

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: P1049023

Luminaire Tested: **GALN-SA8C-735-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049023
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8C-735-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE
70CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 39575.5 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

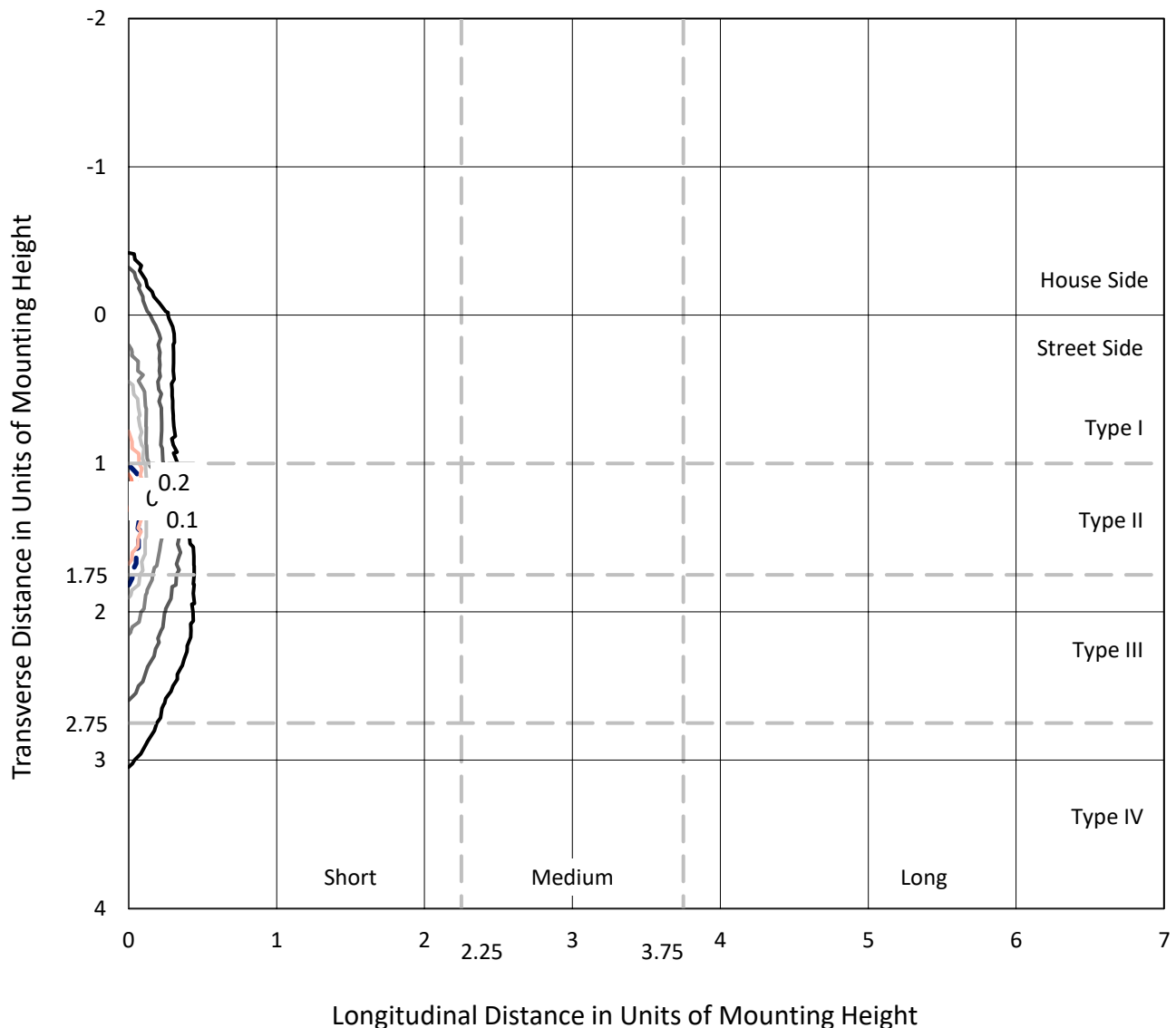
Input Watts (W): 372.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

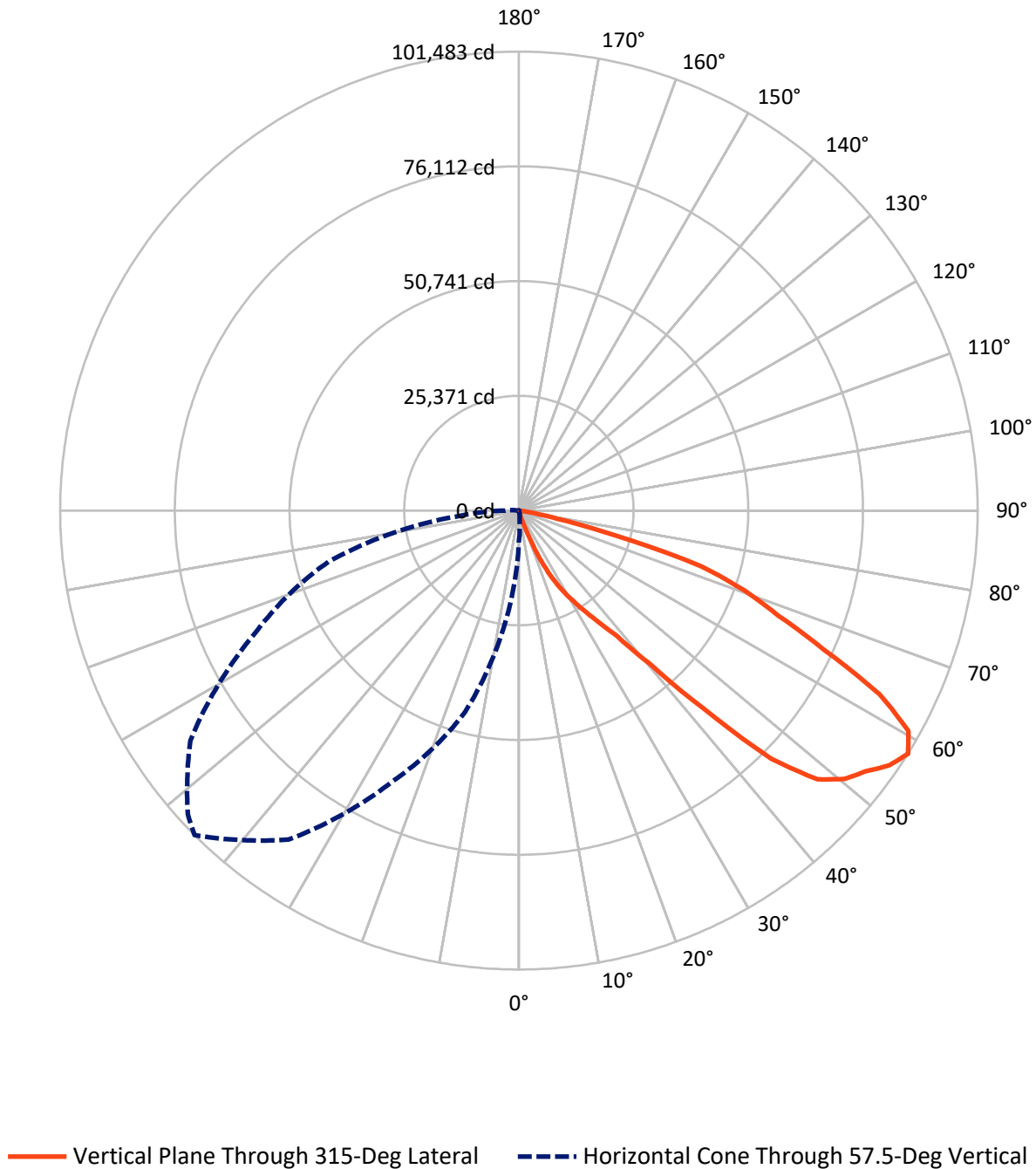


Based on 20 foot mounting height. Maximum calculated value = 5.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	198.2	0.0	198.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	39377.3	0.0	39377.3
	% Fixture	99.5	0.0	99.5
Total	Lumens	39575.5	0.0	39575.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.5	0.0
10°-20°	86.9	0.2
20°-30°	937.9	2.4
30°-40°	2773.5	7.0
40°-50°	8265.7	20.9
50°-60°	13106.5	33.1
60°-70°	10940.7	27.6
70°-80°	3373.7	8.5
80°-90°	75.0	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°	39575.5	100.0
0°-180°	39575.5	100.0



