

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: P1049027

Luminaire Tested: **GALN-SA9C-735-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049027
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9C-735-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE
70CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (126) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 44256.5 lumens
Efficiency: N/A
Efficacy: 106.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

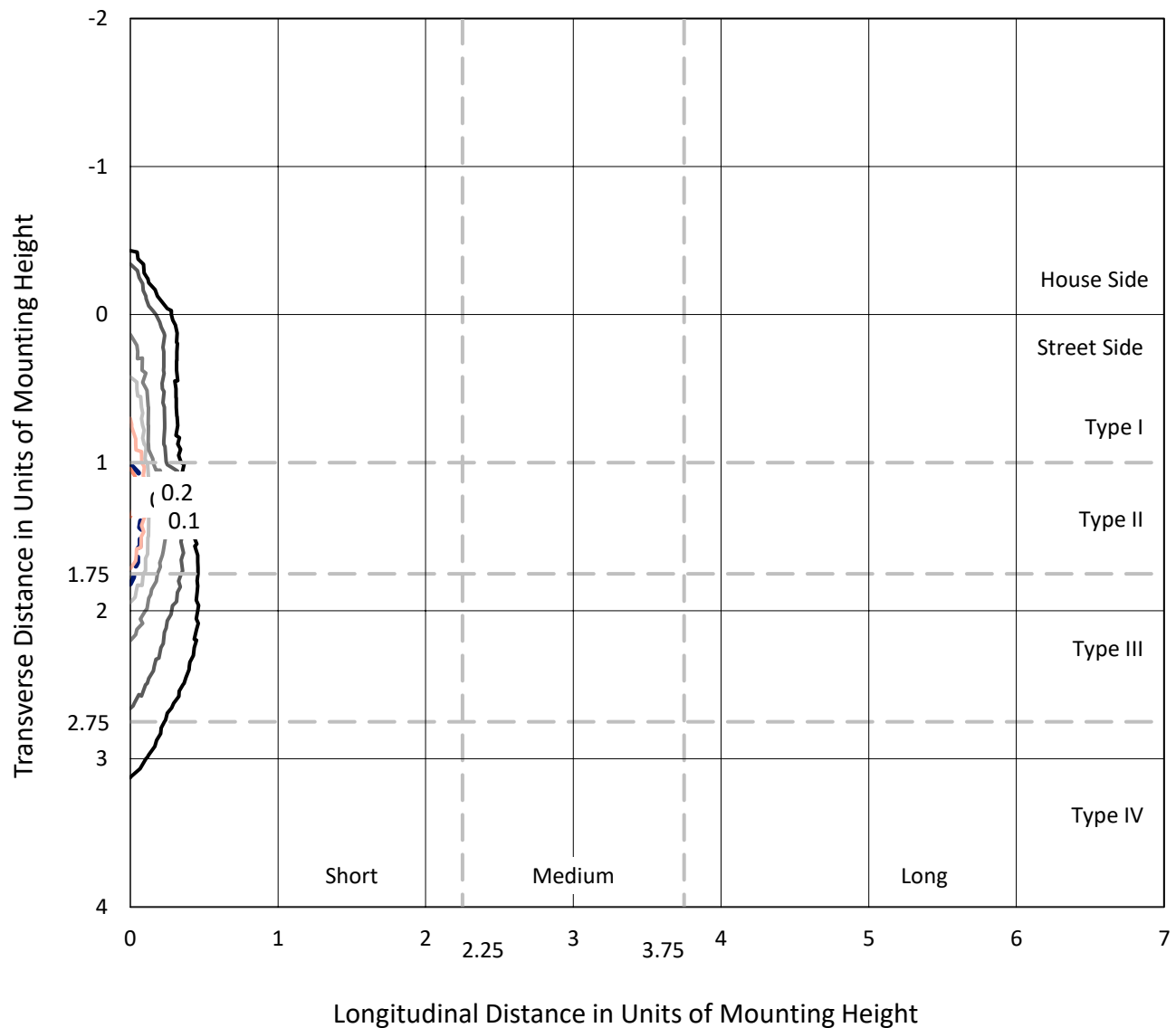
Input Watts (W): 417.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

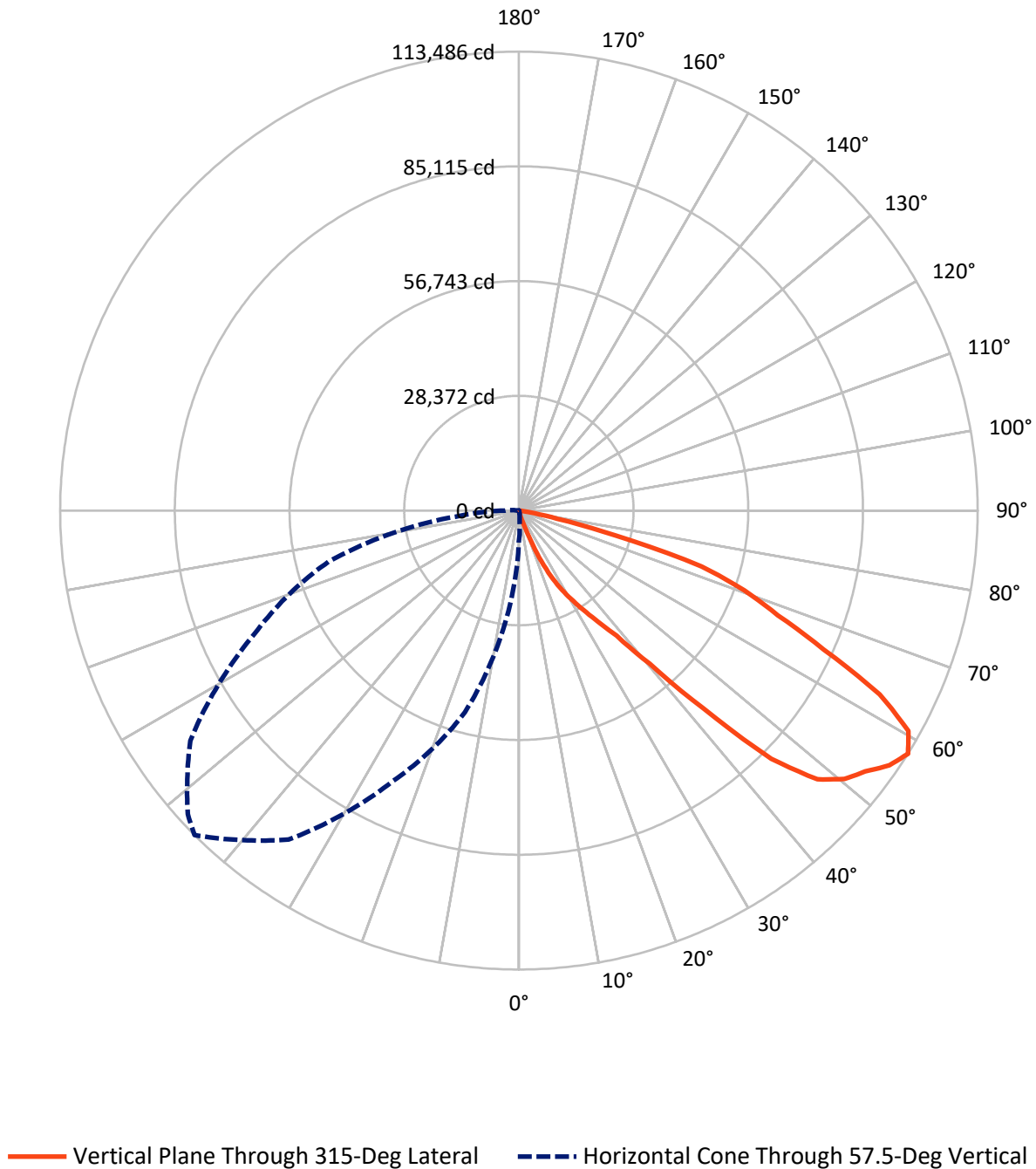
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 6.5 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	221.6	0.0	221.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	44034.9	0.0	44034.9
	% Fixture	99.5	0.0	99.5
Total	Lumens	44256.5	0.0	44256.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.3	0.0
10°-20°	97.2	0.2
20°-30°	1048.8	2.4
30°-40°	3101.5	7.0
40°-50°	9243.4	20.9
50°-60°	14656.7	33.1
60°-70°	12234.8	27.6
70°-80°	3772.7	8.5
80°-90°	83.9	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°	44256.5	100.0
0°-180°	44256.5	100.0



