

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: P1049011

Luminaire Tested: **GALN-SA5C-735-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049011
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5C-735-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE
70CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

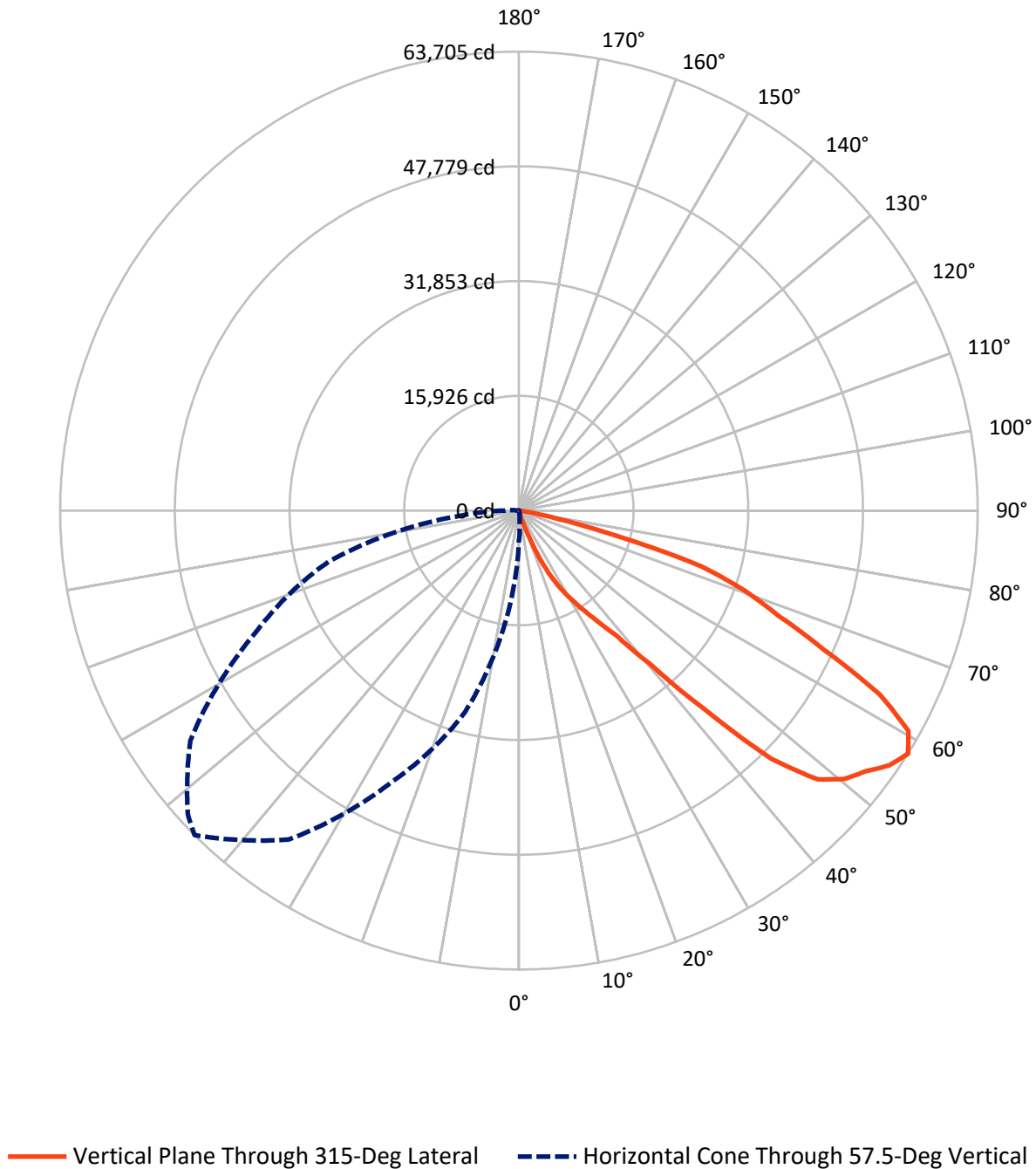
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24843.3 lumens
Efficiency: N/A
Efficacy: 105.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 236
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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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	124.4	0.0	124.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	24718.9	0.0	24718.9
	% Fixture	99.5	0.0	99.5
Total	Lumens	24843.3	0.0	24843.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.7	0.0
10°-20°	54.6	0.2
20°-30°	588.8	2.4
30°-40°	1741.0	7.0
40°-50°	5188.8	20.9
50°-60°	8227.5	33.1
60°-70°	6868.0	27.6
70°-80°	2117.8	8.5
80°-90°	47.1	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°	24843.3	100.0
0°-180°	24843.3	100.0

Coefficient of Utilization



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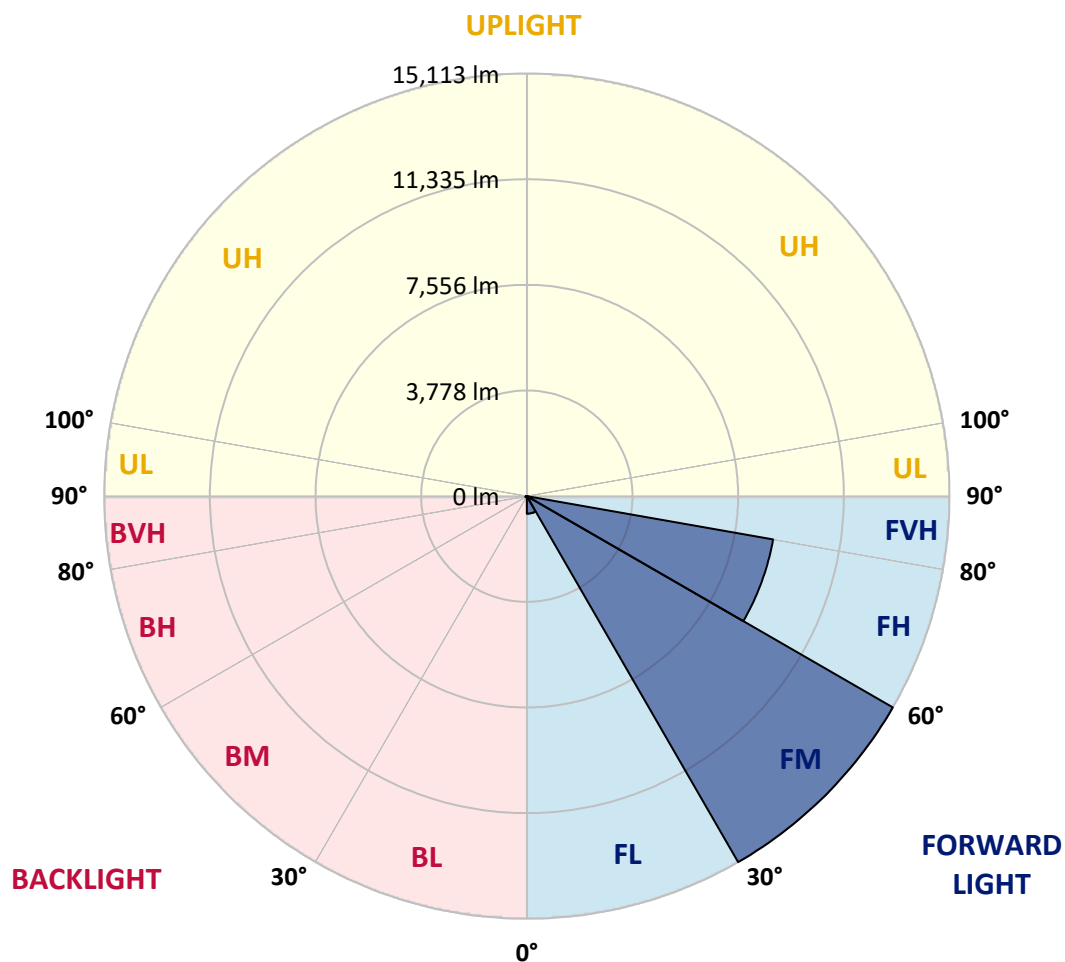
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	630.2	2.5			
FM	(30°-60°)	15112.9	60.8			
FH	(60°-80°)	8939.4	36.0			G4/12000
FVH	(80°-90°)	36.4	0.1			G1/100
BL	(0°-30°)	22.8	0.1	B0/110		
BM	(30°-60°)	44.5	0.2	B0/220		
BH	(60°-80°)	46.4	0.2	B0/110		G0/110
BVH	(80°-90°)	10.7	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-G4

