	22.8	26.6	30.9	34.7	38.6	54.0	69.1
0.0	30°	16.6	18.5	20.1	22.0	27.0	32.0	37.0	42.1	65.6	89.1
0.0	32.5°	15.4	17.4	19.3	21.2	27.8	34.3	40.5	47.1	78.0	108.4
0.0	35°	14.3	16.6	18.5	20.5	28.9	37.8	46.3	54.8	89.1	123.1
0.0	37.5°	13.9	16.2	18.1	20.1	29.3	38.2	47.5	56.3	90.3	124.3
0.0	40°	14.3	16.2	18.5	20.5	28.2	35.9	43.2	50.9	86.4	121.6
0.0	42.5°	14.3	16.6	18.9	21.2	27.4	33.6	39.7	45.9	85.3	124.6
0.0	45°	13.9	16.2	18.5	20.8	26.6	32.0	37.8	43.2	92.2	140.9
0.0	47.5°	13.5	15.8	18.1	20.5	26.2	32.0	37.8	43.6	119.2	194.5
0.0	50°	13.5	15.8	17.8	19.7	26.6	34.0	40.9	47.9	173.7	299.1
0.0	52.5°	14.3	16.2	17.8	19.3	27.4	35.9	44.0	52.1	220.7	389.0
0.0	55°	15.4	16.6	18.1	19.3	29.3	39.0	49.0	58.7	235.0	411.4
0.0	57.5°	17.0	18.1	19.3	20.5	32.8	45.1	57.1	69.5	236.2	402.5
0.0	60°	18.9	20.5	21.6	22.8	35.9	49.4	62.5	75.6	213.8	351.5
0.0	62.5°	23.2	25.1	26.6	28.6	41.3	53.6	66.4	78.7	177.5	276.3
0.0	65°	26.6	28.2	29.7	31.3	43.6	56.3	68.7	81.0	150.5	220.0
0.0	67.5°	27.4	28.9	30.1	31.6	44.4	57.1	69.5	82.2	128.9	175.2
	70°	27.8	29.7	32.0	34.0	47.1	60.2	72.9	86.1	114.2	142.4
	72.5°	26.6	30.5	34.0	37.4	49.8	61.7	74.1	86.1	106.1	126.2
	75°	26.6	32.0	37.0	42.1	51.3	60.2	69.5	78.3	93.8	109.2
	77.5°	28.2	35.1	42.1	49.0	54.4	59.4	64.8	69.8	79.9	89.9
	80°	28.2	35.5	42.4	49.8	52.1	54.8	57.1	59.4	60.6	61.7
	82.5°	24.3	30.1	35.9	41.7	39.0	36.3	33.6	30.9	28.9	26.6
	85°	12.3	13.5	14.3	15.0	13.9	12.7	11.6	10.4	9.6	8.5
	87.5°	5.0	5.0	4.6	4.6	4.6	4.6	4.2	4.2	4.2	4.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048995

CATALOG NUMBER: GALN-SA1C-735-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
22.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
219.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
239.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
258.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
297.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
374.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
571.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
874.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1101.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1126.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1016.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
869.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
679.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
378.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
268.2											
199.5											
145.1											
109.2											
61.4											
27.8											
8.1											
3.9											
0.0											
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REPORT NUMBER: P1048995

CATALOG NUMBER: GALN-SA1C-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°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
0.0	2.5°	28.9	28.6	28.6	28.2	27.8	27.4	27.0	26.6	26.2	25.9
0.0	5°	30.1	30.1	30.1	29.7	29.7	29.3	29.3	28.9	28.6	28.2
0.0	7.5°	31.3	31.6	31.6	32.0	32.0	32.0	32.0	31.6	31.6	31.6
0.0	10°	33.2	33.6	34.0	34.3	34.7	35.1	35.1	35.5	35.5	35.5
0.0	12.5°	35.5	36.7	37.4	38.6	39.4	40.5	41.3	42.4	43.2	44.0
0.0	15°	39.0	40.9	43.2	45.1	47.1	49.8	52.9	55.6	58.3	62.5
0.0	17.5°	44.0	50.2	56.3	62.1	68.3	81.8	95.3	108.4	121.9	141.6
0.0	20°	53.6	72.2	90.3	108.8	127.0	174.4	221.5	269.0	316.0	366.6
0.0	22.5°	75.2	120.8	166.3	211.9	257.4	356.6	455.4	554.5	653.3	769.5
0.0	25°	109.2	192.9	276.7	360.0	443.8	598.9	754.4	909.5	1064.7	1215.6
0.0	27.5°	159.0	287.1	415.2	543.0	671.1	881.4	1092.1	1302.4	1512.7	1683.3
0.0	30°	220.3	394.0	567.6	741.3	915.0	1154.2	1393.5	1632.3	1871.6	2058.0
0.0	32.5°	278.2	490.9	703.5	915.7	1128.4	1400.8	1673.6	1946.1	2218.5	2422.2
0.0	35°	316.0	573.1	830.4	1087.4	1344.4	1639.3	1934.1	2228.5	2523.4	2756.0
0.0	37.5°	353.9	650.6	947.0	1243.7	1540.1	1863.9	2187.6	2511.4	2835.2	3122.6
0.0	40°	396.3	744.4	1092.1	1440.2	1787.8	2171.4	2554.6	2938.2	3321.4	3727.0
0.0	42.5°	470.0	899.9	1330.2	1760.1	2189.9	2697.4	3204.8	3711.9	4219.4	4798.2
0.0	45°	608.6	1214.4	1820.6	2426.5	3032.3	3704.6	4377.2	5049.4	5721.6	6491.9
0.0	47.5°	947.8	1781.3	2614.4	3448.0	4281.1	5007.0	5732.4	6458.3	7183.8	7950.9
0.0	50°	1450.2	2420.3	3390.5	4360.2	5330.3	5987.1	6643.5	7300.3	7956.7	8686.4
0.0	52.5°	1813.7	2824.3	3835.4	4846.0	5856.7	6449.4	7042.5	7635.3	8228.0	8909.9
0.0	55°	1841.1	2846.0	3851.2	4856.1	5860.9	6456.4	7051.8	7647.2	8242.7	8965.4
0.0	57.5°	1630.0	2626.8	3623.1	4619.9	5616.3	6294.3	6971.9	7649.9	8327.6	9109.0
0.0	60°	1386.5	2383.7	3380.4	4377.6	5374.3	6155.4	6936.8	7717.9	8498.9	9230.9
0.0	62.5°	1081.7	2107.4	3133.4	4159.2	5184.9	5977.9	6770.9	7563.5	8356.5	8905.6
0.0	65°	806.1	1802.1	2798.1	3793.7	4789.7	5424.9	6060.1	6694.9	7330.0	7670.0
0.0	67.5°	582.7	1441.7	2300.3	3159.3	4017.9	4472.5	4927.1	5381.3	5835.9	6095.9
	70°	394.0	989.0	1583.7	2178.7	2773.4	3147.0	3520.9	3894.4	4268.0	4619.1
	72.5°	272.8	607.0	941.6	1275.8	1609.9	1985.8	2361.3	2737.1	3112.6	3484.2
	75°	181.0	333.0	485.5	637.5	789.5	1067.8	1346.4	1624.6	1902.8	2124.3
	77.5°	128.5	174.0	220.0	265.5	311.0	363.1	415.6	467.7	519.8	598.9
	80°	61.0	66.8	72.5	78.0	83.7	102.6	121.6	140.5	159.4	179.4
	82.5°	28.9	31.3	33.6	35.5	37.8	39.7	41.7	43.6	45.5	43.6
	85°	7.7	7.7	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.7
	87.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.1	3.1	2.7
	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: P1048995