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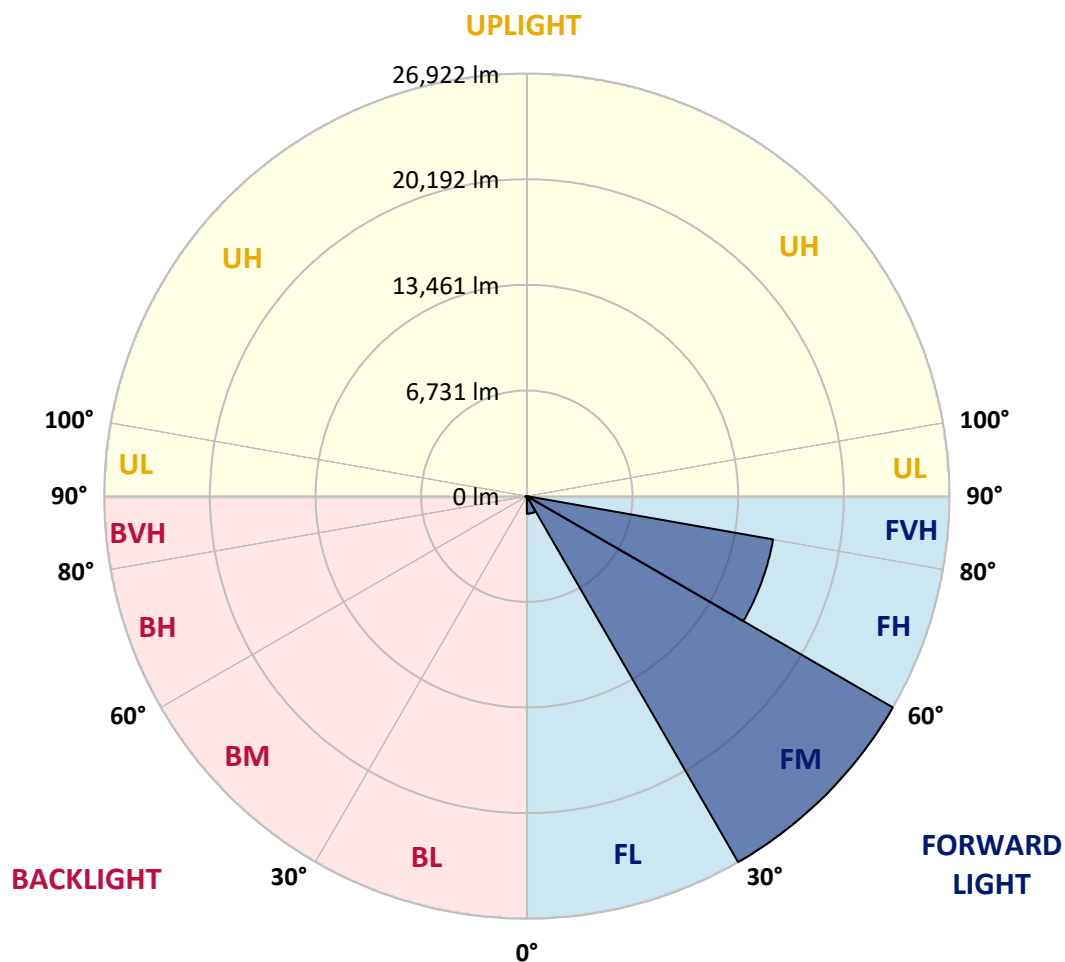
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1122.7	2.5			
FM	(30°-60°)	26922.4	60.8			
FH	(60°-80°)	15924.9	36.0			G5
FVH	(80°-90°)	64.9	0.1			G1/100
BL	(0°-30°)	40.7	0.1	B0/110		
BM	(30°-60°)	79.2	0.2	B0/220		
BH	(60°-80°)	82.7	0.2	B0/110		G0/110
BVH	(80°-90°)	19.0	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G5