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°	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9
2.5°	99.5	99.5	99.5	99.5	97.6	97.6	95.7	95.7	93.9	93.9
5°	105.1	105.1	103.3	101.4	101.4	99.5	97.6	95.7	95.7	93.9
7.5°	114.5	112.6	110.8	108.9	105.1	103.3	99.5	97.6	95.7	92.0
10°	125.8	122.0	118.3	114.5	110.8	107.0	103.3	101.4	97.6	95.7
12.5°	140.8	135.2	127.7	122.0	118.3	112.6	108.9	105.1	99.5	95.7
15°	153.9	146.4	137.0	129.5	123.9	116.4	110.8	105.1	101.4	95.7
17.5°	172.7	159.6	144.6	135.2	127.7	118.3	108.9	103.3	97.6	90.1
20°	204.6	178.4	150.2	138.9	127.7	116.4	105.1	97.6	92.0	84.5
22.5°	255.3	210.3	165.2	148.3	133.3	116.4	101.4	93.9	86.4	78.9
25°	352.9	272.2	191.5	169.0	146.4	123.9	101.4	92.0	84.5	75.1
27.5°	469.3	349.2	227.2	195.2	165.2	133.3	101.4	90.1	80.7	69.5
30°	587.6	428.0	266.6	225.3	184.0	142.7	101.4	88.2	77.0	63.8
32.5°	700.3	501.3	300.4	251.6	202.8	152.1	103.3	88.2	73.2	58.2
35°	814.8	561.3	306.0	255.3	204.6	152.1	101.4	84.5	69.5	52.6
37.5°	961.2	628.9	294.7	244.1	195.2	144.6	95.7	80.7	65.7	48.8
40°	1182.8	741.6	300.4	247.8	195.2	142.7	90.1	75.1	62.0	46.9
42.5°	1592.0	959.3	324.8	264.7	204.6	142.7	82.6	69.5	58.2	45.1
45°	2752.2	1593.9	435.6	345.4	255.3	165.2	75.1	63.8	54.4	43.2
47.5°	4552.7	2667.8	782.9	604.5	428.0	249.7	73.2	63.8	54.4	43.2
50°	5810.5	3398.1	985.6	758.5	531.3	304.1	77.0	65.7	56.3	45.1
52.5°	5801.1	3450.6	1098.3	842.9	589.5	334.2	80.7	69.5	60.1	48.8
55°	5157.2	3139.0	1118.9	859.8	602.6	343.6	86.4	75.1	63.8	52.6
57.5°	4310.5	2665.9	1021.3	790.4	561.3	330.4	99.5	86.4	75.1	62.0
60°	3409.3	2102.7	796.0	628.9	463.7	296.6	131.4	114.5	99.5	82.6
62.5°	2354.2	1524.4	694.6	557.6	422.4	285.4	150.2	133.3	118.3	101.4
65°	1665.2	1147.1	627.0	510.6	396.1	279.7	163.3	144.6	127.7	108.9
67.5°	1244.7	912.4	578.2	478.7	379.2	279.7	180.2	157.7	137.0	114.5
70°	953.7	749.1	542.6	461.8	383.0	302.3	221.5	189.6	159.6	127.7
72.5°	777.2	640.2	501.3	443.1	384.9	326.7	268.5	227.2	185.9	142.7
75°	643.9	548.2	452.4	403.6	356.7	307.9	259.1	221.5	185.9	148.3
77.5°	428.0	390.5	351.1	322.9	294.7	264.7	236.6	204.6	174.6	142.7
80°	150.2	144.6	138.9	150.2	161.5	172.7	184.0	161.5	140.8	118.3
82.5°	22.5	20.7	18.8	20.7	22.5	24.4	26.3	28.2	30.0	31.9
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°	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9
0.0	2.5°	92.0	92.0	90.1	90.1	90.1	88.2	88.2	86.4	86.4
0.0	5°	90.1	90.1	88.2	86.4	84.5	84.5	82.6	80.7	80.7
0.0	7.5°	88.2	86.4	84.5	82.6	80.7	78.9	77.0	75.1	75.1
0.0	10°	90.1	86.4	84.5	80.7	78.9	77.0	73.2	71.3	69.5
0.0	12.5°	86.4	84.5	80.7	77.0	75.1	71.3	69.5	65.7	63.8
0.0	15°	86.4	82.6	77.0	73.2	69.5	67.6	63.8	60.1	58.2
0.0	17.5°	80.7	77.0	71.3	67.6	63.8	60.1	56.3	52.6	50.7
0.0	20°	73.2	69.5	63.8	58.2	54.4	50.7	46.9	43.2	41.3
0.0	22.5°	65.7	62.0	56.3	50.7	46.9	43.2	37.5	33.8	31.9
0.0	25°	62.0	56.3	50.7	45.1	39.4	35.7	30.0	24.4	20.7
0.0	27.5°	52.6	46.9	41.3	35.7	30.0	24.4	18.8	13.1	9.4
0.0	30°	45.1	39.4	33.8	28.2	20.7	15.0	9.4	1.9	1.9
0.0	32.5°	37.5	31.9	24.4	18.8	15.0	9.4	5.6	0.0	0.0
0.0	35°	30.0	24.4	16.9	11.3	9.4	5.6	3.8	0.0	0.0
0.0	37.5°	26.3	20.7	13.1	5.6	3.8	1.9	0.0	0.0	0.0
0.0	40°	24.4	16.9	9.4	1.9	1.9	0.0	0.0	0.0	0.0
0.0	42.5°	24.4	16.9	7.5	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	24.4	16.9	7.5	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	24.4	16.9	7.5	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	26.3	18.8	9.4	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	30.0	22.5	15.0	7.5	5.6	3.8	1.9	0.0	0.0
0.0	55°	37.5	33.8	28.2	24.4	18.8	13.1	5.6	0.0	0.0
0.0	57.5°	48.8	48.8	46.9	45.1	33.8	22.5	11.3	0.0	0.0
0.0	60°	65.7	65.7	65.7	65.7	48.8	33.8	16.9	0.0	0.0
0.0	62.5°	80.7	77.0	71.3	67.6	50.7	33.8	16.9	0.0	0.0
0.0	65°	80.7	73.2	63.8	54.4	41.3	28.2	13.1	0.0	0.0
0.0	67.5°	75.1	60.1	43.2	28.2	20.7	15.0	7.5	0.0	0.0
	70°	75.1	52.6	30.0	7.5	5.6	3.8	1.9	0.0	0.0
	72.5°	75.1	50.7	24.4	0.0	0.0	0.0	0.0	0.0	0.0
	75°	82.6	56.3	28.2	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	82.6	56.3	28.2	0.0	0.0	0.0	0.0	0.0	0.0
	80°	73.2	48.8	24.4	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	24.4	16.9	7.5	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
	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):

[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°	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9
0.0	2.5°	84.5	84.5	84.5	82.6	82.6	82.6	82.6	80.7	80.7	80.7
0.0	5°	77.0	77.0	75.1	75.1	73.2	73.2	71.3	71.3	69.5	69.5
0.0	7.5°	71.3	69.5	69.5	67.6	65.7	65.7	63.8	63.8	62.0	60.1
0.0	10°	65.7	63.8	63.8	62.0	60.1	58.2	58.2	56.3	54.4	52.6
0.0	12.5°	60.1	58.2	56.3	54.4	52.6	50.7	50.7	48.8	46.9	45.1
0.0	15°	52.6	50.7	48.8	46.9	45.1	43.2	43.2	41.3	39.4	37.5
0.0	17.5°	45.1	43.2	43.2	41.3	39.4	37.5	35.7	31.9	30.0	28.2
0.0	20°	33.8	31.9	30.0	28.2	26.3	22.5	20.7	16.9	13.1	11.3
0.0	22.5°	22.5	18.8	16.9	13.1	9.4	7.5	5.6	1.9	0.0	0.0
0.0	25°	7.5	5.6	3.8	1.9	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: P1049011