CATALOG NUMBER: GALN-SA1C-735-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
22.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
417.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
885.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1366.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1853.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2244.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2626.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2988.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3410.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4132.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5377.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7262.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8718.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9416.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9591.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9688.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9890.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9962.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9455.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8010.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6356.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4969.9											
3855.8											
2345.8											
678.0											
199.5											
41.3											
7.3											
2.7											
0.0											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1048995

CATALOG NUMBER: GALN-SA1C-735-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
0.0	2.5°	25.1	24.7	24.3	23.9	23.5	22.8	22.8	22.4	22.4
0.0	5°	27.4	27.0	26.6	26.2	26.2	25.9	25.5	25.5	25.1
0.0	7.5°	31.3	30.9	30.5	30.1	30.1	29.7	29.7	29.3	29.3
0.0	10°	35.9	35.9	35.9	35.9	35.9	35.5	35.5	35.5	35.1
0.0	12.5°	45.1	45.5	46.3	47.1	48.2	48.2	48.2	47.9	47.9
0.0	15°	71.4	75.6	78.7	81.8	84.5	90.7	89.9	88.8	88.0
0.0	17.5°	180.6	199.9	210.3	220.3	230.8	259.3	254.7	250.1	245.8
0.0	20°	468.1	518.6	552.2	585.8	619.7	673.4	660.3	647.1	634.0
0.0	22.5°	1001.4	1117.5	1168.1	1218.6	1268.8	1333.6	1291.6	1249.5	1207.8
0.0	25°	1516.9	1667.8	1753.1	1838.4	1923.3	1960.3	1905.5	1850.4	1795.6
0.0	27.5°	2024.4	2195.0	2270.2	2345.1	2420.3	2497.9	2430.0	2361.7	2293.7
0.0	30°	2431.1	2617.5	2698.9	2780.0	2861.4	2915.4	2845.2	2774.6	2704.3
0.0	32.5°	2830.1	3033.9	3123.0	3212.2	3300.9	3378.5	3292.1	3205.2	3118.8
0.0	35°	3221.0	3453.7	3576.5	3699.2	3821.9	3894.0	3791.4	3688.4	3585.7
0.0	37.5°	3698.0	3985.5	4122.9	4260.3	4397.6	4529.2	4416.2	4302.7	4189.6
0.0	40°	4538.1	4943.7	5154.4	5365.5	5576.1	5745.9	5603.2	5460.4	5317.6
0.0	42.5°	5955.9	6534.7	6837.6	7140.2	7443.1	7708.2	7558.1	7408.0	7257.9
0.0	45°	8032.4	8802.6	9171.9	9540.8	9910.1	10103.8	9887.7	9671.2	9455.1
0.0	47.5°	9484.9	10252.0	10580.8	10909.6	11238.4	11459.5	11195.1	10930.8	10666.8
0.0	50°	10145.5	10875.2	11205.2	11534.7	11864.7	12040.2	11735.0	11429.4	11124.1
0.0	52.5°	10273.2	10955.1	11348.7	11742.7	12136.3	12370.9	12010.5	11649.7	11289.3
0.0	55°	10411.4	11134.2	11590.7	12047.6	12504.1	12829.0	12421.5	12013.6	11606.1
0.0	57.5°	10671.5	11452.9	11908.3	12363.2	12818.6	13094.5	12685.8	12276.8	11868.1
0.0	60°	10694.6	11426.3	11817.6	12209.3	12600.6	12774.2	12383.3	11992.0	11601.1
0.0	62.5°	10004.3	10553.4	10825.1	11096.7	11368.4	11557.1	11149.2	10740.9	10333.0
0.0	65°	8350.3	8690.3	8906.8	9123.3	9339.8	9564.7	9191.2	8817.6	8444.1
0.0	67.5°	6616.5	6876.6	7161.8	7447.0	7732.1	7972.5	7673.5	7374.0	7075.0
	70°	5321.1	5671.8	5992.5	6313.2	6633.9	6830.7	6530.5	6229.9	5929.6
	72.5°	4227.5	4599.1	4866.9	5134.3	5402.1	5450.3	5229.6	5008.9	4788.5
	75°	2567.0	2788.5	2793.9	2798.9	2804.3	2850.2	2667.3	2484.4	2301.8
	77.5°	757.1	836.2	901.4	966.3	1031.5	1110.2	1043.1	975.5	908.4
	80°	219.2	239.3	256.2	272.8	289.8	279.8	264.0	248.1	232.3
	82.5°	39.4	37.0	36.7	36.3	36.3	34.3	31.3	28.2	25.1
	85°	6.9	6.6	6.2	5.8	5.4	5.0	4.2	3.9	3.1
	87.5°	2.3	1.9	1.5	1.2	1.2	0.4	0.4	0.4	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048995