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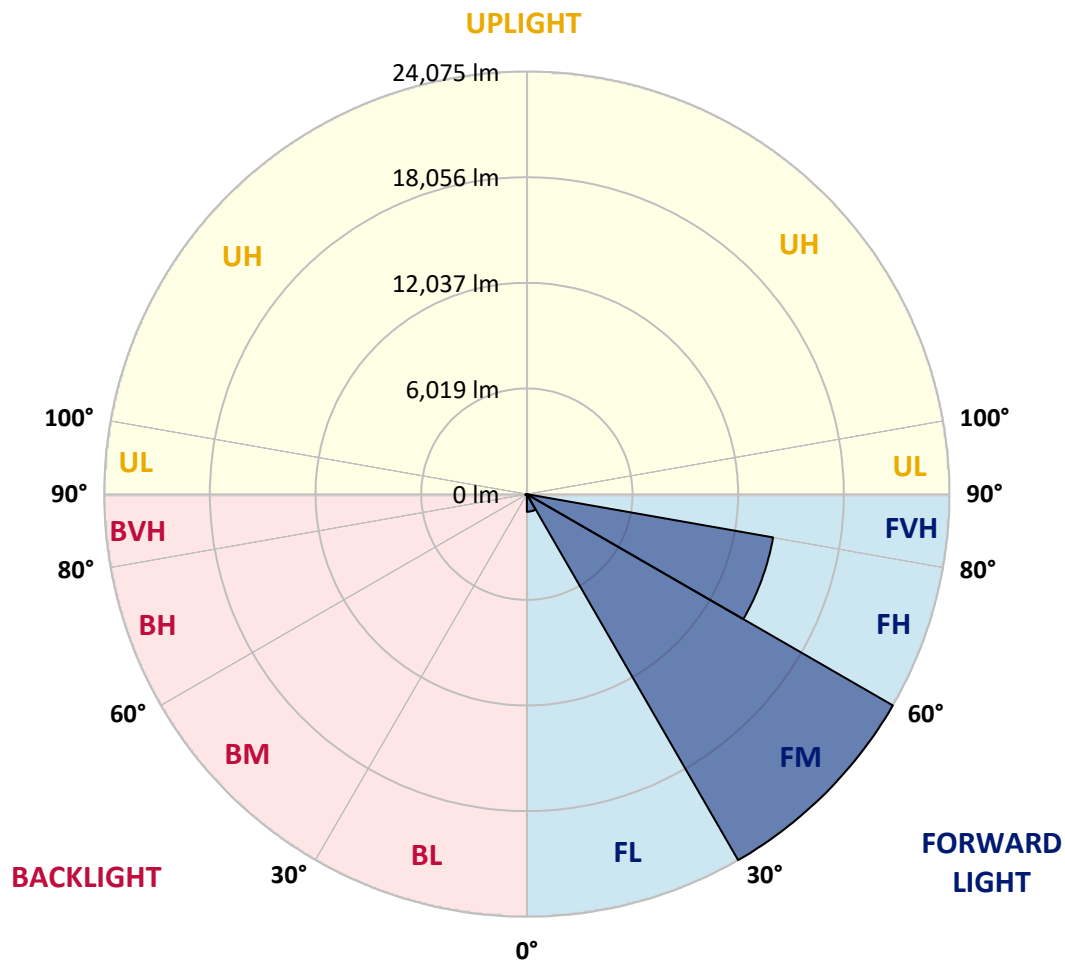
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1003.9	2.5			
FM	(30°-60°)	24074.8	60.8			
FH	(60°-80°)	14240.5	36.0			G5
FVH	(80°-90°)	58.0	0.1			G1/100
BL	(0°-30°)	36.4	0.1	B0/110		
BM	(30°-60°)	70.8	0.2	B0/220		
BH	(60°-80°)	73.9	0.2	B0/110		G0/110
BVH	(80°-90°)	17.0	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°	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5
2.5°	158.5	158.5	158.5	158.5	155.5	155.5	152.5	152.5	149.5	149.5
5°	167.5	167.5	164.5	161.5	161.5	158.5	155.5	152.5	152.5	149.5
7.5°	182.4	179.4	176.5	173.5	167.5	164.5	158.5	155.5	152.5	146.5
10°	200.4	194.4	188.4	182.4	176.5	170.5	164.5	161.5	155.5	152.5
12.5°	224.3	215.3	203.4	194.4	188.4	179.4	173.5	167.5	158.5	152.5
15°	245.2	233.3	218.3	206.4	197.4	185.4	176.5	167.5	161.5	152.5
17.5°	275.1	254.2	230.3	215.3	203.4	188.4	173.5	164.5	155.5	143.6
20°	326.0	284.1	239.3	221.3	203.4	185.4	167.5	155.5	146.5	134.6
22.5°	406.7	335.0	263.2	236.3	212.3	185.4	161.5	149.5	137.6	125.6
25°	562.2	433.6	305.0	269.2	233.3	197.4	161.5	146.5	134.6	119.6
27.5°	747.7	556.3	361.9	311.0	263.2	212.3	161.5	143.6	128.6	110.7
30°	936.1	681.9	424.7	358.9	293.1	227.3	161.5	140.6	122.6	101.7
32.5°	1115.5	798.5	478.5	400.8	323.0	242.2	164.5	140.6	116.6	92.7
35°	1298.0	894.2	487.5	406.7	326.0	242.2	161.5	134.6	110.7	83.7
37.5°	1531.2	1001.9	469.5	388.8	311.0	230.3	152.5	128.6	104.7	77.8
40°	1884.1	1181.3	478.5	394.8	311.0	227.3	143.6	119.6	98.7	74.8
42.5°	2536.1	1528.2	517.4	421.7	326.0	227.3	131.6	110.7	92.7	71.8
45°	4384.3	2539.1	693.8	550.3	406.7	263.2	119.6	101.7	86.7	68.8
47.5°	7252.4	4249.8	1247.1	963.0	681.9	397.8	116.6	101.7	86.7	68.8
50°	9256.2	5413.1	1570.1	1208.2	846.4	484.5	122.6	104.7	89.7	71.8
52.5°	9241.2	5496.9	1749.6	1342.8	939.1	532.3	128.6	110.7	95.7	77.8
55°	8215.4	5000.4	1782.4	1369.7	960.0	547.3	137.6	119.6	101.7	83.7
57.5°	6866.6	4246.8	1626.9	1259.1	894.2	526.4	158.5	137.6	119.6	98.7
60°	5431.1	3349.6	1268.1	1001.9	738.7	472.5	209.3	182.4	158.5	131.6
62.5°	3750.3	2428.4	1106.6	888.2	672.9	454.6	239.3	212.3	188.4	161.5
65°	2652.7	1827.3	998.9	813.5	631.0	445.6	260.2	230.3	203.4	173.5
67.5°	1982.8	1453.5	921.1	762.6	604.1	445.6	287.1	251.2	218.3	182.4
70°	1519.3	1193.3	864.3	735.7	610.1	481.5	352.9	302.1	254.2	203.4
72.5°	1238.1	1019.8	798.5	705.8	613.1	520.4	427.7	361.9	296.1	227.3
75°	1025.8	873.3	720.8	643.0	568.2	490.5	412.7	352.9	296.1	236.3
77.5°	681.9	622.1	559.3	514.4	469.5	421.7	376.8	326.0	278.1	227.3
80°	239.3	230.3	221.3	239.3	257.2	275.1	293.1	257.2	224.3	188.4
82.5°	35.9	32.9	29.9	32.9	35.9	38.9	41.9	44.9	47.9	50.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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°	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5