CATALOG NUMBER: GALN-SA5C-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049011

CATALOG NUMBER: GALN-SA5C-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°	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9
0.0	2.5°	78.9	78.9	78.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
0.0	5°	67.6	67.6	67.6	65.7	65.7	63.8	63.8	63.8	62.0	62.0
0.0	7.5°	58.2	56.3	56.3	54.4	54.4	52.6	52.6	52.6	50.7	50.7
0.0	10°	48.8	46.9	46.9	45.1	45.1	43.2	43.2	41.3	41.3	39.4
0.0	12.5°	43.2	41.3	39.4	37.5	37.5	35.7	33.8	33.8	31.9	30.0
0.0	15°	33.8	31.9	30.0	28.2	26.3	24.4	22.5	22.5	20.7	18.8
0.0	17.5°	22.5	18.8	16.9	15.0	15.0	13.1	11.3	9.4	7.5	5.6
0.0	20°	5.6	3.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049011

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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°	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9
0.0	2.5°	77.0	75.1	75.1	75.1	77.0	77.0	77.0	77.0	77.0	77.0
0.0	5°	62.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
0.0	7.5°	50.7	48.8	48.8	48.8	48.8	46.9	46.9	46.9	46.9	46.9
0.0	10°	39.4	37.5	37.5	37.5	37.5	35.7	35.7	35.7	35.7	35.7
0.0	12.5°	28.2	28.2	26.3	26.3	26.3	24.4	24.4	24.4	24.4	22.5
0.0	15°	16.9	15.0	13.1	13.1	13.1	11.3	11.3	11.3	11.3	9.4
0.0	17.5°	3.8	3.8	1.9	1.9	1.9	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°	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9
0.0	2.5°	78.9	78.9	80.7	80.7	82.6	86.4	88.2	90.1	93.9	97.6
0.0	5°	62.0	63.8	63.8	65.7	67.6	69.5	71.3	73.2	77.0	80.7
0.0	7.5°	48.8	48.8	50.7	50.7	52.6	56.3	58.2	60.1	63.8	69.5
0.0	10°	37.5	37.5	39.4	39.4	41.3	45.1	46.9	48.8	52.6	58.2
0.0	12.5°	24.4	26.3	26.3	28.2	30.0	33.8	35.7	37.5	41.3	45.1
0.0	15°	11.3	13.1	13.1	15.0	16.9	20.7	22.5	24.4	28.2	33.8
0.0	17.5°	1.9	1.9	3.8	3.8	5.6	7.5	9.4	11.3	16.9	20.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	7.5
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9
0.0	2.5°	103.3	107.0	110.8	114.5	118.3	122.0	123.9	127.7	129.5	131.4
0.0	5°	88.2	92.0	97.6	101.4	105.1	108.9	112.6	114.5	116.4	118.3
0.0	7.5°	77.0	80.7	86.4	90.1	93.9	97.6	101.4	105.1	107.0	108.9
0.0	10°	65.7	71.3	75.1	80.7	84.5	88.2	92.0	95.7	99.5	101.4
0.0	12.5°	52.6	58.2	63.8	67.6	73.2	78.9	82.6	86.4	90.1	93.9
0.0	15°	41.3	46.9	52.6	56.3	62.0	67.6	73.2	77.0	80.7	84.5
0.0	17.5°	30.0	35.7	41.3	45.1	50.7	56.3	60.1	65.7	69.5	73.2
0.0	20°	15.0	20.7	26.3	31.9	37.5	43.2	46.9	52.6	56.3	60.1
0.0	22.5°	1.9	7.5	13.1	16.9	22.5	28.2	31.9	37.5	41.3	45.1
0.0	25°	0.0	1.9	5.6	7.5	9.4	13.1	16.9	20.7	24.4	28.2
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.9	3.8	7.5	11.3	15.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.9	3.8
	85°	0.0	0.0	0.0	0.0	0.0	3.8	5.6	9.4	11.3	13.1
	87.5°	0.0	1.9	3.8	5.6	7.5	11.3	15.0	18.8	20.7	22.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049011

CATALOG NUMBER: GALN-SA5C-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
108.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.9											
7.5											
16.9											
24.4											
0.0											
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REPORT NUMBER: P1049011

CATALOG NUMBER: GALN-SA5C-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°	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9
0.0	2.5°	133.3	133.3	133.3	133.3	131.4	131.4	131.4	129.5	129.5	127.7
0.0	5°	122.0	123.9	123.9	123.9	123.9	123.9	123.9	123.9	122.0	122.0
0.0	7.5°	112.6	114.5	116.4	116.4	118.3	118.3	118.3	116.4	116.4	114.5
0.0	10°	107.0	108.9	108.9	110.8	110.8	110.8	110.8	110.8	110.8	110.8
0.0	12.5°	99.5	101.4	103.3	103.3	105.1	105.1	105.1	105.1	103.3	103.3
0.0	15°	90.1	93.9	95.7	97.6	97.6	99.5	99.5	99.5	99.5	99.5
0.0	17.5°	82.6	86.4	88.2	90.1	90.1	92.0	92.0	93.9	93.9	93.9
0.0	20°	67.6	71.3	73.2	77.0	78.9	80.7	82.6	84.5	84.5	86.4
0.0	22.5°	52.6	56.3	58.2	62.0	63.8	65.7	67.6	69.5	71.3	73.2
0.0	25°	37.5	41.3	43.2	46.9	48.8	50.7	52.6	54.4	54.4	56.3
0.0	27.5°	20.7	24.4	28.2	30.0	33.8	35.7	37.5	39.4	41.3	43.2
0.0	30°	9.4	11.3	13.1	16.9	18.8	20.7	22.5	26.3	28.2	30.0
0.0	32.5°	0.0	0.0	1.9	5.6	7.5	9.4	11.3	13.1	13.1	15.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.8	5.6	7.5
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	3.8	3.8	3.8	5.6	5.6	5.6	5.6	5.6	5.6	5.6
	82.5°	9.4	11.3	13.1	13.1	15.0	15.0	15.0	15.0	13.1	13.1
	85°	18.8	20.7	22.5	22.5	24.4	24.4	24.4	24.4	24.4	24.4
	87.5°	26.3	28.2	30.0	30.0	31.9	31.9	31.9	31.9	31.9	31.9
	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: P1049011

CATALOG NUMBER: GALN-SA5C-735-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
108.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	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											
5.6											
13.1											
24.4											
31.9											
0.0											
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REPORT NUMBER: P1049011