CATALOG NUMBER: GALN-SA1C-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048995

CATALOG NUMBER: GALN-SA1C-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°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
0.0	0.0	2.5°	22.0	21.6	21.6	21.6	21.6	21.2	21.2	21.2	21.2
0.0	0.0	5°	24.3	24.3	23.9	23.9	23.5	23.5	23.2	23.2	22.8
0.0	0.0	7.5°	28.6	28.2	27.8	27.4	27.0	26.2	25.9	25.5	25.5
0.0	0.0	10°	34.3	33.6	33.2	32.4	32.0	31.3	30.5	29.7	28.9
0.0	0.0	12.5°	45.1	43.6	42.4	40.9	39.4	38.2	36.7	35.5	34.0
0.0	0.0	15°	78.3	74.5	70.2	65.2	59.8	54.8	49.4	46.3	42.8
0.0	0.0	17.5°	200.3	180.2	159.8	143.2	126.6	110.4	93.8	81.8	69.8
0.0	0.0	20°	509.8	454.2	398.6	343.8	288.6	233.9	178.7	150.9	123.1
0.0	0.0	22.5°	959.3	856.3	752.9	652.9	552.6	452.7	352.7	289.8	227.3
0.0	0.0	25°	1480.7	1351.0	1221.4	1057.0	892.2	727.8	563.4	461.1	358.9
0.0	0.0	27.5°	1926.8	1777.4	1628.1	1428.2	1228.3	1028.4	828.5	676.1	524.0
0.0	0.0	30°	2313.0	2152.5	1992.0	1759.3	1526.6	1293.9	1061.2	870.6	679.9
0.0	0.0	32.5°	2648.0	2455.8	2263.6	2023.6	1783.6	1543.6	1303.5	1069.7	835.8
0.0	0.0	35°	3034.3	2810.1	2585.5	2319.2	2052.6	1786.3	1520.0	1256.1	991.7
0.0	0.0	37.5°	3525.1	3250.0	2974.5	2677.7	2381.0	2084.6	1787.8	1486.1	1184.3
0.0	0.0	40°	4464.8	4109.8	3754.7	3377.7	3000.3	2623.3	2246.3	1875.8	1505.4
0.0	0.0	42.5°	6148.4	5668.8	5189.1	4687.4	4185.4	3683.7	3181.7	2659.2	2136.3
0.0	0.0	45°	8048.6	7453.5	6858.1	6295.1	5731.7	5168.6	4605.6	3888.6	3171.7
0.0	0.0	47.5°	9117.1	8474.6	7832.1	7299.2	6766.2	6233.3	5700.4	4927.5	4154.5
0.0	0.0	50°	9510.3	8856.2	8202.1	7711.7	7220.8	6730.4	6239.5	5465.4	4690.9
0.0	0.0	52.5°	9594.1	8926.9	8259.6	7766.1	7272.5	6779.4	6285.8	5516.7	4747.6
0.0	0.0	55°	9766.2	9050.3	8334.1	7771.5	7208.9	6646.2	6083.6	5302.2	4520.7
0.0	0.0	57.5°	9991.1	9257.2	8523.2	7882.2	7241.3	6600.7	5959.7	5105.4	4251.0
0.0	0.0	60°	9932.1	9293.5	8654.4	7967.9	7281.0	6594.5	5907.6	4968.0	4027.9
0.0	0.0	62.5°	8907.2	8398.6	7889.6	7325.0	6760.1	6195.5	5630.9	4663.5	3696.1
0.0	0.0	65°	7327.7	6956.5	6585.3	6131.1	5676.5	5222.3	4768.1	3900.6	3033.5
0.0	0.0	67.5°	5938.9	5520.6	5101.9	4739.9	4377.6	4015.6	3653.2	2970.6	2288.0
		70°	4718.3	4263.3	3808.0	3454.5	3100.6	2747.2	2393.7	1939.9	1486.5
		72.5°	3747.0	3336.8	2926.6	2549.6	2172.2	1795.2	1417.8	1149.6	881.4
		75°	1790.9	1626.9	1462.9	1265.7	1068.5	871.3	674.2	557.2	440.7
		77.5°	663.7	575.4	486.6	406.3	326.1	246.2	165.9	152.0	138.1
		80°	171.7	149.7	127.3	111.5	95.3	79.5	63.7	57.5	51.7
		82.5°	19.7	18.1	17.0	16.2	15.0	14.3	13.1	12.0	10.8
		85°	1.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048995

CATALOG NUMBER: GALN-SA1C-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048995