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°	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0
2.5°	177.3	177.3	177.3	177.3	173.9	173.9	170.6	170.6	167.2	167.2
5°	187.3	187.3	183.9	180.6	180.6	177.3	173.9	170.6	170.6	167.2
7.5°	204.0	200.7	197.3	194.0	187.3	183.9	177.3	173.9	170.6	163.9
10°	224.1	217.4	210.7	204.0	197.3	190.6	183.9	180.6	173.9	170.6
12.5°	250.8	240.8	227.4	217.4	210.7	200.7	194.0	187.3	177.3	170.6
15°	274.2	260.9	244.1	230.8	220.7	207.4	197.3	187.3	180.6	170.6
17.5°	307.7	284.3	257.5	240.8	227.4	210.7	194.0	183.9	173.9	160.5
20°	364.5	317.7	267.6	247.5	227.4	207.4	187.3	173.9	163.9	150.5
22.5°	454.8	374.6	294.3	264.2	237.5	207.4	180.6	167.2	153.8	140.5
25°	628.8	484.9	341.1	301.0	260.9	220.7	180.6	163.9	150.5	133.8
27.5°	836.1	622.1	404.7	347.8	294.3	237.5	180.6	160.5	143.8	123.7
30°	1046.8	762.5	474.9	401.3	327.8	254.2	180.6	157.2	137.1	113.7
32.5°	1247.5	893.0	535.1	448.2	361.2	270.9	183.9	157.2	130.4	103.7
35°	1451.5	1000.0	545.1	454.8	364.5	270.9	180.6	150.5	123.7	93.6
37.5°	1712.3	1120.4	525.1	434.8	347.8	257.5	170.6	143.8	117.1	87.0
40°	2107.0	1321.0	535.1	441.5	347.8	254.2	160.5	133.8	110.4	83.6
42.5°	2836.1	1709.0	578.6	471.6	364.5	254.2	147.2	123.7	103.7	80.3
45°	4902.9	2839.4	775.9	615.4	454.8	294.3	133.8	113.7	97.0	76.9
47.5°	8110.2	4752.4	1394.6	1076.9	762.5	444.8	130.4	113.7	97.0	76.9
50°	10351.0	6053.4	1755.8	1351.1	946.5	541.8	137.1	117.1	100.3	80.3
52.5°	10334.3	6147.1	1956.5	1501.6	1050.1	595.3	143.8	123.7	107.0	87.0
55°	9187.1	5591.9	1993.3	1531.7	1073.6	612.0	153.8	133.8	113.7	93.6
57.5°	7678.8	4749.1	1819.4	1408.0	1000.0	588.6	177.3	153.8	133.8	110.4
60°	6073.5	3745.8	1418.0	1120.4	826.1	528.4	234.1	204.0	177.3	147.2
62.5°	4193.9	2715.7	1237.4	993.3	752.5	508.4	267.6	237.5	210.7	180.6
65°	2966.5	2043.4	1117.0	909.7	705.7	498.3	291.0	257.5	227.4	194.0
67.5°	2217.4	1625.4	1030.1	852.8	675.6	498.3	321.1	280.9	244.1	204.0
70°	1699.0	1334.4	966.5	822.7	682.3	538.5	394.6	337.8	284.3	227.4
72.5°	1384.6	1140.4	893.0	789.3	685.6	581.9	478.3	404.7	331.1	254.2
75°	1147.1	976.6	806.0	719.1	635.4	548.5	461.5	394.6	331.1	264.2
77.5°	762.5	695.6	625.4	575.2	525.1	471.6	421.4	364.5	311.0	254.2
80°	267.6	257.5	247.5	267.6	287.6	307.7	327.8	287.6	250.8	210.7
82.5°	40.1	36.8	33.4	36.8	40.1	43.5	46.8	50.2	53.5	56.9
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°	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0
0.0	2.5°	163.9	163.9	160.5	160.5	160.5	157.2	157.2	153.8	153.8	153.8
0.0	5°	160.5	160.5	157.2	153.8	150.5	150.5	147.2	143.8	143.8	140.5
0.0	7.5°	157.2	153.8	150.5	147.2	143.8	140.5	137.1	133.8	133.8	130.4
0.0	10°	160.5	153.8	150.5	143.8	140.5	137.1	130.4	127.1	123.7	123.7
0.0	12.5°	153.8	150.5	143.8	137.1	133.8	127.1	123.7	117.1	113.7	113.7
0.0	15°	153.8	147.2	137.1	130.4	123.7	120.4	113.7	107.0	103.7	100.3
0.0	17.5°	143.8	137.1	127.1	120.4	113.7	107.0	100.3	93.6	90.3	87.0
0.0	20°	130.4	123.7	113.7	103.7	97.0	90.3	83.6	76.9	73.6	70.2
0.0	22.5°	117.1	110.4	100.3	90.3	83.6	76.9	66.9	60.2	56.9	50.2
0.0	25°	110.4	100.3	90.3	80.3	70.2	63.5	53.5	43.5	36.8	30.1
0.0	27.5°	93.6	83.6	73.6	63.5	53.5	43.5	33.4	23.4	16.7	13.4
0.0	30°	80.3	70.2	60.2	50.2	36.8	26.8	16.7	3.3	3.3	3.3
0.0	32.5°	66.9	56.9	43.5	33.4	26.8	16.7	10.0	0.0	0.0	0.0
0.0	35°	53.5	43.5	30.1	20.1	16.7	10.0	6.7	0.0	0.0	0.0
0.0	37.5°	46.8	36.8	23.4	10.0	6.7	6.7	3.3	0.0	0.0	0.0
0.0	40°	43.5	30.1	16.7	3.3	3.3	3.3	0.0	0.0	0.0	0.0
0.0	42.5°	43.5	30.1	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	43.5	30.1	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	43.5	30.1	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	46.8	33.4	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	53.5	40.1	26.8	13.4	10.0	6.7	3.3	0.0	0.0	0.0
0.0	55°	66.9	60.2	50.2	43.5	33.4	23.4	10.0	0.0	0.0	0.0
0.0	57.5°	87.0	87.0	83.6	80.3	60.2	40.1	20.1	0.0	0.0	0.0
0.0	60°	117.1	117.1	117.1	117.1	87.0	60.2	30.1	0.0	0.0	0.0
0.0	62.5°	143.8	137.1	127.1	120.4	90.3	60.2	30.1	0.0	0.0	0.0
0.0	65°	143.8	130.4	113.7	97.0	73.6	50.2	23.4	0.0	0.0	0.0
0.0	67.5°	133.8	107.0	76.9	50.2	36.8	26.8	13.4	0.0	0.0	0.0
	70°	133.8	93.6	53.5	13.4	10.0	6.7	3.3	0.0	0.0	0.0
	72.5°	133.8	90.3	43.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	147.2	100.3	50.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	147.2	100.3	50.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	130.4	87.0	43.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	43.5	30.1	13.4	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°	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0
0.0	2.5°	150.5	150.5	150.5	147.2	147.2	147.2	147.2	143.8	143.8	143.8
0.0	5°	137.1	137.1	133.8	133.8	130.4	130.4	127.1	127.1	123.7	123.7
0.0	7.5°	127.1	123.7	123.7	120.4	117.1	117.1	113.7	113.7	110.4	107.0
0.0	10°	117.1	113.7	113.7	110.4	107.0	103.7	103.7	100.3	97.0	93.6
0.0	12.5°	107.0	103.7	100.3	97.0	93.6	90.3	90.3	87.0	83.6	80.3
0.0	15°	93.6	90.3	87.0	83.6	80.3	76.9	76.9	73.6	70.2	66.9
0.0	17.5°	80.3	76.9	76.9	73.6	70.2	66.9	63.5	56.9	53.5	50.2
0.0	20°	60.2	56.9	53.5	50.2	46.8	40.1	36.8	30.1	23.4	20.1
0.0	22.5°	40.1	33.4	30.1	23.4	16.7	13.4	10.0	3.3	0.0	0.0
0.0	25°	13.4	10.0	6.7	3.3	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: P1049027

CATALOG NUMBER: GALN-SA9C-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049027

CATALOG NUMBER: GALN-SA9C-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°	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0
0.0	2.5°	140.5	140.5	140.5	137.1	137.1	137.1	137.1	137.1	137.1	137.1
0.0	5°	120.4	120.4	120.4	117.1	117.1	113.7	113.7	113.7	110.4	110.4
0.0	7.5°	103.7	100.3	100.3	97.0	97.0	93.6	93.6	93.6	90.3	90.3
0.0	10°	87.0	83.6	83.6	80.3	80.3	76.9	76.9	73.6	73.6	70.2
0.0	12.5°	76.9	73.6	70.2	66.9	66.9	63.5	60.2	60.2	56.9	53.5
0.0	15°	60.2	56.9	53.5	50.2	46.8	43.5	40.1	40.1	36.8	33.4
0.0	17.5°	40.1	33.4	30.1	26.8	26.8	23.4	20.1	16.7	13.4	10.0
0.0	20°	10.0	6.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049027

CATALOG NUMBER: GALN-SA9C-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°	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0
0.0	2.5°	137.1	133.8	133.8	133.8	137.1	137.1	137.1	137.1	137.1	137.1
0.0	5°	110.4	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0	107.0
0.0	7.5°	90.3	87.0	87.0	87.0	87.0	83.6	83.6	83.6	83.6	83.6
0.0	10°	70.2	66.9	66.9	66.9	66.9	63.5	63.5	63.5	63.5	63.5
0.0	12.5°	50.2	50.2	46.8	46.8	46.8	43.5	43.5	43.5	43.5	40.1
0.0	15°	30.1	26.8	23.4	23.4	23.4	20.1	20.1	20.1	20.1	16.7
0.0	17.5°	6.7	6.7	3.3	3.3	3.3	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
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-SA9C-735-U-RBC