CATALOG NUMBER: GALN-SA5C-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°	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9
0.0	2.5°	125.8	125.8	123.9	123.9	123.9	123.9	123.9	125.8	127.7	127.7
0.0	5°	120.2	120.2	118.3	118.3	118.3	120.2	120.2	122.0	123.9	125.8
0.0	7.5°	114.5	112.6	112.6	114.5	114.5	116.4	116.4	118.3	120.2	122.0
0.0	10°	110.8	108.9	108.9	108.9	110.8	110.8	112.6	114.5	116.4	118.3
0.0	12.5°	103.3	103.3	103.3	103.3	105.1	105.1	107.0	108.9	112.6	114.5
0.0	15°	99.5	97.6	97.6	97.6	97.6	99.5	99.5	103.3	107.0	108.9
0.0	17.5°	92.0	92.0	90.1	90.1	92.0	92.0	93.9	97.6	101.4	103.3
0.0	20°	84.5	82.6	80.7	80.7	82.6	82.6	84.5	88.2	92.0	93.9
0.0	22.5°	73.2	71.3	71.3	71.3	71.3	73.2	73.2	77.0	82.6	86.4
0.0	25°	58.2	60.1	60.1	62.0	62.0	63.8	65.7	69.5	75.1	78.9
0.0	27.5°	45.1	46.9	46.9	50.7	52.6	54.4	56.3	62.0	67.6	71.3
0.0	30°	33.8	35.7	37.5	39.4	43.2	46.9	50.7	56.3	62.0	65.7
0.0	32.5°	20.7	24.4	26.3	30.0	33.8	37.5	41.3	46.9	54.4	60.1
0.0	35°	15.0	16.9	20.7	22.5	26.3	30.0	33.8	41.3	46.9	54.4
0.0	37.5°	7.5	11.3	15.0	18.8	22.5	26.3	30.0	37.5	45.1	50.7
0.0	40°	5.6	9.4	11.3	15.0	20.7	24.4	28.2	35.7	43.2	50.7
0.0	42.5°	3.8	5.6	7.5	13.1	16.9	22.5	28.2	35.7	43.2	50.7
0.0	45°	3.8	3.8	5.6	11.3	16.9	24.4	30.0	37.5	43.2	50.7
0.0	47.5°	3.8	5.6	7.5	15.0	18.8	24.4	30.0	35.7	43.2	48.8
0.0	50°	5.6	7.5	9.4	16.9	20.7	26.3	30.0	37.5	43.2	50.7
0.0	52.5°	3.8	5.6	7.5	15.0	20.7	28.2	33.8	41.3	48.8	54.4
0.0	55°	1.9	1.9	1.9	11.3	22.5	31.9	43.2	48.8	56.3	62.0
0.0	57.5°	0.0	0.0	0.0	7.5	22.5	35.7	48.8	56.3	63.8	69.5
0.0	60°	0.0	0.0	0.0	7.5	22.5	35.7	48.8	58.2	67.6	77.0
0.0	62.5°	0.0	0.0	0.0	7.5	18.8	30.0	41.3	56.3	73.2	88.2
0.0	65°	0.0	0.0	0.0	5.6	15.0	24.4	33.8	56.3	78.9	99.5
0.0	67.5°	0.0	0.0	0.0	5.6	15.0	22.5	31.9	56.3	78.9	103.3
	70°	0.0	0.0	0.0	5.6	15.0	24.4	33.8	56.3	78.9	101.4
	72.5°	0.0	0.0	0.0	5.6	16.9	26.3	37.5	56.3	75.1	93.9
	75°	0.0	0.0	0.0	7.5	16.9	28.2	39.4	56.3	73.2	88.2
	77.5°	0.0	0.0	0.0	5.6	16.9	26.3	37.5	54.4	71.3	86.4
	80°	5.6	3.8	3.8	9.4	16.9	24.4	31.9	48.8	67.6	84.5
	82.5°	11.3	11.3	9.4	13.1	16.9	22.5	28.2	43.2	60.1	75.1
	85°	22.5	22.5	20.7	22.5	22.5	24.4	26.3	33.8	41.3	48.8
	87.5°	30.0	30.0	28.2	28.2	28.2	26.3	26.3	26.3	26.3	24.4
	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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CATALOG NUMBER: GALN-SA5C-735-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
108.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.9											
112.6											
105.1											
103.3											
101.4											
90.1											
56.3											
24.4											
0.0											
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REPORT NUMBER: P1049011