CATALOG NUMBER: GALN-SA1C-735-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	22.4	22.4
0.0	0.0	2.5°	20.8	20.5
0.0	0.0	5°	22.0	21.6
0.0	0.0	7.5°	24.3	23.5
0.0	0.0	10°	26.6	25.9
0.0	0.0	12.5°	30.1	28.9
0.0	0.0	15°	34.0	31.6
0.0	0.0	17.5°	40.5	35.5
0.0	0.0	20°	54.8	42.1
0.0	0.0	22.5°	77.2	52.5
0.0	0.0	25°	113.5	72.5
0.0	0.0	27.5°	157.8	96.5
0.0	0.0	30°	209.9	120.8
0.0	0.0	32.5°	255.8	143.9
0.0	0.0	35°	315.7	167.5
0.0	0.0	37.5°	389.4	197.6
0.0	0.0	40°	503.6	243.1
0.0	0.0	42.5°	709.3	327.2
0.0	0.0	45°	1151.9	565.7
0.0	0.0	47.5°	1772.4	935.8
0.0	0.0	50°	2168.3	1194.3
0.0	0.0	52.5°	2200.7	1192.4
0.0	0.0	55°	2009.0	1060.0
0.0	0.0	57.5°	1714.1	886.0
0.0	0.0	60°	1424.7	700.8
0.0	0.0	62.5°	1122.6	483.9
0.0	0.0	65°	820.4	342.3
0.0	0.0	67.5°	589.3	255.8
		70°	387.4	196.0
		72.5°	252.4	159.8
		75°	169.8	132.4
		77.5°	99.2	88.0
		80°	35.1	30.9
		82.5°	6.6	4.6
		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: P1048995

CATALOG NUMBER: GALN-SA1C-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

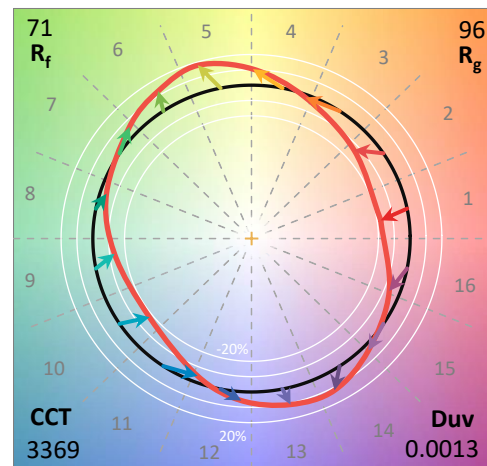
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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

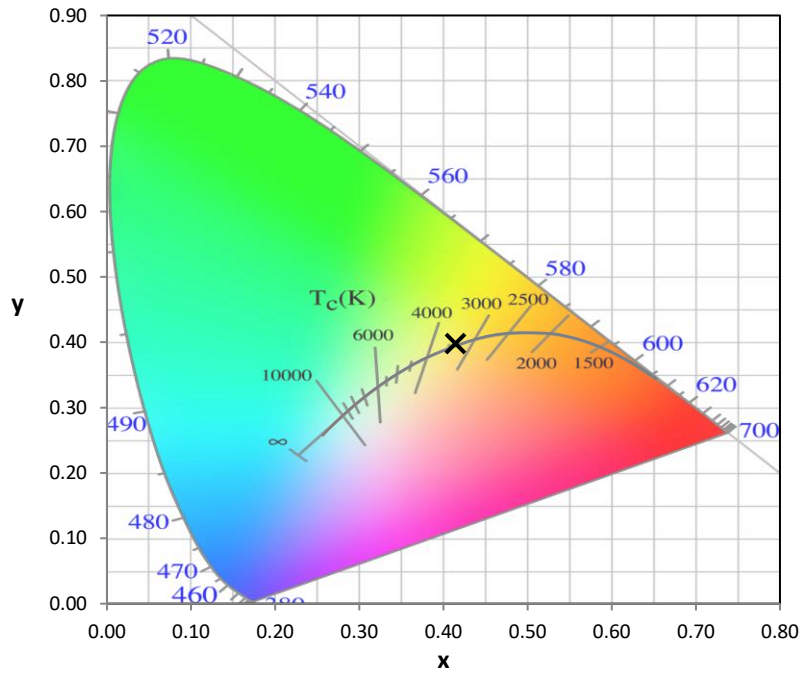
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

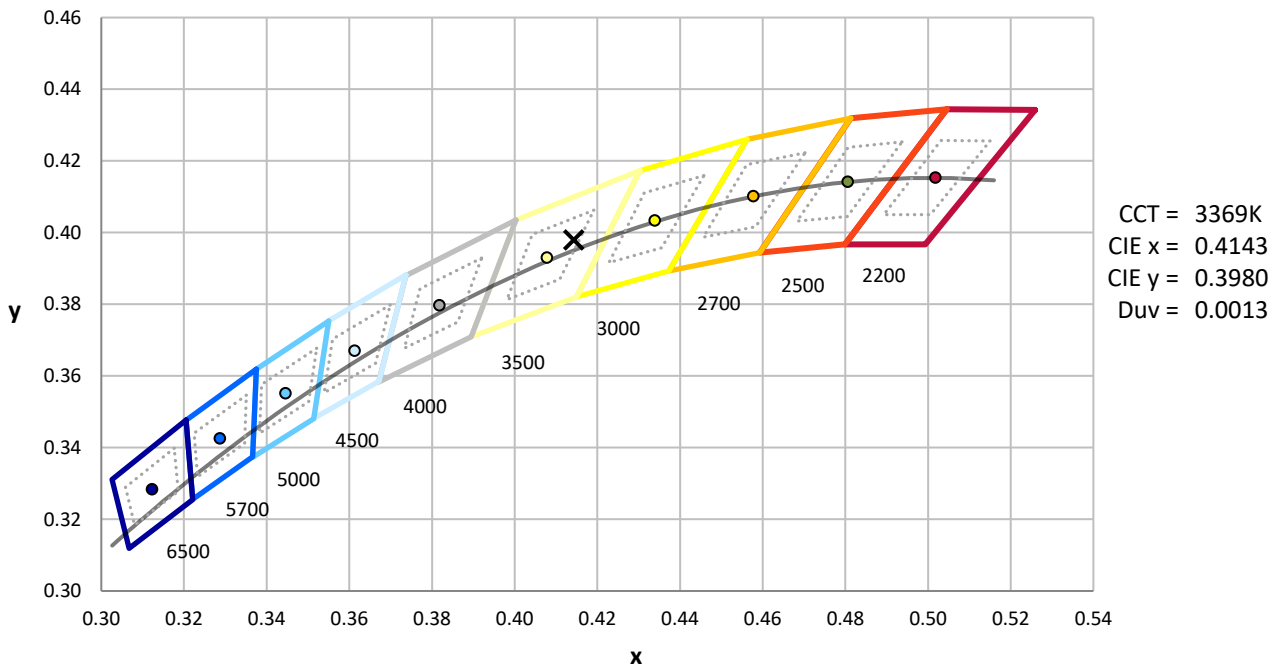
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