0.0	2.5°	146.5	146.5	143.6	143.6	143.6	140.6	140.6	137.6	137.6	137.6
0.0	5°	143.6	143.6	140.6	137.6	134.6	134.6	131.6	128.6	128.6	125.6
0.0	7.5°	140.6	137.6	134.6	131.6	128.6	125.6	122.6	119.6	119.6	116.6
0.0	10°	143.6	137.6	134.6	128.6	125.6	122.6	116.6	113.6	110.7	110.7
0.0	12.5°	137.6	134.6	128.6	122.6	119.6	113.6	110.7	104.7	101.7	101.7
0.0	15°	137.6	131.6	122.6	116.6	110.7	107.7	101.7	95.7	92.7	89.7
0.0	17.5°	128.6	122.6	113.6	107.7	101.7	95.7	89.7	83.7	80.7	77.8
0.0	20°	116.6	110.7	101.7	92.7	86.7	80.7	74.8	68.8	65.8	62.8
0.0	22.5°	104.7	98.7	89.7	80.7	74.8	68.8	59.8	53.8	50.8	44.9
0.0	25°	98.7	89.7	80.7	71.8	62.8	56.8	47.9	38.9	32.9	26.9
0.0	27.5°	83.7	74.8	65.8	56.8	47.9	38.9	29.9	20.9	15.0	12.0
0.0	30°	71.8	62.8	53.8	44.9	32.9	23.9	15.0	3.0	3.0	3.0
0.0	32.5°	59.8	50.8	38.9	29.9	23.9	15.0	9.0	0.0	0.0	0.0
0.0	35°	47.9	38.9	26.9	17.9	15.0	9.0	6.0	0.0	0.0	0.0
0.0	37.5°	41.9	32.9	20.9	9.0	6.0	6.0	3.0	0.0	0.0	0.0
0.0	40°	38.9	26.9	15.0	3.0	3.0	3.0	0.0	0.0	0.0	0.0
0.0	42.5°	38.9	26.9	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	38.9	26.9	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	38.9	26.9	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	41.9	29.9	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	47.9	35.9	23.9	12.0	9.0	6.0	3.0	0.0	0.0	0.0
0.0	55°	59.8	53.8	44.9	38.9	29.9	20.9	9.0	0.0	0.0	0.0
0.0	57.5°	77.8	77.8	74.8	71.8	53.8	35.9	17.9	0.0	0.0	0.0
0.0	60°	104.7	104.7	104.7	104.7	77.8	53.8	26.9	0.0	0.0	0.0
0.0	62.5°	128.6	122.6	113.6	107.7	80.7	53.8	26.9	0.0	0.0	0.0
0.0	65°	128.6	116.6	101.7	86.7	65.8	44.9	20.9	0.0	0.0	0.0
0.0	67.5°	119.6	95.7	68.8	44.9	32.9	23.9	12.0	0.0	0.0	0.0
	70°	119.6	83.7	47.9	12.0	9.0	6.0	3.0	0.0	0.0	0.0
	72.5°	119.6	80.7	38.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	131.6	89.7	44.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	131.6	89.7	44.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	116.6	77.8	38.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	38.9	26.9	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5
0.0	2.5°	134.6	134.6	134.6	131.6	131.6	131.6	131.6	128.6	128.6	128.6
0.0	5°	122.6	122.6	119.6	119.6	116.6	116.6	113.6	113.6	110.7	110.7
0.0	7.5°	113.6	110.7	110.7	107.7	104.7	104.7	101.7	101.7	98.7	95.7
0.0	10°	104.7	101.7	101.7	98.7	95.7	92.7	92.7	89.7	86.7	83.7
0.0	12.5°	95.7	92.7	89.7	86.7	83.7	80.7	80.7	77.8	74.8	71.8
0.0	15°	83.7	80.7	77.8	74.8	71.8	68.8	68.8	65.8	62.8	59.8
0.0	17.5°	71.8	68.8	68.8	65.8	62.8	59.8	56.8	50.8	47.9	44.9
0.0	20°	53.8	50.8	47.9	44.9	41.9	35.9	32.9	26.9	20.9	17.9
0.0	22.5°	35.9	29.9	26.9	20.9	15.0	12.0	9.0	3.0	0.0	0.0
0.0	25°	12.0	9.0	6.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049023