CATALOG NUMBER: GALN-SA5C-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°	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9
0.0	2.5°	131.4	133.3	133.3	135.2	137.0	138.9	138.9	140.8	140.8	140.8
0.0	5°	129.5	133.3	135.2	137.0	138.9	140.8	142.7	144.6	146.4	146.4
0.0	7.5°	127.7	129.5	133.3	135.2	138.9	140.8	144.6	146.4	148.3	150.2
0.0	10°	123.9	127.7	131.4	135.2	138.9	142.7	146.4	150.2	153.9	155.8
0.0	12.5°	120.2	125.8	129.5	133.3	138.9	144.6	148.3	153.9	157.7	161.5
0.0	15°	118.3	122.0	127.7	131.4	138.9	146.4	152.1	159.6	167.1	172.7
0.0	17.5°	112.6	120.2	125.8	131.4	138.9	148.3	155.8	163.3	174.6	185.9
0.0	20°	105.1	110.8	118.3	123.9	135.2	144.6	155.8	165.2	182.1	199.0
0.0	22.5°	97.6	105.1	110.8	118.3	131.4	142.7	155.8	167.1	195.2	221.5
0.0	25°	90.1	99.5	107.0	114.5	129.5	144.6	159.6	174.6	221.5	268.5
0.0	27.5°	86.4	93.9	103.3	110.8	129.5	150.2	169.0	187.7	262.8	336.1
0.0	30°	80.7	90.1	97.6	107.0	131.4	155.8	180.2	204.6	319.2	433.7
0.0	32.5°	75.1	84.5	93.9	103.3	135.2	167.1	197.1	229.0	379.2	527.5
0.0	35°	69.5	80.7	90.1	99.5	140.8	184.0	225.3	266.6	433.7	598.9
0.0	37.5°	67.6	78.9	88.2	97.6	142.7	185.9	230.9	274.1	439.3	604.5
0.0	40°	69.5	78.9	90.1	99.5	137.0	174.6	210.3	247.8	420.5	591.4
0.0	42.5°	69.5	80.7	92.0	103.3	133.3	163.3	193.4	223.4	414.9	606.4
0.0	45°	67.6	78.9	90.1	101.4	129.5	155.8	184.0	210.3	448.7	685.2
0.0	47.5°	65.7	77.0	88.2	99.5	127.7	155.8	184.0	212.1	580.1	946.2
0.0	50°	65.7	77.0	86.4	95.7	129.5	165.2	199.0	232.8	844.8	1455.0
0.0	52.5°	69.5	78.9	86.4	93.9	133.3	174.6	214.0	253.4	1073.9	1892.4
0.0	55°	75.1	80.7	88.2	93.9	142.7	189.6	238.4	285.4	1143.3	2001.3
0.0	57.5°	82.6	88.2	93.9	99.5	159.6	219.7	277.9	337.9	1149.0	1958.1
0.0	60°	92.0	99.5	105.1	110.8	174.6	240.3	304.1	368.0	1040.1	1710.3
0.0	62.5°	112.6	122.0	129.5	138.9	200.9	261.0	322.9	383.0	863.6	1344.2
0.0	65°	129.5	137.0	144.6	152.1	212.1	274.1	334.2	394.3	732.2	1070.1
0.0	67.5°	133.3	140.8	146.4	153.9	215.9	277.9	337.9	399.9	627.0	852.3
	70°	135.2	144.6	155.8	165.2	229.0	292.9	354.8	418.7	555.7	692.8
	72.5°	129.5	148.3	165.2	182.1	242.2	300.4	360.5	418.7	516.3	613.9
	75°	129.5	155.8	180.2	204.6	249.7	292.9	337.9	381.1	456.2	531.3
	77.5°	137.0	170.8	204.6	238.4	264.7	289.1	315.4	339.8	388.6	437.4
	80°	137.0	172.7	206.5	242.2	253.4	266.6	277.9	289.1	294.7	300.4
	82.5°	118.3	146.4	174.6	202.8	189.6	176.5	163.3	150.2	140.8	129.5
	85°	60.1	65.7	69.5	73.2	67.6	62.0	56.3	50.7	46.9	41.3
	87.5°	24.4	24.4	22.5	22.5	22.5	22.5	20.7	20.7	20.7	20.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA5C-735-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
108.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
294.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
399.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
555.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
752.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
940.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1068.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1164.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1259.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1447.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2778.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4256.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5358.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5480.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4945.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4227.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3304.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2496.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1843.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1304.8											
970.6											
705.9											
531.3											
298.5											
135.2											
39.4											
18.8											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA5C-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°	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9
0.0	2.5°	140.8	138.9	138.9	137.0	135.2	133.3	131.4	129.5	127.7	125.8
0.0	5°	146.4	146.4	146.4	144.6	144.6	142.7	142.7	140.8	138.9	137.0
0.0	7.5°	152.1	153.9	153.9	155.8	155.8	155.8	155.8	153.9	153.9	153.9
0.0	10°	161.5	163.3	165.2	167.1	169.0	170.8	170.8	172.7	172.7	172.7
0.0	12.5°	172.7	178.4	182.1	187.7	191.5	197.1	200.9	206.5	210.3	214.0
0.0	15°	189.6	199.0	210.3	219.7	229.0	242.2	257.2	270.3	283.5	304.1
0.0	17.5°	214.0	244.1	274.1	302.3	332.3	398.0	463.7	527.5	593.3	689.0
0.0	20°	261.0	351.1	439.3	529.4	617.7	848.6	1077.6	1308.5	1537.6	1783.5
0.0	22.5°	366.1	587.6	809.2	1030.7	1252.2	1734.7	2215.3	2697.8	3178.4	3743.5
0.0	25°	531.3	938.7	1346.1	1751.6	2159.0	2913.7	3670.3	4425.0	5179.7	5913.8
0.0	27.5°	773.5	1396.8	2020.1	2641.5	3264.8	4287.9	5313.0	6336.2	7359.4	8189.2
0.0	30°	1072.0	1916.8	2761.6	3606.5	4451.3	5615.3	6779.2	7941.3	9105.3	10012.1
0.0	32.5°	1353.6	2388.0	3422.5	4455.0	5489.5	6814.9	8142.2	9467.7	10793.1	11784.3
0.0	35°	1537.6	2787.9	4040.1	5290.5	6540.8	7975.1	9409.5	10841.9	12276.2	13408.3
0.0	37.5°	1721.6	3165.3	4607.1	6050.8	7492.6	9067.8	10642.9	12218.0	13793.2	15191.8
0.0	40°	1928.1	3621.5	5313.0	7006.4	8697.9	10564.0	12428.3	14294.4	16158.7	18131.8
0.0	42.5°	2286.7	4378.1	6471.3	8562.8	10654.2	13122.9	15591.7	18058.6	20527.3	23343.4
0.0	45°	2960.6	5908.1	8857.5	11805.0	14752.5	18022.9	21295.2	24565.6	27836.0	31583.3
0.0	47.5°	4610.9	8666.0	12719.3	16774.4	20827.7	24359.1	27888.6	31419.9	34949.4	38681.6
0.0	50°	7055.2	11775.0	16494.7	21212.6	25932.3	29127.6	32321.1	35516.4	38709.8	42259.9
0.0	52.5°	8823.7	13740.6	18659.3	23576.2	28493.1	31376.7	34262.3	37145.9	40029.6	43347.0
0.0	55°	8957.0	13845.7	18736.3	23625.0	28513.7	31410.5	34307.3	37204.1	40101.0	43617.3
0.0	57.5°	7930.1	12779.4	17626.8	22476.1	27323.5	30622.0	33918.7	37217.3	40514.0	44315.7
0.0	60°	6745.4	11596.6	16445.9	21297.1	26146.3	29946.2	33747.9	37547.7	41347.5	44908.9
0.0	62.5°	5262.3	10252.4	15244.4	20234.5	25224.6	29082.6	32940.6	36796.8	40654.8	43326.3
0.0	65°	3921.9	8767.4	13612.9	18456.6	23302.1	26392.3	29482.5	32570.8	35660.9	37314.9
0.0	67.5°	2834.9	7013.9	11191.1	15370.2	19547.3	21758.9	23970.5	26180.1	28391.7	29657.1
	70°	1916.8	4811.7	7704.8	10599.7	13492.8	15310.1	17129.3	18946.6	20763.9	22472.3
	72.5°	1327.3	2953.1	4580.8	6206.6	7832.5	9661.0	11487.7	13316.3	15143.0	16950.9
	75°	880.5	1620.2	2361.8	3101.4	3841.1	5194.7	6550.2	7903.8	9257.4	10335.0
	77.5°	625.2	846.7	1070.1	1291.6	1513.2	1766.6	2021.9	2275.4	2528.8	2913.7
	80°	296.6	324.8	352.9	379.2	407.4	499.4	591.4	683.4	775.4	873.0
	82.5°	140.8	152.1	163.3	172.7	184.0	193.4	202.8	212.1	221.5	212.1
	85°	37.5	37.5	39.4	39.4	39.4	39.4	39.4	39.4	39.4	37.5
	87.5°	16.9	16.9	16.9	16.9	16.9	16.9	16.9	15.0	15.0	13.1
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
108.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
215.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
326.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
782.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2031.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4308.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6647.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9019.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10920.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12777.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14540.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16592.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20104.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26159.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35330.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42413.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45810.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46664.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47135.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48117.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48468.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45999.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38970.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30924.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24178.8											
18758.8											
11412.6											
3298.6											
970.6											
200.9											
35.7											
13.1											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											

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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9
0.0	2.5°	122.0	120.2	118.3	116.4	114.5	110.8	110.8	108.9	108.9
0.0	5°	133.3	131.4	129.5	127.7	127.7	125.8	123.9	123.9	122.0
0.0	7.5°	152.1	150.2	148.3	146.4	146.4	144.6	144.6	142.7	142.7
0.0	10°	174.6	174.6	174.6	174.6	174.6	172.7	172.7	172.7	170.8
0.0	12.5°	219.7	221.5	225.3	229.0	234.7	234.7	234.7	232.8	232.8
0.0	15°	347.3	368.0	383.0	398.0	411.1	441.2	437.4	431.8	428.0
0.0	17.5°	878.6	972.5	1023.2	1072.0	1122.7	1261.6	1239.1	1216.5	1195.9
0.0	20°	2277.3	2523.2	2686.5	2849.9	3015.1	3276.0	3212.2	3148.4	3084.5
0.0	22.5°	4871.8	5436.9	5682.8	5928.8	6172.8	6488.2	6283.6	6079.0	5876.2
0.0	25°	7380.0	8114.1	8529.0	8943.9	9356.9	9537.1	9270.5	9002.1	8735.5
0.0	27.5°	9848.8	10678.6	11044.7	11408.9	11775.0	12152.3	11821.9	11489.6	11159.2
0.0	30°	11827.5	12734.3	13130.4	13524.7	13920.8	14183.6	13842.0	13498.4	13156.7
0.0	32.5°	13768.7	14760.0	15193.7	15627.4	16059.2	16436.5	16016.0	15593.6	15173.0
0.0	35°	15670.5	16802.6	17399.6	17996.6	18593.6	18944.7	18445.3	17944.1	17444.7
0.0	37.5°	17991.0	19389.6	20058.0	20726.3	21394.7	22034.9	21484.8	20932.8	20382.8
0.0	40°	22078.1	24051.2	25076.2	26103.2	27128.2	27954.3	27259.6	26565.0	25870.4
0.0	42.5°	28975.6	31791.6	33265.4	34737.3	36211.0	37500.8	36770.5	36040.2	35309.9
0.0	45°	39077.8	42825.0	44621.7	46416.5	48213.1	49155.6	48104.2	47051.0	45999.7
0.0	47.5°	46144.3	49876.5	51476.0	53075.6	54675.1	55750.8	54464.8	53178.8	51894.7
0.0	50°	49358.3	52908.5	54513.6	56116.9	57722.1	58576.3	57091.3	55604.4	54119.4
0.0	52.5°	49979.8	53297.1	55212.0	57128.8	59043.8	60185.2	58431.7	56676.4	54922.9
0.0	55°	50651.9	54168.2	56389.1	58612.0	60832.9	62413.7	60431.2	58446.8	56464.2
0.0	57.5°	51917.2	55718.9	57934.2	60147.7	62363.0	63705.3	61717.2	59727.1	57739.0
0.0	60°	52029.9	55589.4	57493.1	59398.6	61302.3	62147.1	60245.3	58341.6	56439.8
0.0	62.5°	48671.2	51342.7	52664.4	53986.1	55307.8	56225.8	54241.4	52255.1	50270.8
0.0	65°	40624.7	42278.7	43331.9	44385.1	45438.4	46532.9	44715.6	42898.3	41080.9
0.0	67.5°	32189.7	33455.0	34842.4	36229.8	37617.2	38786.8	37331.8	35875.0	34420.0
	70°	25887.3	27593.8	29153.9	30714.0	32274.1	33231.6	31771.0	30308.5	28847.9
	72.5°	20566.8	22374.7	23677.6	24978.6	26281.5	26516.2	25442.3	24368.5	23296.5
	75°	12488.4	13566.0	13592.3	13616.7	13643.0	13866.4	12976.5	12086.6	11198.6
	77.5°	3683.4	4068.3	4385.6	4701.0	5018.3	5401.2	5074.6	4746.0	4419.4
	80°	1066.4	1164.0	1246.6	1327.3	1409.9	1361.1	1284.1	1207.2	1130.2
	82.5°	191.5	180.2	178.4	176.5	176.5	167.1	152.1	137.0	122.0
	85°	33.8	31.9	30.0	28.2	26.3	24.4	20.7	18.8	15.0
	87.5°	11.3	9.4	7.5	5.6	5.6	1.9	1.9	1.9	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: P1049011