CANDELA DISTRIBUTION (continued):

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CATALOG NUMBER: GALN-SA9C-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°	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0
0.0	2.5°	140.5	140.5	143.8	143.8	147.2	153.8	157.2	160.5	167.2	173.9
0.0	5°	110.4	113.7	113.7	117.1	120.4	123.7	127.1	130.4	137.1	143.8
0.0	7.5°	87.0	87.0	90.3	90.3	93.6	100.3	103.7	107.0	113.7	123.7
0.0	10°	66.9	66.9	70.2	70.2	73.6	80.3	83.6	87.0	93.6	103.7
0.0	12.5°	43.5	46.8	46.8	50.2	53.5	60.2	63.5	66.9	73.6	80.3
0.0	15°	20.1	23.4	23.4	26.8	30.1	36.8	40.1	43.5	50.2	60.2
0.0	17.5°	3.3	3.3	6.7	6.7	10.0	13.4	16.7	20.1	30.1	36.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	13.4
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
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):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0
0.0	2.5°	183.9	190.6	197.3	204.0	210.7	217.4	220.7	227.4	230.8	234.1
0.0	5°	157.2	163.9	173.9	180.6	187.3	194.0	200.7	204.0	207.4	210.7
0.0	7.5°	137.1	143.8	153.8	160.5	167.2	173.9	180.6	187.3	190.6	194.0
0.0	10°	117.1	127.1	133.8	143.8	150.5	157.2	163.9	170.6	177.3	180.6
0.0	12.5°	93.6	103.7	113.7	120.4	130.4	140.5	147.2	153.8	160.5	167.2
0.0	15°	73.6	83.6	93.6	100.3	110.4	120.4	130.4	137.1	143.8	150.5
0.0	17.5°	53.5	63.5	73.6	80.3	90.3	100.3	107.0	117.1	123.7	130.4
0.0	20°	26.8	36.8	46.8	56.9	66.9	76.9	83.6	93.6	100.3	107.0
0.0	22.5°	3.3	13.4	23.4	30.1	40.1	50.2	56.9	66.9	73.6	80.3
0.0	25°	0.0	3.3	10.0	13.4	16.7	23.4	30.1	36.8	43.5	50.2
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	3.3	6.7	13.4	20.1	26.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7
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	3.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	3.3	6.7
	85°	0.0	0.0	0.0	0.0	0.0	6.7	10.0	16.7	20.1	23.4
	87.5°	0.0	3.3	6.7	10.0	13.4	20.1	26.8	33.4	36.8	40.1
	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: P1049027

CATALOG NUMBER: GALN-SA9C-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
194.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
234.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
214.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
187.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.0	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											
3.3											
13.4											
30.1											
43.5											
0.0											
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REPORT NUMBER: P1049027

CATALOG NUMBER: GALN-SA9C-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°	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0
0.0	2.5°	237.5	237.5	237.5	237.5	234.1	234.1	234.1	230.8	230.8	227.4
0.0	5°	217.4	220.7	220.7	220.7	220.7	220.7	220.7	220.7	217.4	217.4
0.0	7.5°	200.7	204.0	207.4	207.4	210.7	210.7	210.7	207.4	207.4	204.0
0.0	10°	190.6	194.0	194.0	197.3	197.3	197.3	197.3	197.3	197.3	197.3
0.0	12.5°	177.3	180.6	183.9	183.9	187.3	187.3	187.3	187.3	183.9	183.9
0.0	15°	160.5	167.2	170.6	173.9	173.9	177.3	177.3	177.3	177.3	177.3
0.0	17.5°	147.2	153.8	157.2	160.5	160.5	163.9	163.9	167.2	167.2	167.2
0.0	20°	120.4	127.1	130.4	137.1	140.5	143.8	147.2	150.5	150.5	153.8
0.0	22.5°	93.6	100.3	103.7	110.4	113.7	117.1	120.4	123.7	127.1	130.4
0.0	25°	66.9	73.6	76.9	83.6	87.0	90.3	93.6	97.0	97.0	100.3
0.0	27.5°	36.8	43.5	50.2	53.5	60.2	63.5	66.9	70.2	73.6	76.9
0.0	30°	16.7	20.1	23.4	30.1	33.4	36.8	40.1	46.8	50.2	53.5
0.0	32.5°	0.0	0.0	3.3	10.0	13.4	16.7	20.1	23.4	23.4	26.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	3.3	6.7	10.0	13.4
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°	6.7	6.7	6.7	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	82.5°	16.7	20.1	23.4	23.4	26.8	26.8	26.8	26.8	23.4	23.4
	85°	33.4	36.8	40.1	40.1	43.5	43.5	43.5	43.5	43.5	43.5
	87.5°	46.8	50.2	53.5	53.5	56.9	56.9	56.9	56.9	56.9	56.9
	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: P1049027

CATALOG NUMBER: GALN-SA9C-735-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
194.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
227.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
217.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
204.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.3	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											
10.0											
23.4											
43.5											
56.9											
0.0											
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REPORT NUMBER: P1049027