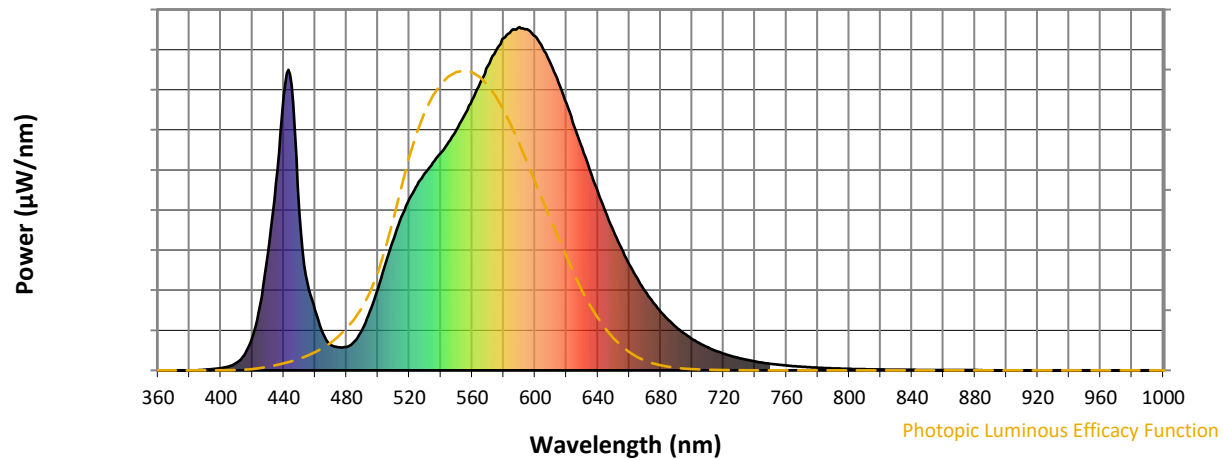
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