CATALOG NUMBER: GALN-SA5C-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°	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9	108.9
0.0	0.0	2.5°	107.0	105.1	105.1	105.1	105.1	103.3	103.3	103.3	103.3
0.0	0.0	5°	118.3	118.3	116.4	116.4	114.5	114.5	112.6	112.6	110.8
0.0	0.0	7.5°	138.9	137.0	135.2	133.3	131.4	127.7	125.8	123.9	123.9
0.0	0.0	10°	167.1	163.3	161.5	157.7	155.8	152.1	148.3	144.6	140.8
0.0	0.0	12.5°	219.7	212.1	206.5	199.0	191.5	185.9	178.4	172.7	165.2
0.0	0.0	15°	381.1	362.3	341.7	317.3	291.0	266.6	240.3	225.3	208.4
0.0	0.0	17.5°	974.4	876.7	777.2	696.5	615.8	536.9	456.2	398.0	339.8
0.0	0.0	20°	2480.0	2209.7	1939.3	1672.8	1404.3	1137.7	869.2	734.1	598.9
0.0	0.0	22.5°	4667.2	4165.9	3662.8	3176.5	2688.4	2202.2	1715.9	1409.9	1105.8
0.0	0.0	25°	7203.5	6572.7	5941.9	5142.2	4340.5	3540.7	2741.0	2243.5	1746.0
0.0	0.0	27.5°	9373.8	8647.2	7920.7	6948.2	5975.7	5003.2	4030.7	3289.2	2549.5
0.0	0.0	30°	11253.0	10472.1	9691.1	8559.0	7426.9	6294.9	5162.8	4235.4	3308.0
0.0	0.0	32.5°	12882.6	11947.7	11012.7	9845.0	8677.3	7509.5	6341.8	5204.1	4066.4
0.0	0.0	35°	14761.9	13671.1	12578.5	11283.1	9985.8	8690.4	7395.0	6110.9	4824.9
0.0	0.0	37.5°	17149.9	15811.3	14470.9	13027.2	11583.5	10141.6	8697.9	7229.8	5761.7
0.0	0.0	40°	21721.3	19994.2	18267.0	16432.8	14596.7	12762.5	10928.3	9126.0	7323.7
0.0	0.0	42.5°	29912.4	27578.8	25245.2	22804.6	20362.1	17921.5	15479.0	12937.1	10393.2
0.0	0.0	45°	39156.6	36261.7	33364.9	30625.8	27884.8	25145.7	22406.6	18918.4	15430.2
0.0	0.0	47.5°	44355.1	41229.3	38103.4	35510.7	32918.1	30325.4	27732.7	23972.3	20211.9
0.0	0.0	50°	46268.2	43086.0	39903.8	37517.7	35129.6	32743.5	30355.4	26589.4	22821.5
0.0	0.0	52.5°	46675.6	43429.6	40183.6	37782.4	35381.2	32981.9	30580.7	26839.1	23097.5
0.0	0.0	55°	47512.9	44030.3	40545.9	37808.7	35071.4	32334.2	29597.0	25795.3	21993.6
0.0	0.0	57.5°	48607.4	45036.6	41465.8	38347.5	35229.1	32112.7	28994.3	24837.8	20681.3
0.0	0.0	60°	48320.1	45213.1	42104.1	38764.3	35422.5	32082.6	28740.9	24169.5	19596.1
0.0	0.0	62.5°	43333.8	40859.4	38383.1	35636.5	32888.0	30141.4	27394.8	22688.2	17981.6
0.0	0.0	65°	35649.7	33843.6	32037.6	29827.9	27616.3	25406.7	23197.0	18976.6	14758.1
0.0	0.0	67.5°	28893.0	26857.9	24820.9	23059.9	21297.1	19536.1	17773.2	14452.1	11131.0
		70°	22954.8	20741.4	18526.0	16806.4	15084.8	13365.1	11645.4	9437.6	7231.7
		72.5°	18229.4	16233.8	14238.1	12403.9	10567.8	8733.6	6897.5	5592.7	4287.9
		75°	8712.9	7915.1	7117.2	6157.8	5198.5	4239.1	3279.8	2710.9	2144.0
		77.5°	3229.1	2799.2	2367.4	1976.9	1586.4	1197.8	807.3	739.7	672.1
		80°	835.4	728.4	619.5	542.6	463.7	386.7	309.8	279.7	251.6
		82.5°	95.7	88.2	82.6	78.9	73.2	69.5	63.8	58.2	52.6
		85°	5.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049011

CATALOG NUMBER: GALN-SA5C-735-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	108.9	108.9
0.0	0.0	2.5°	101.4	99.5
0.0	0.0	5°	107.0	105.1
0.0	0.0	7.5°	118.3	114.5
0.0	0.0	10°	129.5	125.8
0.0	0.0	12.5°	146.4	140.8
0.0	0.0	15°	165.2	153.9
0.0	0.0	17.5°	197.1	172.7
0.0	0.0	20°	266.6	204.6
0.0	0.0	22.5°	375.5	255.3
0.0	0.0	25°	552.0	352.9
0.0	0.0	27.5°	767.9	469.3
0.0	0.0	30°	1021.3	587.6
0.0	0.0	32.5°	1244.7	700.3
0.0	0.0	35°	1535.7	814.8
0.0	0.0	37.5°	1894.3	961.2
0.0	0.0	40°	2450.0	1182.8
0.0	0.0	42.5°	3450.6	1592.0
0.0	0.0	45°	5604.0	2752.2
0.0	0.0	47.5°	8622.8	4552.7
0.0	0.0	50°	10549.0	5810.5
0.0	0.0	52.5°	10706.7	5801.1
0.0	0.0	55°	9773.7	5157.2
0.0	0.0	57.5°	8339.3	4310.5
0.0	0.0	60°	6931.3	3409.3
0.0	0.0	62.5°	5461.3	2354.2
0.0	0.0	65°	3991.3	1665.2
0.0	0.0	67.5°	2866.8	1244.7
		70°	1884.9	953.7
		72.5°	1227.8	777.2
		75°	826.0	643.9
		77.5°	482.5	428.0
		80°	170.8	150.2
		82.5°	31.9	22.5
		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



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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