CATALOG NUMBER: GALN-SA9C-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°	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0
0.0	2.5°	224.1	224.1	220.7	220.7	220.7	220.7	220.7	224.1	227.4	227.4
0.0	5°	214.0	214.0	210.7	210.7	210.7	214.0	214.0	217.4	220.7	224.1
0.0	7.5°	204.0	200.7	200.7	204.0	204.0	207.4	207.4	210.7	214.0	217.4
0.0	10°	197.3	194.0	194.0	194.0	197.3	197.3	200.7	204.0	207.4	210.7
0.0	12.5°	183.9	183.9	183.9	183.9	187.3	187.3	190.6	194.0	200.7	204.0
0.0	15°	177.3	173.9	173.9	173.9	173.9	177.3	177.3	183.9	190.6	194.0
0.0	17.5°	163.9	163.9	160.5	160.5	163.9	163.9	167.2	173.9	180.6	183.9
0.0	20°	150.5	147.2	143.8	143.8	147.2	147.2	150.5	157.2	163.9	167.2
0.0	22.5°	130.4	127.1	127.1	127.1	127.1	130.4	130.4	137.1	147.2	153.8
0.0	25°	103.7	107.0	107.0	110.4	110.4	113.7	117.1	123.7	133.8	140.5
0.0	27.5°	80.3	83.6	83.6	90.3	93.6	97.0	100.3	110.4	120.4	127.1
0.0	30°	60.2	63.5	66.9	70.2	76.9	83.6	90.3	100.3	110.4	117.1
0.0	32.5°	36.8	43.5	46.8	53.5	60.2	66.9	73.6	83.6	97.0	107.0
0.0	35°	26.8	30.1	36.8	40.1	46.8	53.5	60.2	73.6	83.6	97.0
0.0	37.5°	13.4	20.1	26.8	33.4	40.1	46.8	53.5	66.9	80.3	90.3
0.0	40°	10.0	16.7	20.1	26.8	36.8	43.5	50.2	63.5	76.9	90.3
0.0	42.5°	6.7	10.0	13.4	23.4	30.1	40.1	50.2	63.5	76.9	90.3
0.0	45°	6.7	6.7	10.0	20.1	30.1	43.5	53.5	66.9	76.9	90.3
0.0	47.5°	6.7	10.0	13.4	26.8	33.4	43.5	53.5	63.5	76.9	87.0
0.0	50°	10.0	13.4	16.7	30.1	36.8	46.8	53.5	66.9	76.9	90.3
0.0	52.5°	6.7	10.0	13.4	26.8	36.8	50.2	60.2	73.6	87.0	97.0
0.0	55°	3.3	3.3	3.3	20.1	40.1	56.9	76.9	87.0	100.3	110.4
0.0	57.5°	0.0	0.0	0.0	13.4	40.1	63.5	87.0	100.3	113.7	123.7
0.0	60°	0.0	0.0	0.0	13.4	40.1	63.5	87.0	103.7	120.4	137.1
0.0	62.5°	0.0	0.0	0.0	13.4	33.4	53.5	73.6	100.3	130.4	157.2
0.0	65°	0.0	0.0	0.0	10.0	26.8	43.5	60.2	100.3	140.5	177.3
0.0	67.5°	0.0	0.0	0.0	10.0	26.8	40.1	56.9	100.3	140.5	183.9
	70°	0.0	0.0	0.0	10.0	26.8	43.5	60.2	100.3	140.5	180.6
	72.5°	0.0	0.0	0.0	10.0	30.1	46.8	66.9	100.3	133.8	167.2
	75°	0.0	0.0	0.0	13.4	30.1	50.2	70.2	100.3	130.4	157.2
	77.5°	0.0	0.0	0.0	10.0	30.1	46.8	66.9	97.0	127.1	153.8
	80°	10.0	6.7	6.7	16.7	30.1	43.5	56.9	87.0	120.4	150.5
	82.5°	20.1	20.1	16.7	23.4	30.1	40.1	50.2	76.9	107.0	133.8
	85°	40.1	40.1	36.8	40.1	40.1	43.5	46.8	60.2	73.6	87.0
	87.5°	53.5	53.5	50.2	50.2	50.2	46.8	46.8	46.8	46.8	43.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
194.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
227.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
220.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
214.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
217.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
224.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
220.7											
200.7											
187.3											
183.9											
180.6											
160.5											
100.3											
43.5											
0.0											
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CATALOG NUMBER: GALN-SA9C-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°	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0
0.0	2.5°	234.1	237.5	237.5	240.8	244.1	247.5	247.5	250.8	250.8	250.8
0.0	5°	230.8	237.5	240.8	244.1	247.5	250.8	254.2	257.5	260.9	260.9
0.0	7.5°	227.4	230.8	237.5	240.8	247.5	250.8	257.5	260.9	264.2	267.6
0.0	10°	220.7	227.4	234.1	240.8	247.5	254.2	260.9	267.6	274.2	277.6
0.0	12.5°	214.0	224.1	230.8	237.5	247.5	257.5	264.2	274.2	280.9	287.6
0.0	15°	210.7	217.4	227.4	234.1	247.5	260.9	270.9	284.3	297.7	307.7
0.0	17.5°	200.7	214.0	224.1	234.1	247.5	264.2	277.6	291.0	311.0	331.1
0.0	20°	187.3	197.3	210.7	220.7	240.8	257.5	277.6	294.3	324.4	354.5
0.0	22.5°	173.9	187.3	197.3	210.7	234.1	254.2	277.6	297.7	347.8	394.6
0.0	25°	160.5	177.3	190.6	204.0	230.8	257.5	284.3	311.0	394.6	478.3
0.0	27.5°	153.8	167.2	183.9	197.3	230.8	267.6	301.0	334.4	468.2	598.7
0.0	30°	143.8	160.5	173.9	190.6	234.1	277.6	321.1	364.5	568.6	772.6
0.0	32.5°	133.8	150.5	167.2	183.9	240.8	297.7	351.2	408.0	675.6	939.8
0.0	35°	123.7	143.8	160.5	177.3	250.8	327.8	401.3	474.9	772.6	1066.9
0.0	37.5°	120.4	140.5	157.2	173.9	254.2	331.1	411.4	488.3	782.6	1076.9
0.0	40°	123.7	140.5	160.5	177.3	244.1	311.0	374.6	441.5	749.2	1053.5
0.0	42.5°	123.7	143.8	163.9	183.9	237.5	291.0	344.5	398.0	739.1	1080.2
0.0	45°	120.4	140.5	160.5	180.6	230.8	277.6	327.8	374.6	799.3	1220.7
0.0	47.5°	117.1	137.1	157.2	177.3	227.4	277.6	327.8	377.9	1033.4	1685.6
0.0	50°	117.1	137.1	153.8	170.6	230.8	294.3	354.5	414.7	1505.0	2591.9
0.0	52.5°	123.7	140.5	153.8	167.2	237.5	311.0	381.3	451.5	1913.0	3371.2
0.0	55°	133.8	143.8	157.2	167.2	254.2	337.8	424.7	508.4	2036.8	3565.2
0.0	57.5°	147.2	157.2	167.2	177.3	284.3	391.3	495.0	602.0	2046.8	3488.2
0.0	60°	163.9	177.3	187.3	197.3	311.0	428.1	541.8	655.5	1852.8	3046.8
0.0	62.5°	200.7	217.4	230.8	247.5	357.9	464.9	575.2	682.3	1538.4	2394.6
0.0	65°	230.8	244.1	257.5	270.9	377.9	488.3	595.3	702.3	1304.3	1906.3
0.0	67.5°	237.5	250.8	260.9	274.2	384.6	495.0	602.0	712.4	1117.0	1518.4
	70°	240.8	257.5	277.6	294.3	408.0	521.7	632.1	745.8	989.9	1234.1
	72.5°	230.8	264.2	294.3	324.4	431.4	535.1	642.1	745.8	919.7	1093.6
	75°	230.8	277.6	321.1	364.5	444.8	521.7	602.0	678.9	812.7	946.5
	77.5°	244.1	304.3	364.5	424.7	471.6	515.0	561.9	605.3	692.3	779.3
	80°	244.1	307.7	367.9	431.4	451.5	474.9	495.0	515.0	525.1	535.1
	82.5°	210.7	260.9	311.0	361.2	337.8	314.4	291.0	267.6	250.8	230.8
	85°	107.0	117.1	123.7	130.4	120.4	110.4	100.3	90.3	83.6	73.6
	87.5°	43.5	43.5	40.1	40.1	40.1	40.1	36.8	36.8	36.8	36.8
	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

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CATALOG NUMBER: GALN-SA9C-735-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
194.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
284.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
297.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
324.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
357.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
411.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
525.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
712.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
989.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1341.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1675.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1903.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2073.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2244.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2578.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3247.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4949.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7581.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9545.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9762.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8809.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7531.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5886.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4448.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3284.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2324.4											
1729.1											
1257.5											
946.5											
531.8											
240.8											
70.2											
33.4											
0.0											
0.0											
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REPORT NUMBER: P1049027