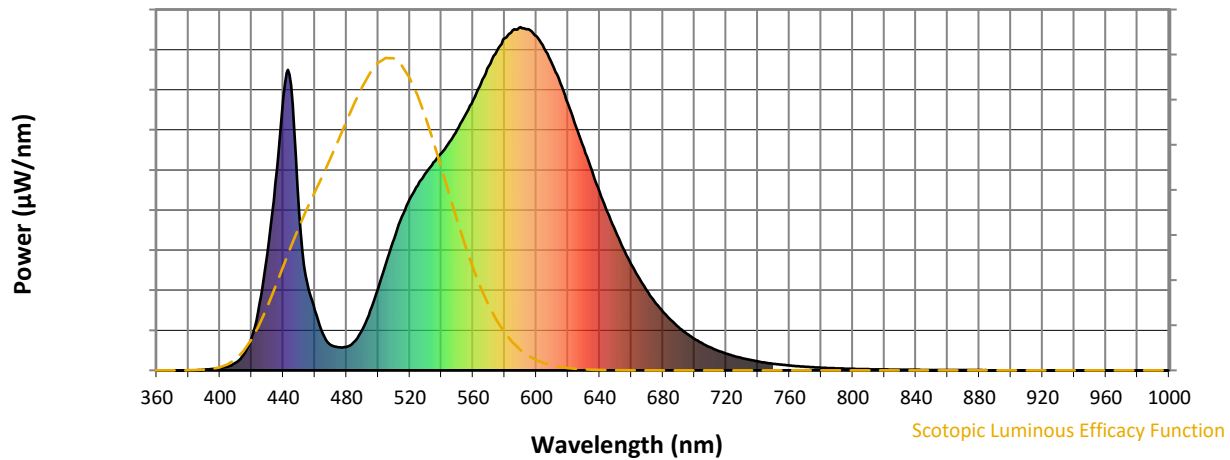


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength



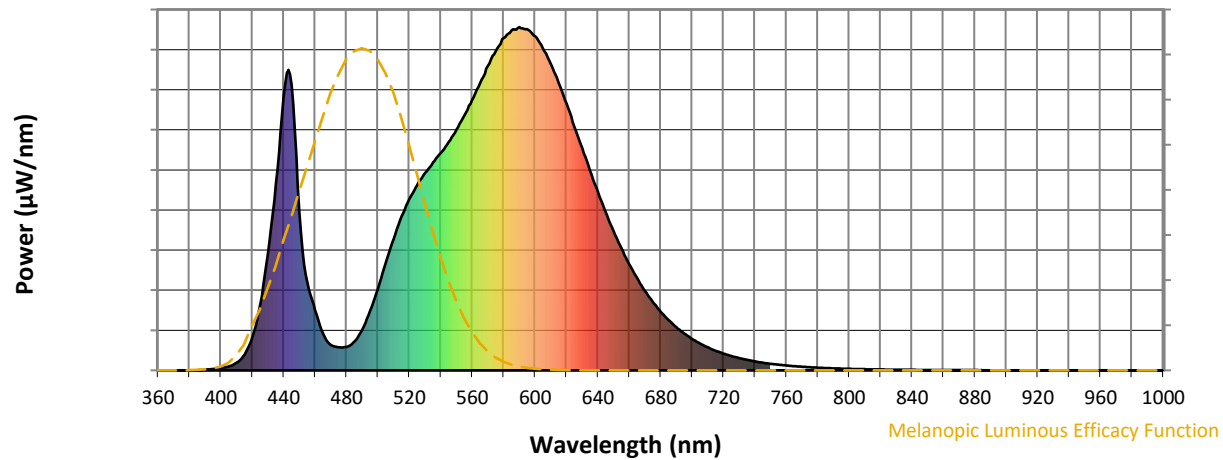
Scotopic Lumens: NR

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

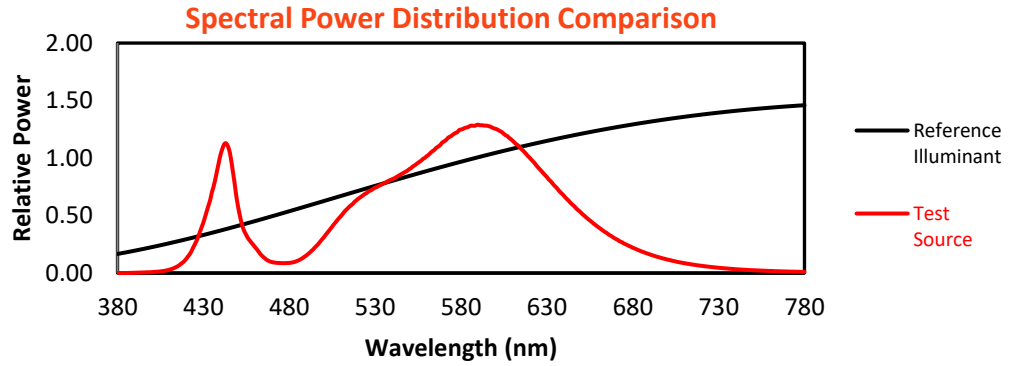
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	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			

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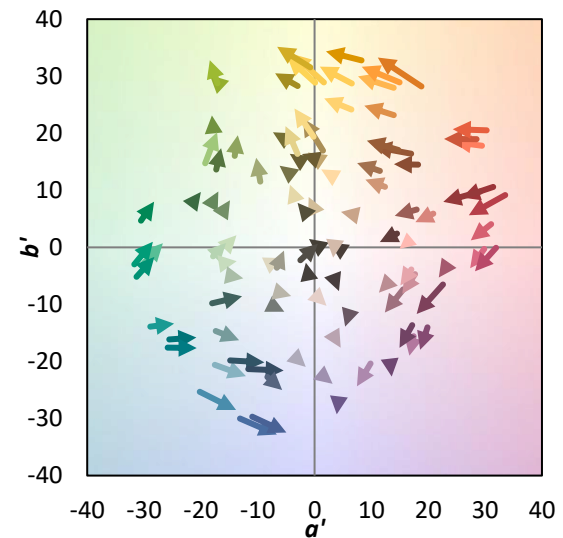
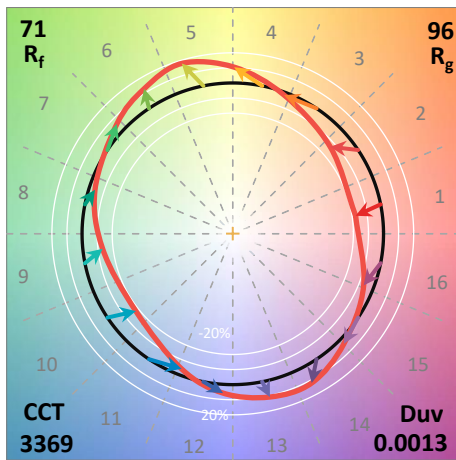
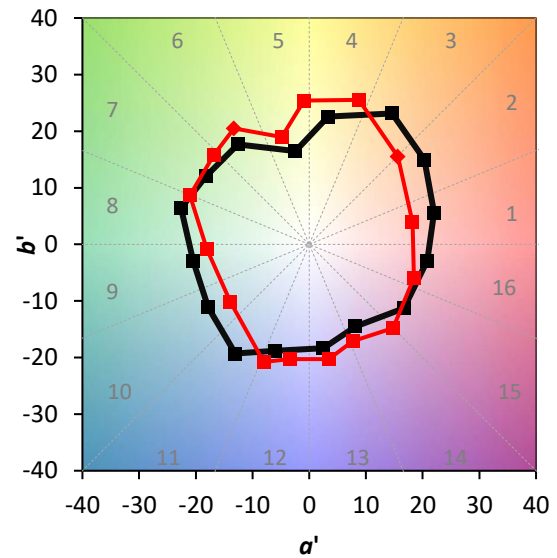
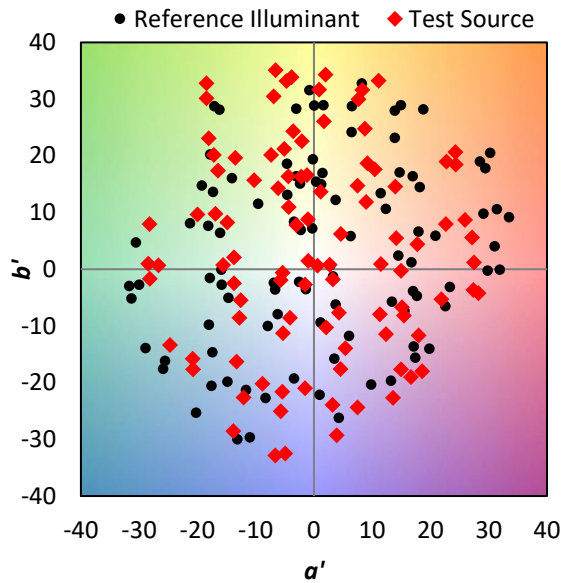
TM-30-18