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CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5
0.0	2.5°	125.6	125.6	125.6	122.6	122.6	122.6	122.6	122.6	122.6	122.6
0.0	5°	107.7	107.7	107.7	104.7	104.7	101.7	101.7	101.7	98.7	98.7
0.0	7.5°	92.7	89.7	89.7	86.7	86.7	83.7	83.7	83.7	80.7	80.7
0.0	10°	77.8	74.8	74.8	71.8	71.8	68.8	68.8	65.8	65.8	62.8
0.0	12.5°	68.8	65.8	62.8	59.8	59.8	56.8	53.8	53.8	50.8	47.9
0.0	15°	53.8	50.8	47.9	44.9	41.9	38.9	35.9	35.9	32.9	29.9
0.0	17.5°	35.9	29.9	26.9	23.9	23.9	20.9	17.9	15.0	12.0	9.0
0.0	20°	9.0	6.0	3.0	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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REPORT NUMBER: P1049023

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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°	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5
0.0	2.5°	122.6	119.6	119.6	119.6	122.6	122.6	122.6	122.6	122.6	122.6
0.0	5°	98.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
0.0	7.5°	80.7	77.8	77.8	77.8	77.8	74.8	74.8	74.8	74.8	74.8
0.0	10°	62.8	59.8	59.8	59.8	59.8	56.8	56.8	56.8	56.8	56.8
0.0	12.5°	44.9	44.9	41.9	41.9	41.9	38.9	38.9	38.9	38.9	35.9
0.0	15°	26.9	23.9	20.9	20.9	20.9	17.9	17.9	17.9	17.9	15.0
0.0	17.5°	6.0	6.0	3.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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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°	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5
0.0	2.5°	125.6	125.6	128.6	128.6	131.6	137.6	140.6	143.6	149.5	155.5
0.0	5°	98.7	101.7	101.7	104.7	107.7	110.7	113.6	116.6	122.6	128.6
0.0	7.5°	77.8	77.8	80.7	80.7	83.7	89.7	92.7	95.7	101.7	110.7
0.0	10°	59.8	59.8	62.8	62.8	65.8	71.8	74.8	77.8	83.7	92.7
0.0	12.5°	38.9	41.9	41.9	44.9	47.9	53.8	56.8	59.8	65.8	71.8
0.0	15°	17.9	20.9	20.9	23.9	26.9	32.9	35.9	38.9	44.9	53.8
0.0	17.5°	3.0	3.0	6.0	6.0	9.0	12.0	15.0	17.9	26.9	32.9
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	12.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
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):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5
0.0	2.5°	164.5	170.5	176.5	182.4	188.4	194.4	197.4	203.4	206.4	209.3
0.0	5°	140.6	146.5	155.5	161.5	167.5	173.5	179.4	182.4	185.4	188.4
0.0	7.5°	122.6	128.6	137.6	143.6	149.5	155.5	161.5	167.5	170.5	173.5
0.0	10°	104.7	113.6	119.6	128.6	134.6	140.6	146.5	152.5	158.5	161.5
0.0	12.5°	83.7	92.7	101.7	107.7	116.6	125.6	131.6	137.6	143.6	149.5
0.0	15°	65.8	74.8	83.7	89.7	98.7	107.7	116.6	122.6	128.6	134.6
0.0	17.5°	47.9	56.8	65.8	71.8	80.7	89.7	95.7	104.7	110.7	116.6
0.0	20°	23.9	32.9	41.9	50.8	59.8	68.8	74.8	83.7	89.7	95.7
0.0	22.5°	3.0	12.0	20.9	26.9	35.9	44.9	50.8	59.8	65.8	71.8
0.0	25°	0.0	3.0	9.0	12.0	15.0	20.9	26.9	32.9	38.9	44.9
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	3.0	6.0	12.0	17.9	23.9
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
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	3.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	6.0
	85°	0.0	0.0	0.0	0.0	0.0	6.0	9.0	15.0	17.9	20.9
	87.5°	0.0	3.0	6.0	9.0	12.0	17.9	23.9	29.9	32.9	35.9
	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: P1049023

CATALOG NUMBER: GALN-SA8C-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
173.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
209.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.0	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											
3.0											
12.0											
26.9											
38.9											
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REPORT NUMBER: P1049023

CATALOG NUMBER: GALN-SA8C-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°	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5
0.0	2.5°	212.3	212.3	212.3	212.3	209.3	209.3	209.3	206.4	206.4	203.4
0.0	5°	194.4	197.4	197.4	197.4	197.4	197.4	197.4	197.4	194.4	194.4
0.0	7.5°	179.4	182.4	185.4	185.4	188.4	188.4	188.4	185.4	185.4	182.4
0.0	10°	170.5	173.5	173.5	176.5	176.5	176.5	176.5	176.5	176.5	176.5
0.0	12.5°	158.5	161.5	164.5	164.5	167.5	167.5	167.5	167.5	164.5	164.5
0.0	15°	143.6	149.5	152.5	155.5	155.5	158.5	158.5	158.5	158.5	158.5
0.0	17.5°	131.6	137.6	140.6	143.6	143.6	146.5	146.5	149.5	149.5	149.5
0.0	20°	107.7	113.6	116.6	122.6	125.6	128.6	131.6	134.6	134.6	137.6
0.0	22.5°	83.7	89.7	92.7	98.7	101.7	104.7	107.7	110.7	113.6	116.6
0.0	25°	59.8	65.8	68.8	74.8	77.8	80.7	83.7	86.7	86.7	89.7
0.0	27.5°	32.9	38.9	44.9	47.9	53.8	56.8	59.8	62.8	65.8	68.8
0.0	30°	15.0	17.9	20.9	26.9	29.9	32.9	35.9	41.9	44.9	47.9
0.0	32.5°	0.0	0.0	3.0	9.0	12.0	15.0	17.9	20.9	20.9	23.9
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.0	9.0	12.0
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°	6.0	6.0	6.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
	82.5°	15.0	17.9	20.9	20.9	23.9	23.9	23.9	23.9	20.9	20.9
	85°	29.9	32.9	35.9	35.9	38.9	38.9	38.9	38.9	38.9	38.9
	87.5°	41.9	44.9	47.9	47.9	50.8	50.8	50.8	50.8	50.8	50.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049023

CATALOG NUMBER: GALN-SA8C-735-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
173.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
203.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
194.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	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											
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0.0											
9.0											
20.9											
38.9											
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REPORT NUMBER: P1049023