CATALOG NUMBER: GALN-SA9C-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°	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0
0.0	2.5°	250.8	247.5	247.5	244.1	240.8	237.5	234.1	230.8	227.4	224.1
0.0	5°	260.9	260.9	260.9	257.5	257.5	254.2	254.2	250.8	247.5	244.1
0.0	7.5°	270.9	274.2	274.2	277.6	277.6	277.6	277.6	274.2	274.2	274.2
0.0	10°	287.6	291.0	294.3	297.7	301.0	304.3	304.3	307.7	307.7	307.7
0.0	12.5°	307.7	317.7	324.4	334.4	341.1	351.2	357.9	367.9	374.6	381.3
0.0	15°	337.8	354.5	374.6	391.3	408.0	431.4	458.2	481.6	505.0	541.8
0.0	17.5°	381.3	434.8	488.3	538.5	592.0	709.0	826.1	939.8	1056.8	1227.4
0.0	20°	464.9	625.4	782.6	943.1	1100.3	1511.7	1919.7	2331.1	2739.1	3177.2
0.0	22.5°	652.2	1046.8	1441.4	1836.1	2230.7	3090.2	3946.4	4805.9	5662.1	6668.8
0.0	25°	946.5	1672.2	2398.0	3120.3	3846.1	5190.5	6538.3	7882.8	9227.3	10534.9
0.0	27.5°	1377.9	2488.3	3598.6	4705.6	5816.0	7638.7	9464.7	11287.4	13110.1	14588.4
0.0	30°	1909.7	3414.7	4919.6	6424.6	7929.6	10003.2	12076.7	14146.9	16220.5	17835.8
0.0	32.5°	2411.3	4254.1	6096.9	7936.3	9779.1	12140.3	14504.8	16865.9	19227.1	20993.0
0.0	35°	2739.1	4966.5	7197.2	9424.6	11652.0	14207.1	16762.3	19314.1	21869.2	23885.9
0.0	37.5°	3066.8	5638.7	8207.2	10779.1	13347.6	16153.6	18959.5	21765.5	24571.5	27063.1
0.0	40°	3434.7	6451.4	9464.7	12481.4	15494.7	18819.1	22140.1	25464.4	28785.5	32300.5
0.0	42.5°	4073.5	7799.2	11528.2	15253.9	18979.6	23377.5	27775.4	32170.0	36567.9	41584.6
0.0	45°	5274.2	10524.9	15779.0	21029.7	26280.5	32106.5	37935.8	43761.8	49587.8	56263.3
0.0	47.5°	8213.9	15437.9	22658.5	29882.4	37103.0	43393.9	49681.4	55972.3	62259.8	68908.5
0.0	50°	12568.3	20976.2	29384.1	37788.7	46196.5	51888.7	57577.6	63269.8	68958.7	75283.0
0.0	52.5°	15718.8	24477.8	33240.2	41999.3	50758.3	55895.4	61035.7	66172.8	71309.8	77219.4
0.0	55°	15956.2	24665.1	33377.4	42086.2	50795.1	55955.6	61116.0	66276.5	71436.9	77701.0
0.0	57.5°	14126.8	22765.5	31400.8	40039.4	48674.8	54550.9	60423.7	66299.9	72172.7	78945.1
0.0	60°	12016.5	20658.5	29297.2	37939.2	46577.8	53346.9	60119.4	66888.5	73657.6	80002.0
0.0	62.5°	9374.4	18263.9	27156.7	36046.2	44935.7	51808.5	58681.3	65550.7	72423.5	77182.6
0.0	65°	6986.5	15618.5	24250.4	32879.0	41511.0	47015.9	52520.8	58022.4	63527.3	66473.8
0.0	67.5°	5050.1	12494.8	19936.1	27380.8	34822.1	38761.9	42701.6	46638.0	50577.7	52831.9
	70°	3414.7	8571.8	13725.5	18882.6	24036.4	27273.8	30514.5	33751.9	36989.3	40032.8
	72.5°	2364.5	5260.8	8160.4	11056.7	13952.9	17210.4	20464.5	23722.0	26976.1	30196.8
	75°	1568.5	2886.2	4207.3	5525.0	6842.7	9254.0	11668.7	14080.0	16491.4	18411.1
	77.5°	1113.7	1508.3	1906.3	2301.0	2695.6	3147.1	3601.9	4053.4	4504.9	5190.5
	80°	528.4	578.6	628.8	675.6	725.7	889.6	1053.5	1217.4	1381.2	1555.2
	82.5°	250.8	270.9	291.0	307.7	327.8	344.5	361.2	377.9	394.6	377.9
	85°	66.9	66.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	66.9
	87.5°	30.1	30.1	30.1	30.1	30.1	30.1	30.1	26.8	26.8	23.4
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
194.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
220.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
240.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
311.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
384.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
581.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1394.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3618.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7675.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11842.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16066.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19454.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22762.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25902.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29558.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35815.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46601.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62938.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75557.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81607.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83129.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83968.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85717.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86343.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81945.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69423.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55089.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43072.8											
33417.5											
20330.8											
5876.2											
1729.1											
357.9											
63.5											
23.4											
0.0											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0
0.0	2.5°	217.4	214.0	210.7	207.4	204.0	197.3	197.3	194.0	194.0
0.0	5°	237.5	234.1	230.8	227.4	227.4	224.1	220.7	220.7	217.4
0.0	7.5°	270.9	267.6	264.2	260.9	260.9	257.5	257.5	254.2	254.2
0.0	10°	311.0	311.0	311.0	311.0	311.0	307.7	307.7	307.7	304.3
0.0	12.5°	391.3	394.6	401.3	408.0	418.1	418.1	418.1	414.7	414.7
0.0	15°	618.7	655.5	682.3	709.0	732.4	785.9	779.3	769.2	762.5
0.0	17.5°	1565.2	1732.4	1822.7	1909.7	2000.0	2247.5	2207.3	2167.2	2130.4
0.0	20°	4056.8	4494.9	4785.9	5076.8	5371.1	5836.0	5722.3	5608.6	5494.9
0.0	22.5°	8678.8	9685.5	10123.6	10561.7	10996.5	11558.3	11193.8	10829.2	10468.0
0.0	25°	13146.9	14454.6	15193.7	15932.8	16668.6	16989.7	16514.8	16036.5	15561.6
0.0	27.5°	17544.9	19023.1	19675.2	20324.1	20976.2	21648.5	21059.8	20467.9	19879.3
0.0	30°	21069.9	22685.2	23390.9	24093.2	24798.9	25267.1	24658.4	24046.4	23437.7
0.0	32.5°	24528.0	26293.9	27066.4	27839.0	28608.2	29280.4	28531.3	27778.8	27029.6
0.0	35°	27915.9	29932.6	30996.1	32059.7	33123.2	33748.6	32859.0	31966.0	31076.4
0.0	37.5°	32049.6	34541.2	35731.8	36922.4	38113.1	39253.5	38273.6	37290.3	36310.4
0.0	40°	39330.4	42845.4	44671.5	46500.9	48326.9	49798.5	48561.0	47323.6	46086.2
0.0	42.5°	51617.8	56634.5	59259.9	61881.9	64507.3	66804.9	65503.9	64202.9	62901.9
0.0	45°	69614.2	76289.7	79490.3	82687.5	85888.2	87567.1	85694.2	83818.0	81945.1
0.0	47.5°	82202.6	88851.3	91700.8	94550.2	97399.7	99316.0	97025.1	94734.2	92446.6
0.0	50°	87928.3	94252.6	97112.1	99968.2	102827.7	104349.4	101703.9	99055.2	96409.7
0.0	52.5°	89035.3	94944.9	98356.2	101770.8	105182.1	107215.6	104091.9	100964.8	97841.1
0.0	55°	90232.6	96496.7	100453.1	104412.9	108369.4	111185.4	107653.7	104118.6	100586.9
0.0	57.5°	92486.7	99259.2	103205.6	107148.7	111095.1	113486.4	109944.6	106399.5	102857.8
0.0	60°	92687.4	99028.4	102419.7	105814.2	109205.5	110710.5	107322.6	103931.3	100543.4
0.0	62.5°	86704.2	91463.3	93817.8	96172.3	98526.7	100162.2	96627.1	93088.7	89553.7
0.0	65°	72370.0	75316.4	77192.7	79068.9	80945.1	82894.9	79657.5	76420.1	73182.7
0.0	67.5°	57343.5	59597.6	62069.2	64540.7	67012.2	69095.8	66503.9	63908.6	61316.7
	70°	46116.3	49156.3	51935.6	54714.8	57494.0	59199.7	56597.7	53992.4	51390.4
	72.5°	36638.2	39858.8	42179.9	44497.6	46818.6	47236.6	45323.6	43410.6	41501.0
	75°	22247.1	24166.8	24213.6	24257.1	24303.9	24701.9	23116.7	21531.4	19949.5
	77.5°	6561.8	7247.4	7812.6	8374.4	8939.6	9621.9	9040.0	8454.7	7872.8
	80°	1899.6	2073.5	2220.7	2364.5	2511.7	2424.7	2287.6	2150.5	2013.3
	82.5°	341.1	321.1	317.7	314.4	314.4	297.7	270.9	244.1	217.4
	85°	60.2	56.9	53.5	50.2	46.8	43.5	36.8	33.4	26.8
	87.5°	20.1	16.7	13.4	10.0	10.0	3.3	3.3	3.3	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA9C-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°	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0	194.0
0.0	0.0	2.5°	190.6	187.3	187.3	187.3	187.3	183.9	183.9	183.9	183.9
0.0	0.0	5°	210.7	210.7	207.4	207.4	204.0	204.0	200.7	200.7	197.3
0.0	0.0	7.5°	247.5	244.1	240.8	237.5	234.1	227.4	224.1	220.7	220.7
0.0	0.0	10°	297.7	291.0	287.6	280.9	277.6	270.9	264.2	257.5	250.8
0.0	0.0	12.5°	391.3	377.9	367.9	354.5	341.1	331.1	317.7	307.7	294.3
0.0	0.0	15°	678.9	645.5	608.7	565.2	518.4	474.9	428.1	401.3	371.2
0.0	0.0	17.5°	1735.8	1561.8	1384.6	1240.8	1097.0	956.5	812.7	709.0	605.3
0.0	0.0	20°	4418.0	3936.4	3454.8	2979.9	2501.6	2026.7	1548.5	1307.7	1066.9
0.0	0.0	22.5°	8314.2	7421.3	6525.0	5658.8	4789.2	3923.0	3056.8	2511.7	1969.9
0.0	0.0	25°	12832.6	11708.8	10585.1	9160.4	7732.3	6307.6	4882.9	3996.6	3110.3
0.0	0.0	27.5°	16698.7	15404.4	14110.1	12377.7	10645.3	8912.9	7180.5	5859.4	4541.7
0.0	0.0	30°	20046.5	18655.2	17263.9	15247.2	13230.5	11213.9	9197.2	7545.0	5892.9
0.0	0.0	32.5°	22949.4	21283.9	19618.4	17538.2	15457.9	13377.7	11297.5	9270.7	7244.0
0.0	0.0	35°	26297.2	24354.1	22407.6	20100.0	17789.0	15481.3	13173.7	10886.1	8595.2
0.0	0.0	37.5°	30551.3	28166.7	25778.8	23207.0	20635.1	18066.6	15494.7	12879.4	10264.0
0.0	0.0	40°	38695.0	35618.1	32541.2	29273.7	26002.9	22735.4	19467.9	16257.2	13046.6
0.0	0.0	42.5°	53286.7	49129.6	44972.5	40624.7	36273.6	31925.9	27574.8	23046.4	18514.7
0.0	0.0	45°	69754.7	64597.6	59437.1	54557.6	49674.7	44795.2	39915.7	33701.8	27487.8
0.0	0.0	47.5°	79015.4	73446.9	67878.4	63259.8	58641.1	54022.5	49403.8	42705.0	36006.1
0.0	0.0	50°	82423.3	76754.5	71085.7	66835.0	62580.9	58330.1	54076.0	47367.1	40654.8
0.0	0.0	52.5°	83149.1	77366.6	71584.1	67306.5	63029.0	58754.8	54477.3	47811.9	41146.5
0.0	0.0	55°	84640.7	78436.8	72229.5	67353.4	62477.2	57601.0	52724.9	45952.4	39179.9
0.0	0.0	57.5°	86590.5	80229.4	73868.3	68313.2	62758.1	57206.4	51651.3	44246.7	36842.2
0.0	0.0	60°	86078.8	80543.8	75005.4	69055.7	63102.6	57152.9	51199.8	43056.1	34909.1
0.0	0.0	62.5°	77196.0	72788.1	68376.8	63483.9	58587.6	53694.7	48801.8	40417.4	32032.9
0.0	0.0	65°	63507.3	60289.9	57072.6	53136.2	49196.5	45260.1	41323.7	33805.4	26290.5
0.0	0.0	67.5°	51470.7	47845.3	44216.6	41079.6	37939.2	34802.1	31661.7	25745.4	19829.1
		70°	40892.3	36949.2	33002.8	29939.3	26872.4	23809.0	20745.5	16812.4	12882.7
		72.5°	32474.4	28919.2	25364.1	22096.6	18825.8	15558.3	12287.4	9963.0	7638.7
		75°	15521.5	14100.1	12678.7	10969.7	9260.7	7551.7	5842.7	4829.3	3819.3
		77.5°	5752.4	4986.5	4217.3	3521.7	2826.0	2133.7	1438.1	1317.7	1197.3
		80°	1488.3	1297.6	1103.7	966.5	826.1	689.0	551.8	498.3	448.2
		82.5°	170.6	157.2	147.2	140.5	130.4	123.7	113.7	103.7	93.6
		85°	10.0	6.7	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: P1049027