Summary

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

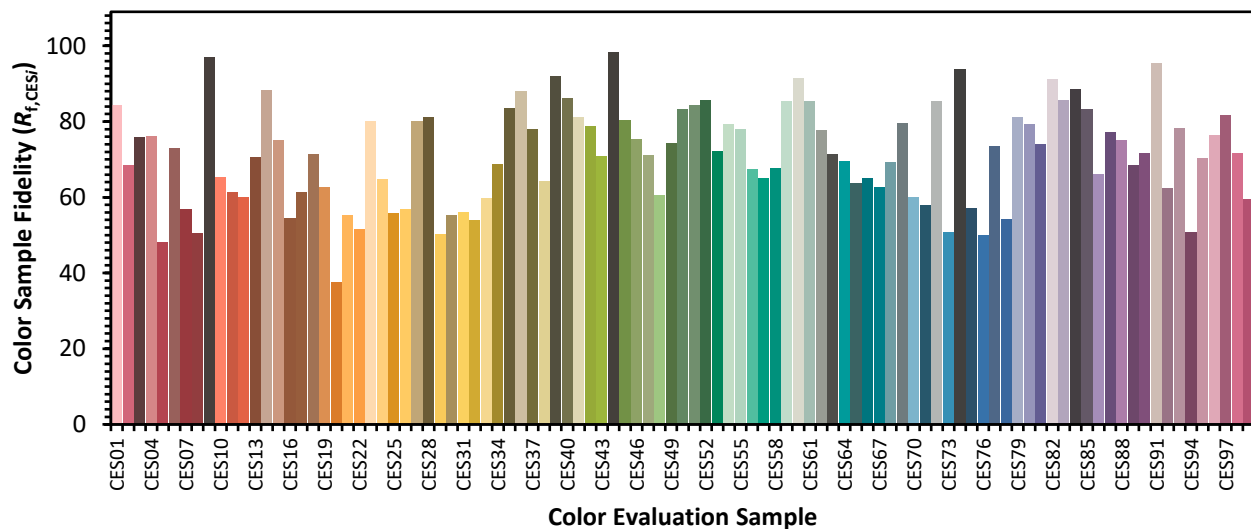


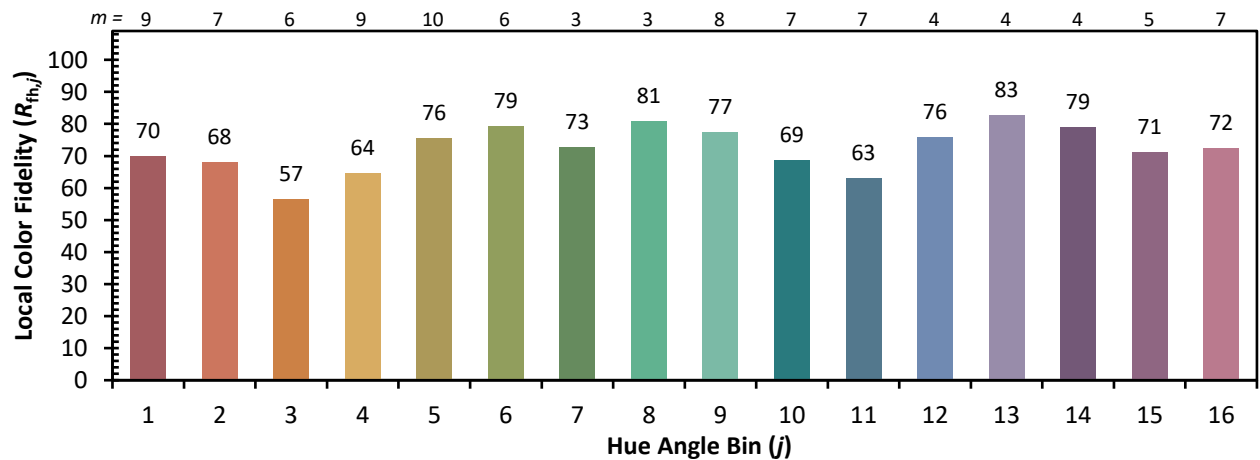
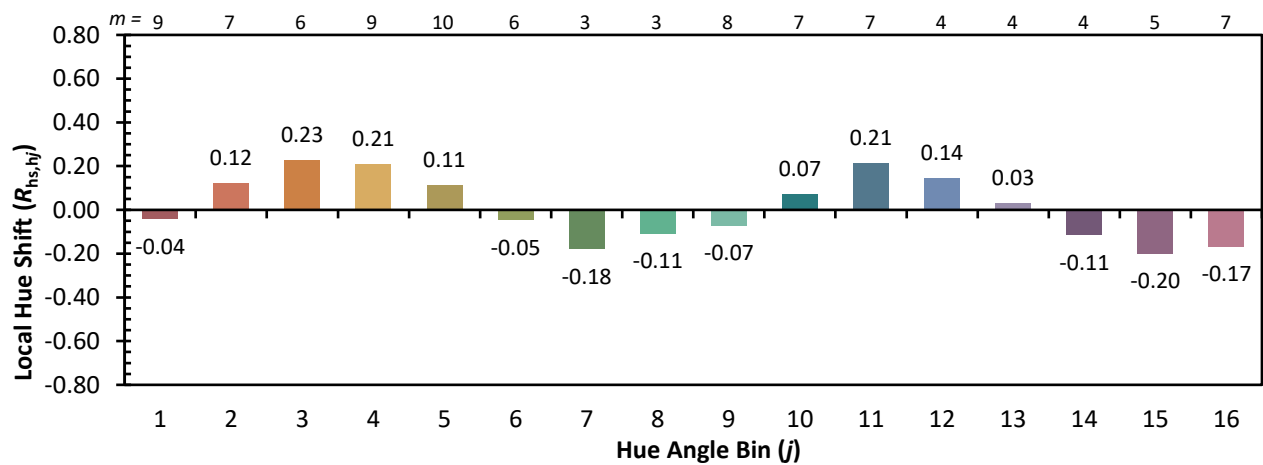
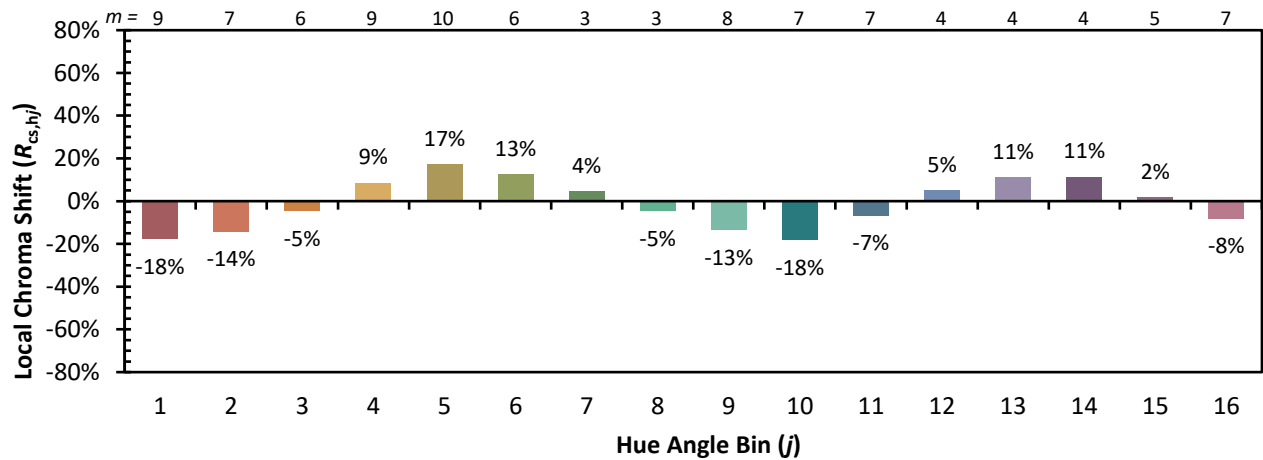
Color Vector Graphics