CATALOG NUMBER: GALN-SA8C-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°	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5
0.0	2.5°	200.4	200.4	197.4	197.4	197.4	197.4	197.4	200.4	203.4	203.4
0.0	5°	191.4	191.4	188.4	188.4	188.4	191.4	191.4	194.4	197.4	200.4
0.0	7.5°	182.4	179.4	179.4	182.4	182.4	185.4	185.4	188.4	191.4	194.4
0.0	10°	176.5	173.5	173.5	173.5	176.5	176.5	179.4	182.4	185.4	188.4
0.0	12.5°	164.5	164.5	164.5	164.5	167.5	167.5	170.5	173.5	179.4	182.4
0.0	15°	158.5	155.5	155.5	155.5	155.5	158.5	158.5	164.5	170.5	173.5
0.0	17.5°	146.5	146.5	143.6	143.6	146.5	146.5	149.5	155.5	161.5	164.5
0.0	20°	134.6	131.6	128.6	128.6	131.6	131.6	134.6	140.6	146.5	149.5
0.0	22.5°	116.6	113.6	113.6	113.6	113.6	116.6	116.6	122.6	131.6	137.6
0.0	25°	92.7	95.7	95.7	98.7	98.7	101.7	104.7	110.7	119.6	125.6
0.0	27.5°	71.8	74.8	74.8	80.7	83.7	86.7	89.7	98.7	107.7	113.6
0.0	30°	53.8	56.8	59.8	62.8	68.8	74.8	80.7	89.7	98.7	104.7
0.0	32.5°	32.9	38.9	41.9	47.9	53.8	59.8	65.8	74.8	86.7	95.7
0.0	35°	23.9	26.9	32.9	35.9	41.9	47.9	53.8	65.8	74.8	86.7
0.0	37.5°	12.0	17.9	23.9	29.9	35.9	41.9	47.9	59.8	71.8	80.7
0.0	40°	9.0	15.0	17.9	23.9	32.9	38.9	44.9	56.8	68.8	80.7
0.0	42.5°	6.0	9.0	12.0	20.9	26.9	35.9	44.9	56.8	68.8	80.7
0.0	45°	6.0	6.0	9.0	17.9	26.9	38.9	47.9	59.8	68.8	80.7
0.0	47.5°	6.0	9.0	12.0	23.9	29.9	38.9	47.9	56.8	68.8	77.8
0.0	50°	9.0	12.0	15.0	26.9	32.9	41.9	47.9	59.8	68.8	80.7
0.0	52.5°	6.0	9.0	12.0	23.9	32.9	44.9	53.8	65.8	77.8	86.7
0.0	55°	3.0	3.0	3.0	17.9	35.9	50.8	68.8	77.8	89.7	98.7
0.0	57.5°	0.0	0.0	0.0	12.0	35.9	56.8	77.8	89.7	101.7	110.7
0.0	60°	0.0	0.0	0.0	12.0	29.9	47.9	65.8	89.7	116.6	140.6
0.0	62.5°	0.0	0.0	0.0	9.0	23.9	38.9	53.8	89.7	125.6	158.5
0.0	65°	0.0	0.0	0.0	9.0	23.9	35.9	50.8	89.7	125.6	164.5
0.0	67.5°	0.0	0.0	0.0	9.0	23.9	38.9	53.8	89.7	125.6	161.5
	70°	0.0	0.0	0.0	9.0	26.9	41.9	59.8	89.7	119.6	149.5
	72.5°	0.0	0.0	0.0	12.0	26.9	44.9	62.8	89.7	116.6	140.6
	75°	0.0	0.0	0.0	9.0	26.9	41.9	59.8	86.7	113.6	137.6
	77.5°	9.0	6.0	6.0	15.0	26.9	38.9	50.8	77.8	107.7	134.6
	80°	17.9	17.9	15.0	20.9	26.9	35.9	44.9	68.8	95.7	119.6
	82.5°	35.9	35.9	32.9	35.9	35.9	38.9	41.9	53.8	65.8	77.8
	85°	47.9	47.9	44.9	44.9	44.9	41.9	41.9	41.9	41.9	38.9
	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):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
173.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
203.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
194.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197.4											
179.4											
167.5											
164.5											
161.5											
143.6											
89.7											
38.9											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA8C-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°	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5
0.0	2.5°	209.3	212.3	212.3	215.3	218.3	221.3	221.3	224.3	224.3	224.3
0.0	5°	206.4	212.3	215.3	218.3	221.3	224.3	227.3	230.3	233.3	233.3
0.0	7.5°	203.4	206.4	212.3	215.3	221.3	224.3	230.3	233.3	236.3	239.3
0.0	10°	197.4	203.4	209.3	215.3	221.3	227.3	233.3	239.3	245.2	248.2
0.0	12.5°	191.4	200.4	206.4	212.3	221.3	230.3	236.3	245.2	251.2	257.2
0.0	15°	188.4	194.4	203.4	209.3	221.3	233.3	242.2	254.2	266.2	275.1
0.0	17.5°	179.4	191.4	200.4	209.3	221.3	236.3	248.2	260.2	278.1	296.1
0.0	20°	167.5	176.5	188.4	197.4	215.3	230.3	248.2	263.2	290.1	317.0
0.0	22.5°	155.5	167.5	176.5	188.4	209.3	227.3	248.2	266.2	311.0	352.9
0.0	25°	143.6	158.5	170.5	182.4	206.4	230.3	254.2	278.1	352.9	427.7
0.0	27.5°	137.6	149.5	164.5	176.5	206.4	239.3	269.2	299.1	418.7	535.3
0.0	30°	128.6	143.6	155.5	170.5	209.3	248.2	287.1	326.0	508.4	690.8
0.0	32.5°	119.6	134.6	149.5	164.5	215.3	266.2	314.0	364.9	604.1	840.4
0.0	35°	110.7	128.6	143.6	158.5	224.3	293.1	358.9	424.7	690.8	954.0
0.0	37.5°	107.7	125.6	140.6	155.5	227.3	296.1	367.9	436.6	699.8	963.0
0.0	40°	110.7	125.6	143.6	158.5	218.3	278.1	335.0	394.8	669.9	942.1
0.0	42.5°	110.7	128.6	146.5	164.5	212.3	260.2	308.0	355.9	660.9	966.0
0.0	45°	107.7	125.6	143.6	161.5	206.4	248.2	293.1	335.0	714.8	1091.6
0.0	47.5°	104.7	122.6	140.6	158.5	203.4	248.2	293.1	337.9	924.1	1507.3
0.0	50°	104.7	122.6	137.6	152.5	206.4	263.2	317.0	370.8	1345.8	2317.8
0.0	52.5°	110.7	125.6	137.6	149.5	212.3	278.1	340.9	403.7	1710.7	3014.6
0.0	55°	119.6	128.6	140.6	149.5	227.3	302.1	379.8	454.6	1821.3	3188.1
0.0	57.5°	131.6	140.6	149.5	158.5	254.2	349.9	442.6	538.3	1830.3	3119.3
0.0	60°	146.5	158.5	167.5	176.5	278.1	382.8	484.5	586.2	1656.8	2724.5
0.0	62.5°	179.4	194.4	206.4	221.3	320.0	415.7	514.4	610.1	1375.7	2141.3
0.0	65°	206.4	218.3	230.3	242.2	337.9	436.6	532.3	628.0	1166.4	1704.7
0.0	67.5°	212.3	224.3	233.3	245.2	343.9	442.6	538.3	637.0	998.9	1357.8
	70°	215.3	230.3	248.2	263.2	364.9	466.5	565.2	666.9	885.2	1103.6
	72.5°	206.4	236.3	263.2	290.1	385.8	478.5	574.2	666.9	822.4	978.0
	75°	206.4	248.2	287.1	326.0	397.8	466.5	538.3	607.1	726.7	846.4
	77.5°	218.3	272.2	326.0	379.8	421.7	460.6	502.4	541.3	619.1	696.8
	80°	218.3	275.1	329.0	385.8	403.7	424.7	442.6	460.6	469.5	478.5
	82.5°	188.4	233.3	278.1	323.0	302.1	281.1	260.2	239.3	224.3	206.4
	85°	95.7	104.7	110.7	116.6	107.7	98.7	89.7	80.7	74.8	65.8
	87.5°	38.9	38.9	35.9	35.9	35.9	35.9	32.9	32.9	32.9	32.9
	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