CATALOG NUMBER: GALN-SA9C-735-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	194.0	194.0
0.0	0.0	2.5°	180.6	177.3
0.0	0.0	5°	190.6	187.3
0.0	0.0	7.5°	210.7	204.0
0.0	0.0	10°	230.8	224.1
0.0	0.0	12.5°	260.9	250.8
0.0	0.0	15°	294.3	274.2
0.0	0.0	17.5°	351.2	307.7
0.0	0.0	20°	474.9	364.5
0.0	0.0	22.5°	668.9	454.8
0.0	0.0	25°	983.3	628.8
0.0	0.0	27.5°	1367.9	836.1
0.0	0.0	30°	1819.4	1046.8
0.0	0.0	32.5°	2217.4	1247.5
0.0	0.0	35°	2735.7	1451.5
0.0	0.0	37.5°	3374.5	1712.3
0.0	0.0	40°	4364.5	2107.0
0.0	0.0	42.5°	6147.1	2836.1
0.0	0.0	45°	9983.1	4902.9
0.0	0.0	47.5°	15360.9	8110.2
0.0	0.0	50°	18792.3	10351.0
0.0	0.0	52.5°	19073.3	10334.3
0.0	0.0	55°	17411.1	9187.1
0.0	0.0	57.5°	14855.9	7678.8
0.0	0.0	60°	12347.6	6073.5
0.0	0.0	62.5°	9728.9	4193.9
0.0	0.0	65°	7110.2	2966.5
0.0	0.0	67.5°	5106.9	2217.4
		70°	3357.8	1699.0
		72.5°	2187.3	1384.6
		75°	1471.5	1147.1
		77.5°	859.5	762.5
		80°	304.3	267.6
		82.5°	56.9	40.1
		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: P1049027