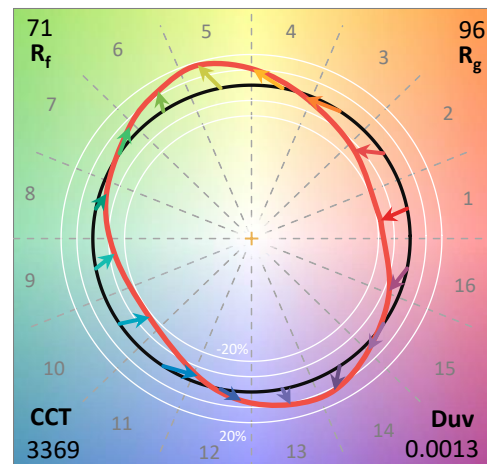
Test Information

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

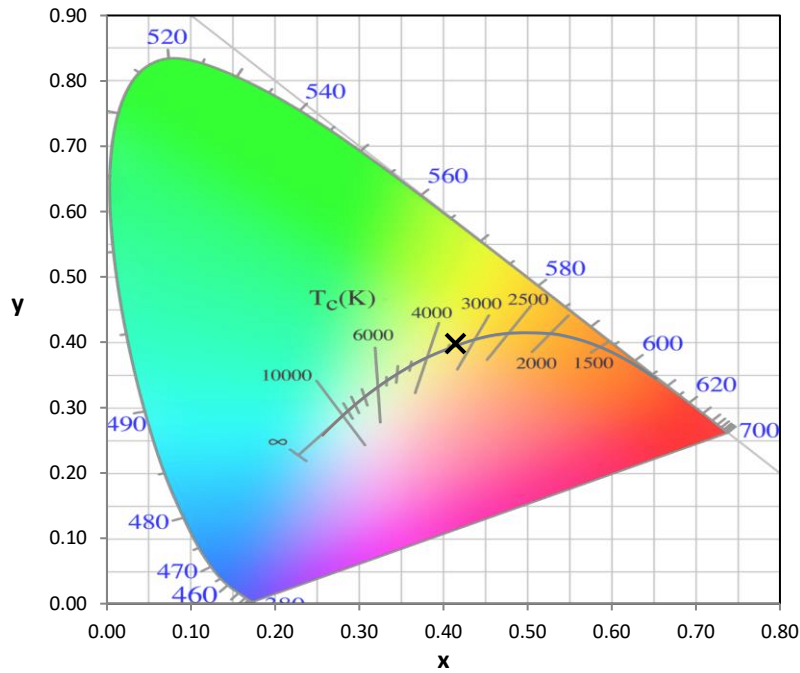
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

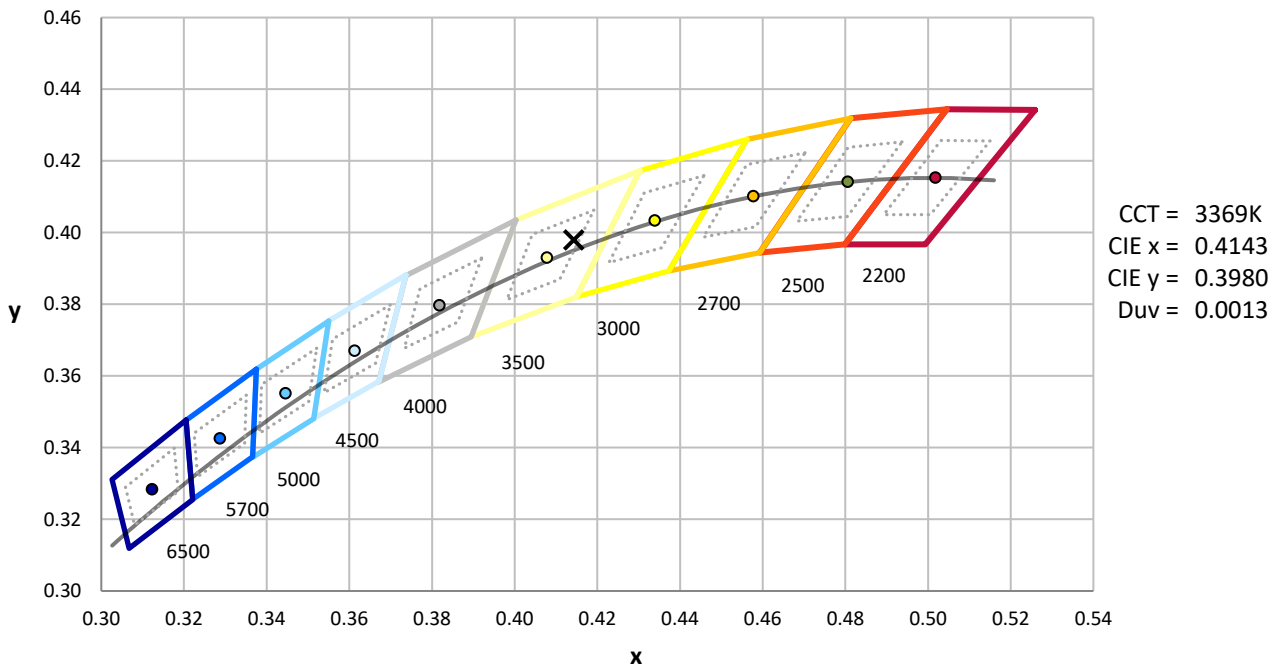
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



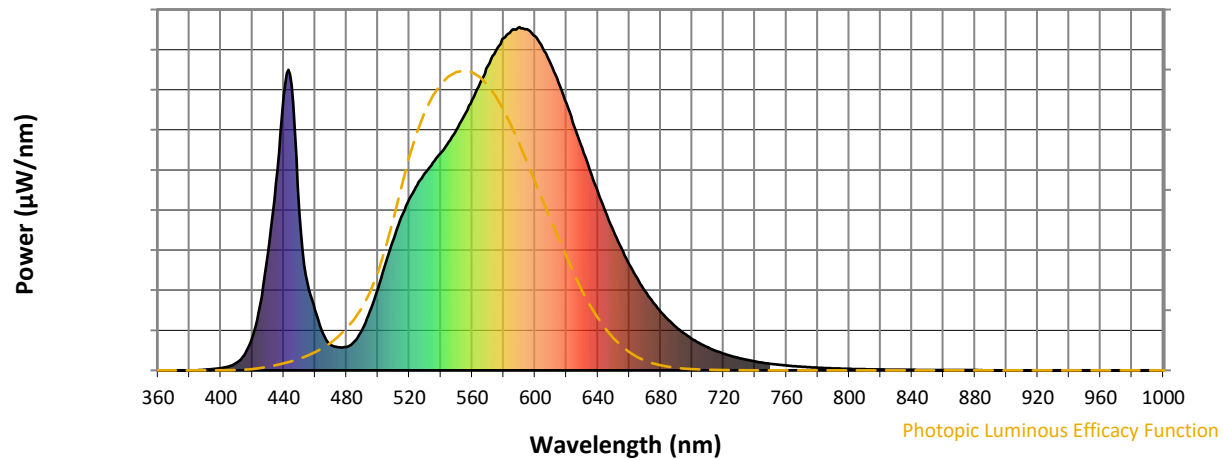
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