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CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
173.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
224.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
233.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
242.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
254.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
266.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
367.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
469.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
637.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
885.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1199.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1498.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1701.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1854.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2305.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2904.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4426.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6779.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8535.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8729.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7877.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6735.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5263.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3977.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2936.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2078.5											
1546.2											
1124.5											
846.4											
475.5											
215.3											
62.8											
29.9											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA8C-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°	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5
0.0	2.5°	224.3	221.3	221.3	218.3	215.3	212.3	209.3	206.4	203.4	200.4
0.0	5°	233.3	233.3	233.3	230.3	230.3	227.3	227.3	224.3	221.3	218.3
0.0	7.5°	242.2	245.2	245.2	248.2	248.2	248.2	248.2	245.2	245.2	245.2
0.0	10°	257.2	260.2	263.2	266.2	269.2	272.2	272.2	275.1	275.1	275.1
0.0	12.5°	275.1	284.1	290.1	299.1	305.0	314.0	320.0	329.0	335.0	340.9
0.0	15°	302.1	317.0	335.0	349.9	364.9	385.8	409.7	430.7	451.6	484.5
0.0	17.5°	340.9	388.8	436.6	481.5	529.4	634.0	738.7	840.4	945.1	1097.6
0.0	20°	415.7	559.3	699.8	843.4	983.9	1351.8	1716.7	2084.5	2449.4	2841.1
0.0	22.5°	583.2	936.1	1289.0	1641.9	1994.8	2763.4	3529.0	4297.6	5063.2	5963.4
0.0	25°	846.4	1495.3	2144.3	2790.3	3439.3	4641.5	5846.8	7049.0	8251.3	9420.7
0.0	27.5°	1232.2	2225.1	3218.0	4207.9	5200.8	6830.7	8463.6	10093.6	11723.5	13045.4
0.0	30°	1707.7	3053.5	4399.3	5745.1	7090.9	8945.1	10799.4	12650.6	14504.8	15949.3
0.0	32.5°	2156.3	3804.2	5452.0	7096.9	8744.8	10856.2	12970.6	15082.0	17193.4	18772.5
0.0	35°	2449.4	4441.2	6436.0	8427.7	10419.5	12704.4	14989.3	17271.2	19556.1	21359.5
0.0	37.5°	2742.5	5042.3	7339.1	9639.0	11935.8	14445.0	16954.2	19463.4	21972.6	24200.6
0.0	40°	3071.4	5769.0	8463.6	11161.2	13855.8	16828.6	19798.3	22771.1	25740.8	28884.0
0.0	42.5°	3642.7	6974.3	10308.9	13640.5	16972.1	20904.9	24837.6	28767.4	32700.1	37186.2
0.0	45°	4716.3	9411.7	14110.0	18805.4	23500.8	28710.6	33923.3	39133.1	44342.9	50312.3
0.0	47.5°	7345.1	13805.0	20261.9	26721.8	33178.6	38804.1	44426.6	50052.1	55674.6	61620.1
0.0	50°	11239.0	18757.6	26276.2	33791.7	41310.3	46400.5	51487.6	56577.8	61664.9	67320.3
0.0	52.5°	14056.2	21888.8	29724.4	37557.0	45389.6	49983.3	54580.0	59173.7	63767.4	69051.9
0.0	55°	14268.6	22056.3	29847.0	37634.8	45422.5	50037.1	54651.8	59266.4	63881.0	69482.6
0.0	57.5°	12632.6	20357.6	28079.5	35804.5	43526.4	48781.0	54032.7	59287.3	64539.0	70595.1
0.0	60°	10745.5	18473.5	26198.4	33926.3	41651.3	47704.4	53760.5	59813.7	65866.8	71540.2
0.0	62.5°	8382.9	16332.1	24284.4	32233.6	40182.8	46328.7	52474.5	58617.4	64763.3	69019.0
0.0	65°	6247.5	13966.5	21685.5	29401.4	37120.4	42043.0	46965.7	51885.4	56808.0	59442.8
0.0	67.5°	4515.9	11173.2	17827.5	24484.7	31139.0	34662.0	38185.1	41705.1	45228.1	47243.8
	70°	3053.5	7665.1	12273.8	16885.4	21494.0	24389.0	27287.0	30182.0	33077.0	35798.5
	72.5°	2114.4	4704.3	7297.3	9887.2	12477.1	15390.1	18300.0	21212.9	24122.9	27002.9
	75°	1402.6	2581.0	3762.3	4940.6	6118.9	8275.2	10434.5	12590.8	14747.1	16463.7
	77.5°	995.9	1348.8	1704.7	2057.6	2410.5	2814.2	3221.0	3624.7	4028.5	4641.5
	80°	472.5	517.4	562.2	604.1	649.0	795.5	942.1	1088.6	1235.2	1390.7
	82.5°	224.3	242.2	260.2	275.1	293.1	308.0	323.0	337.9	352.9	337.9
	85°	59.8	59.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	59.8
	87.5°	26.9	26.9	26.9	26.9	26.9	26.9	26.9	23.9	23.9	20.9
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
173.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
215.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
242.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
278.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
343.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
520.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1247.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3235.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6863.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10590.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14367.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17396.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20354.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23162.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26431.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32027.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41672.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56281.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67565.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72975.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74336.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75087.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76651.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77210.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73277.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62080.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49262.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38517.0											
29882.9											
18180.4											
5254.6											
1546.2											
320.0											
56.8											
20.9											
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°	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5
0.0	2.5°	194.4	191.4	188.4	185.4	182.4	176.5	176.5	173.5	173.5
0.0	5°	212.3	209.3	206.4	203.4	203.4	200.4	197.4	197.4	194.4
0.0	7.5°	242.2	239.3	236.3	233.3	233.3	230.3	230.3	227.3	227.3
0.0	10°	278.1	278.1	278.1	278.1	278.1	275.1	275.1	275.1	272.2
0.0	12.5°	349.9	352.9	358.9	364.9	373.8	373.8	373.8	370.8	370.8
0.0	15°	553.3	586.2	610.1	634.0	655.0	702.8	696.8	687.9	681.9
0.0	17.5°	1399.6	1549.2	1629.9	1707.7	1788.4	2009.7	1973.9	1938.0	1905.1
0.0	20°	3627.7	4019.5	4279.7	4539.9	4803.0	5218.7	5117.1	5015.4	4913.7
0.0	22.5°	7760.8	8661.0	9052.8	9444.6	9833.4	10335.8	10009.8	9683.8	9360.8
0.0	25°	11756.4	12925.7	13586.7	14247.6	14905.6	15192.7	14768.0	14340.3	13915.7
0.0	27.5°	15689.1	17011.0	17594.2	18174.4	18757.6	19358.7	18832.3	18303.0	17776.6
0.0	30°	18841.3	20285.8	20916.8	21544.9	22175.9	22594.6	22050.3	21503.0	20958.7
0.0	32.5°	21933.7	23512.8	24203.6	24894.5	25582.3	26183.4	25513.5	24840.6	24170.7
0.0	35°	24963.2	26766.6	27717.7	28668.7	29619.7	30179.0	29383.5	28585.0	27789.4
0.0	37.5°	28659.7	30887.8	31952.5	33017.2	34081.8	35101.7	34225.4	33346.1	32469.9
0.0	40°	35170.4	38313.7	39946.6	41582.5	43215.4	44531.3	43424.7	42318.2	41211.6
0.0	42.5°	46158.2	50644.2	52991.9	55336.6	57684.3	59738.9	58575.5	57412.2	56248.8
0.0	45°	62251.1	68220.5	71082.6	73941.7	76803.8	78305.1	76630.3	74952.5	73277.7
0.0	47.5°	73508.0	79453.5	82001.6	84549.6	87097.7	88811.4	86762.7	84714.1	82668.5
0.0	50°	78628.1	84283.5	86840.5	89394.5	91951.6	93312.3	90946.7	88578.1	86212.4
0.0	52.5°	79618.0	84902.5	87953.0	91006.5	94057.0	95875.3	93082.1	90285.8	87492.5
0.0	55°	80688.7	86290.2	89828.2	93369.2	96907.1	99425.3	96267.1	93106.0	89947.8
0.0	57.5°	82704.4	88760.5	92289.5	95815.5	99344.5	101482.9	98315.7	95145.6	91978.5
0.0	60°	82883.8	88554.2	91586.7	94622.3	97654.8	99000.6	95971.1	92938.5	89908.9
0.0	62.5°	77533.5	81789.2	83894.7	86000.1	88105.6	89568.0	86406.8	83242.7	80081.5
0.0	65°	64715.4	67350.2	69028.0	70705.8	72383.5	74127.1	71232.1	68337.1	65442.1
0.0	67.5°	51278.3	53294.0	55504.1	57714.2	59924.3	61787.5	59469.8	57149.0	54831.2
	70°	41238.5	43957.1	46442.3	48927.6	51412.8	52938.1	50611.3	48281.6	45954.9
	72.5°	32762.9	35643.0	37718.5	39791.1	41866.6	42240.4	40529.8	38819.1	37111.4
	75°	19894.0	21610.7	21652.6	21691.4	21733.3	22089.2	20671.6	19254.0	17839.4
	77.5°	5867.7	6480.8	6986.2	7488.7	7994.1	8604.2	8083.8	7560.4	7040.1
	80°	1698.7	1854.2	1985.8	2114.4	2246.0	2168.2	2045.6	1923.0	1800.4
	82.5°	305.0	287.1	284.1	281.1	281.1	266.2	242.2	218.3	194.4
	85°	53.8	50.8	47.9	44.9	41.9	38.9	32.9	29.9	23.9
	87.5°	17.9	15.0	12.0	9.0	9.0	3.0	3.0	3.0	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):