CATALOG NUMBER: GALN-SA9C-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

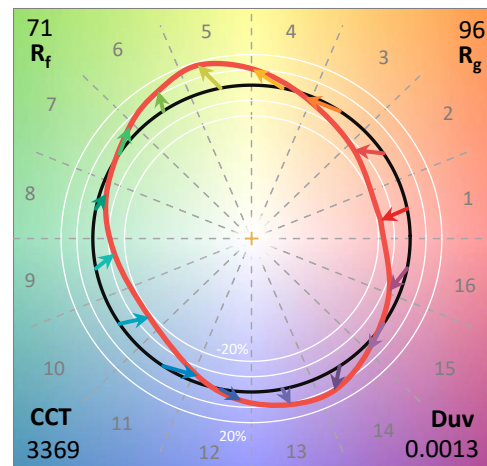
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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/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			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.29

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

REPORT NUMBER: SP1-2407-184-5

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.36

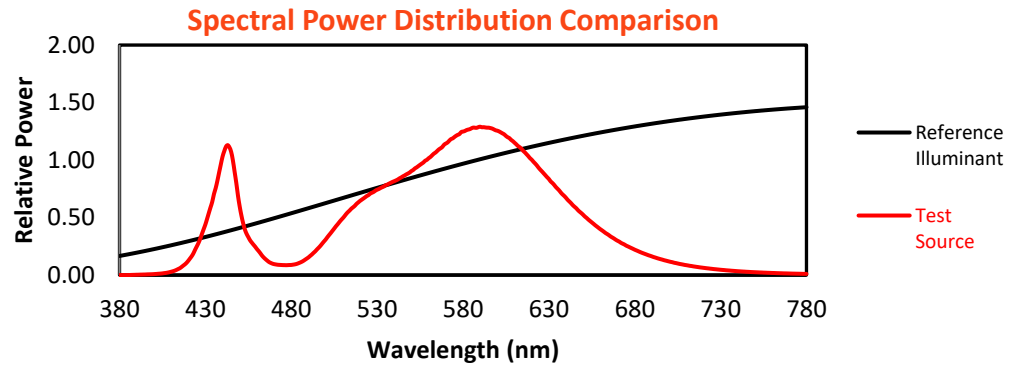
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778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

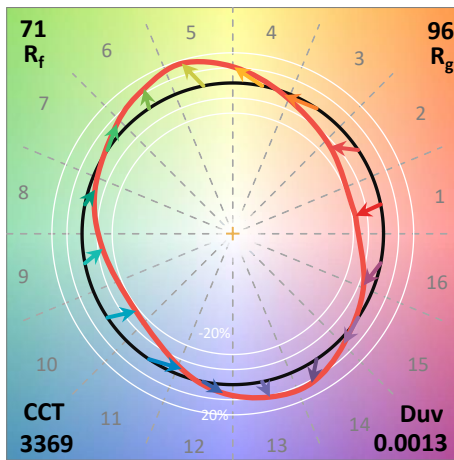
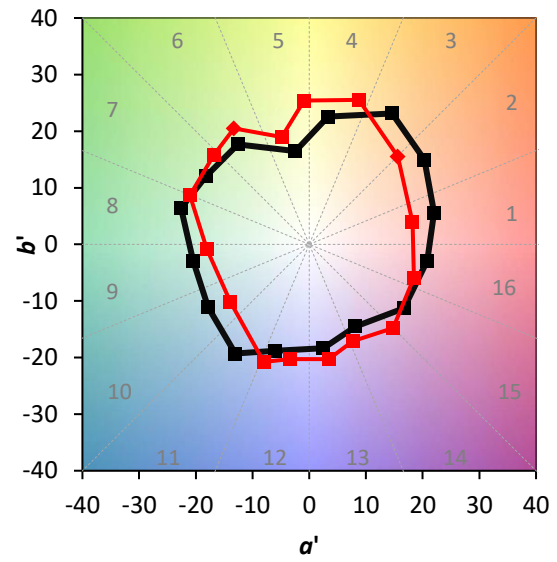
TM-30-18

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 ($R_{f,i}$)

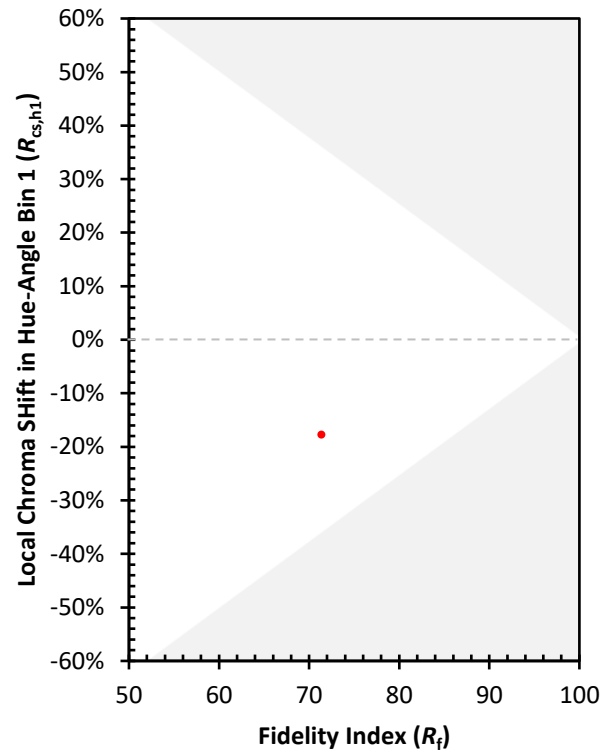
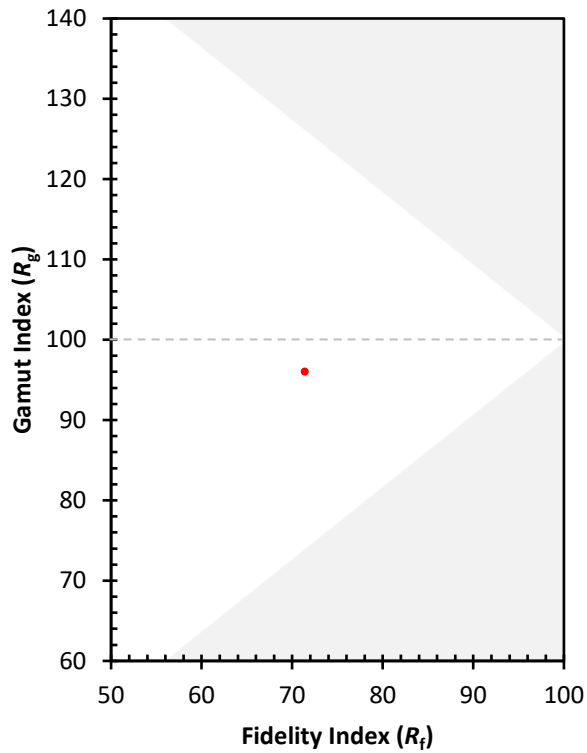
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 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)