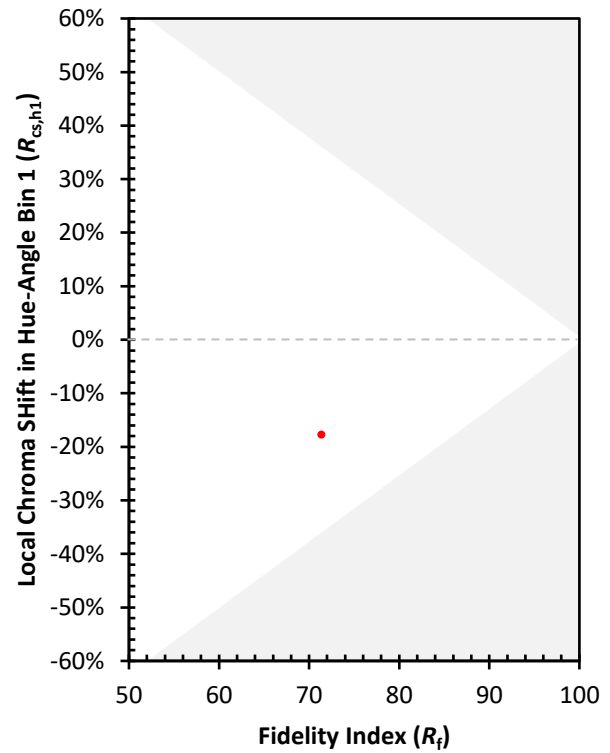
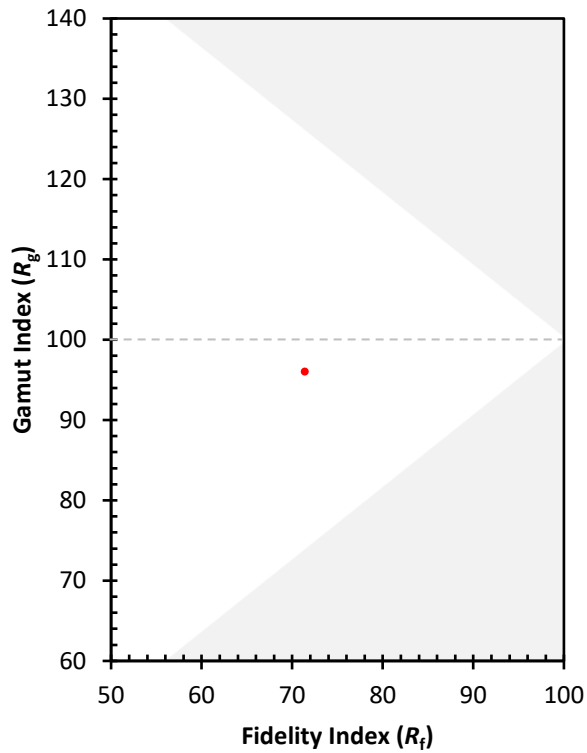
Individual Sample Fidelity Index ($R_{f,i}$)

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)