[illegible]

REPORT NUMBER: P1049023

CATALOG NUMBER: GALN-SA8C-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°	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5	173.5
0.0	0.0	2.5°	170.5	167.5	167.5	167.5	167.5	164.5	164.5	164.5	164.5
0.0	0.0	5°	188.4	188.4	185.4	185.4	182.4	182.4	179.4	179.4	176.5
0.0	0.0	7.5°	221.3	218.3	215.3	212.3	209.3	203.4	200.4	197.4	197.4
0.0	0.0	10°	266.2	260.2	257.2	251.2	248.2	242.2	236.3	230.3	224.3
0.0	0.0	12.5°	349.9	337.9	329.0	317.0	305.0	296.1	284.1	275.1	263.2
0.0	0.0	15°	607.1	577.2	544.3	505.4	463.6	424.7	382.8	358.9	332.0
0.0	0.0	17.5°	1552.2	1396.6	1238.1	1109.5	980.9	855.3	726.7	634.0	541.3
0.0	0.0	20°	3950.7	3520.0	3089.4	2664.7	2237.0	1812.4	1384.7	1169.4	954.0
0.0	0.0	22.5°	7434.8	6636.3	5834.8	5060.2	4282.7	3508.1	2733.5	2246.0	1761.5
0.0	0.0	25°	11475.3	10470.4	9465.5	8191.5	6914.5	5640.4	4366.4	3573.9	2781.3
0.0	0.0	27.5°	14932.5	13775.1	12617.7	11068.5	9519.3	7970.2	6421.0	5239.7	4061.3
0.0	0.0	30°	17926.2	16682.0	15437.9	13634.5	11831.1	10027.8	8224.4	6747.0	5269.6
0.0	0.0	32.5°	20522.1	19032.7	17543.4	15683.1	13822.9	11962.7	10102.5	8290.2	6477.8
0.0	0.0	35°	23515.7	21778.2	20037.6	17974.0	15907.4	13843.9	11780.3	9734.7	7686.1
0.0	0.0	37.5°	27319.9	25187.5	23052.2	20752.4	18452.5	16155.7	13855.8	11517.1	9178.4
0.0	0.0	40°	34602.2	31850.8	29099.4	26177.5	23252.6	20330.7	17408.8	14537.7	11666.7
0.0	0.0	42.5°	47650.6	43933.1	40215.7	36327.8	32437.0	28549.1	24658.2	20608.8	16556.4
0.0	0.0	45°	62376.7	57765.1	53150.4	48787.0	44420.6	40057.2	35693.8	30137.1	24580.4
0.0	0.0	47.5°	70657.9	65678.4	60698.9	56568.8	52438.7	48308.5	44178.4	38188.0	32197.7
0.0	0.0	50°	73705.4	68636.2	63567.0	59765.8	55961.7	52160.5	48356.4	42357.1	36354.8
0.0	0.0	52.5°	74354.4	69183.5	64012.6	60187.5	56362.4	52540.3	48715.3	42754.8	36794.4
0.0	0.0	55°	75688.2	70140.5	64589.8	60229.4	55869.0	51508.6	47148.1	41092.0	35035.9
0.0	0.0	57.5°	77431.8	71743.5	66055.2	61087.7	56120.2	51155.7	46188.1	39566.8	32945.4
0.0	0.0	60°	76974.2	72024.6	67072.1	61751.6	56428.2	51107.8	45784.4	38502.1	31216.8
0.0	0.0	62.5°	69031.0	65089.2	61144.5	56769.2	52390.8	48015.4	43640.1	36142.4	28644.8
0.0	0.0	65°	56790.1	53913.1	51036.0	47516.0	43993.0	40472.9	36952.9	30229.8	23509.8
0.0	0.0	67.5°	46026.6	42784.7	39539.8	36734.6	33926.3	31121.1	28312.8	23022.3	17731.8
		70°	36567.1	33041.1	29512.1	26772.6	24030.1	21290.7	18551.2	15034.2	11520.1
		72.5°	29039.5	25860.4	22681.3	19759.4	16834.6	13912.7	10987.8	8909.2	6830.7
		75°	13879.8	12608.7	11337.7	9809.4	8281.2	6753.0	5224.7	4318.5	3415.4
		77.5°	5144.0	4459.1	3771.3	3149.2	2527.1	1908.1	1286.0	1178.3	1070.7
		80°	1330.9	1160.4	986.9	864.3	738.7	616.1	493.5	445.6	400.8
		82.5°	152.5	140.6	131.6	125.6	116.6	110.7	101.7	92.7	83.7
		85°	9.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049023

CATALOG NUMBER: GALN-SA8C-735-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	173.5	173.5
0.0	0.0	2.5°	161.5	158.5
0.0	0.0	5°	170.5	167.5
0.0	0.0	7.5°	188.4	182.4
0.0	0.0	10°	206.4	200.4
0.0	0.0	12.5°	233.3	224.3
0.0	0.0	15°	263.2	245.2
0.0	0.0	17.5°	314.0	275.1
0.0	0.0	20°	424.7	326.0
0.0	0.0	22.5°	598.1	406.7
0.0	0.0	25°	879.3	562.2
0.0	0.0	27.5°	1223.2	747.7
0.0	0.0	30°	1626.9	936.1
0.0	0.0	32.5°	1982.8	1115.5
0.0	0.0	35°	2446.4	1298.0
0.0	0.0	37.5°	3017.6	1531.2
0.0	0.0	40°	3902.8	1884.1
0.0	0.0	42.5°	5496.9	2536.1
0.0	0.0	45°	8927.2	4384.3
0.0	0.0	47.5°	13736.2	7252.4
0.0	0.0	50°	16804.7	9256.2
0.0	0.0	52.5°	17055.9	9241.2
0.0	0.0	55°	15569.5	8215.4
0.0	0.0	57.5°	13284.6	6866.6
0.0	0.0	60°	11041.6	5431.1
0.0	0.0	62.5°	8699.9	3750.3
0.0	0.0	65°	6358.2	2652.7
0.0	0.0	67.5°	4566.8	1982.8
		70°	3002.6	1519.3
		72.5°	1955.9	1238.1
		75°	1315.9	1025.8
		77.5°	768.6	681.9
		80°	272.2	239.3
		82.5°	50.8	35.9
		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: P1049023

CATALOG NUMBER: GALN-SA8C-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
 CIE u' : 0.2386
 CIE v' : 0.5156
 Duv: 0.0013
 CIE x: 0.4143
 CIE y: 0.3980
 CIE z: 0.1877
 Peak Wavelength (nm): 590
 Dominant Wavelength (nm): 580
 Purity: 43.80166
 R_f: 71.4
 R_g: 96

CRI (Ra): 70.1
 R1: 66.6
 R2: 77.6
 R3: 88.5
 R4: 69.5
 R5: 66.4
 R6: 69.6
 R7: 77.5
 R8: 44.9
 R9: -40.2
 R10: 49.1
 R11: 66.3
 R12: 45.7
 R13: 68.0
 R14: 93.4
 R15: 57.6



Test Conditions

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

REPORT NUMBER: SP1-2407-184-5

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

REPORT NUMBER: SP1-2407-184-5

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength



Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.29

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

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.36

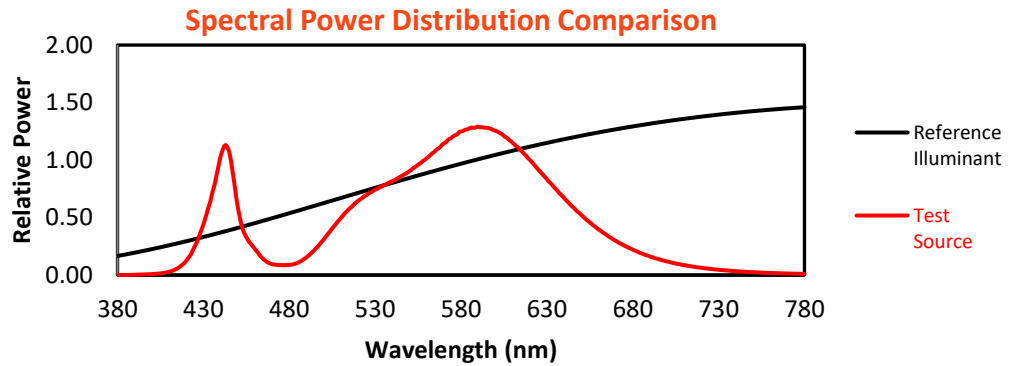
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778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

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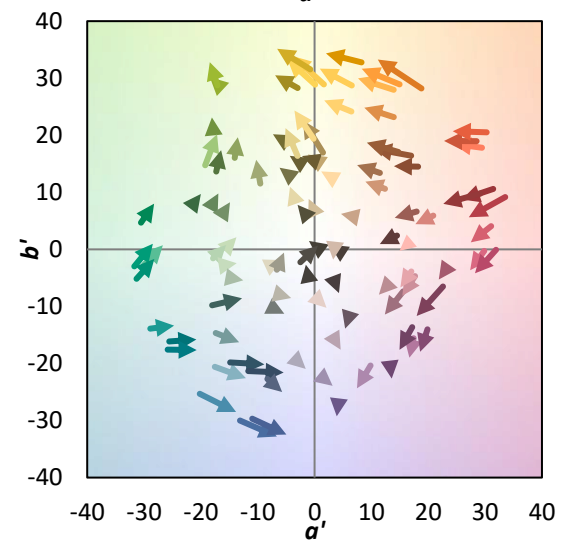
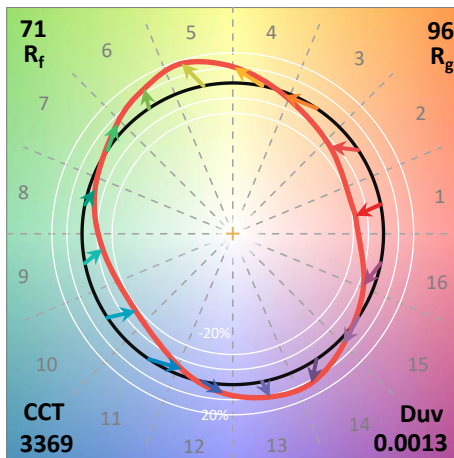
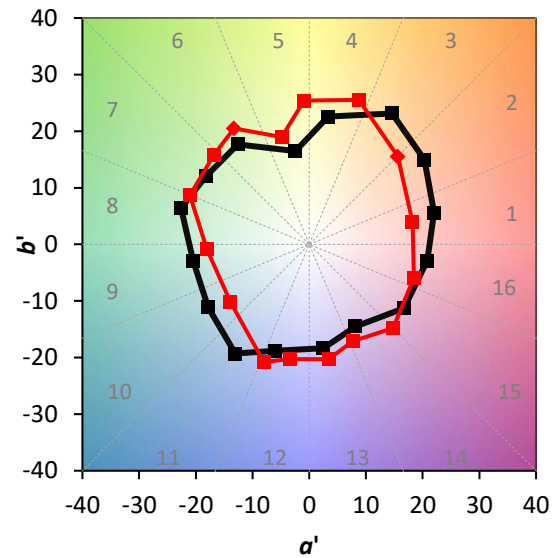
TM-30-18

Summary

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



Color Vector Graphics



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

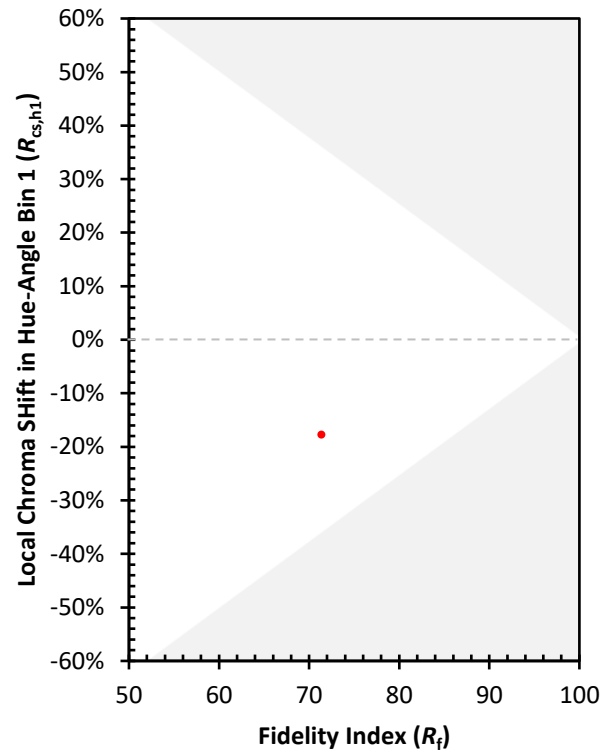
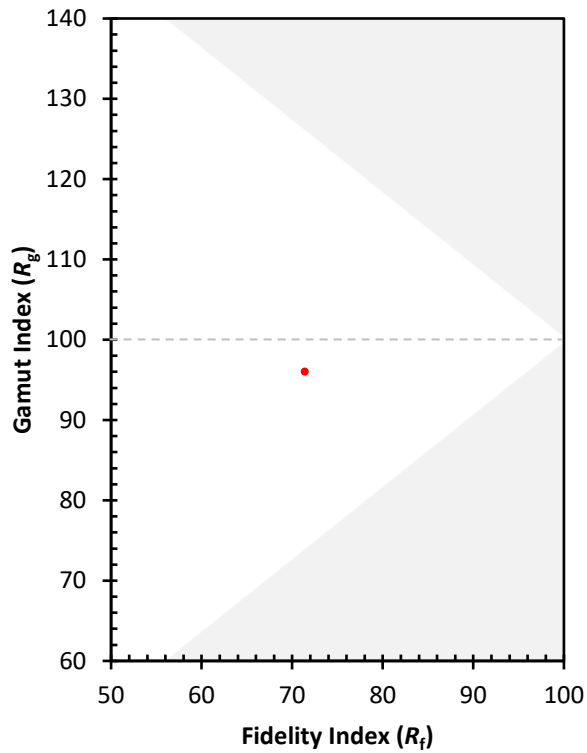
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)