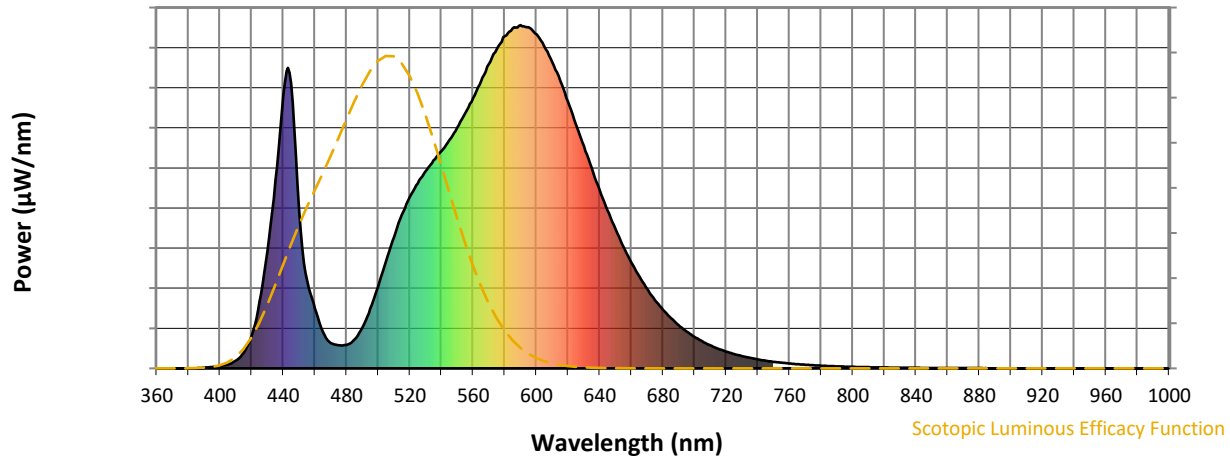


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength



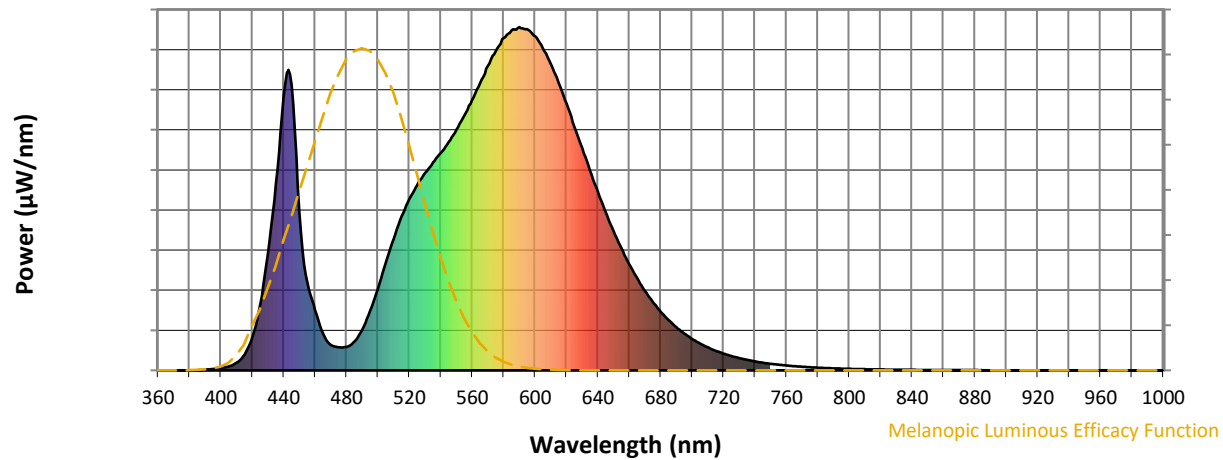
Scotopic Lumens: NR

S/P: 1.29

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

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.36

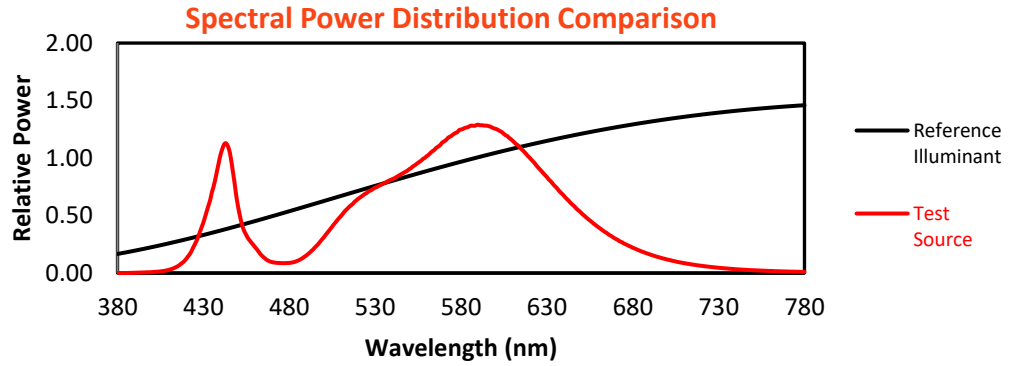
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778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

REPORT NUMBER: SP1-2407-184-5

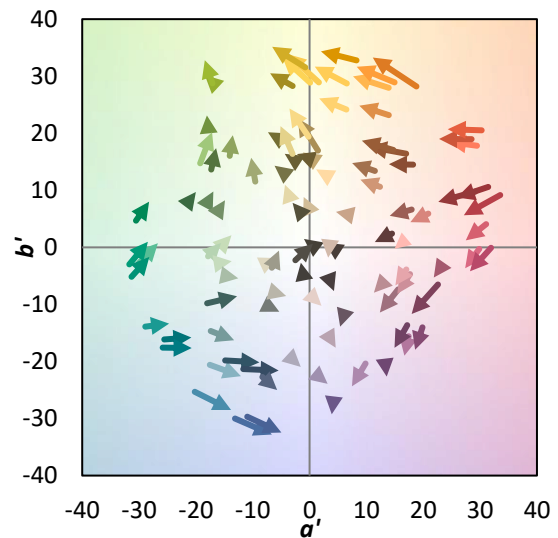
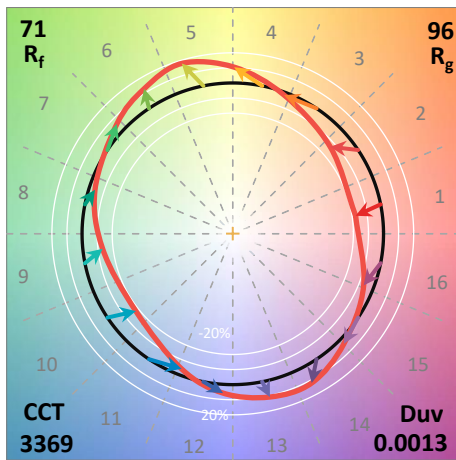
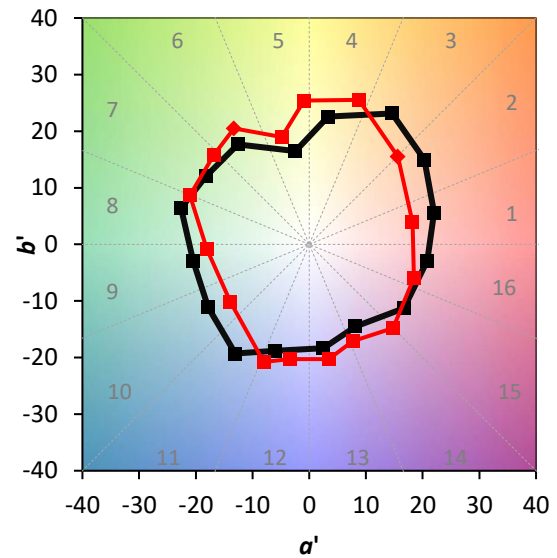
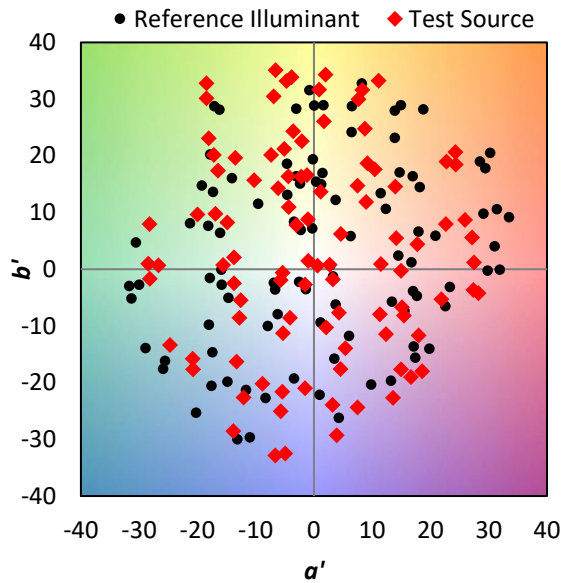
TM-30-18

Summary

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

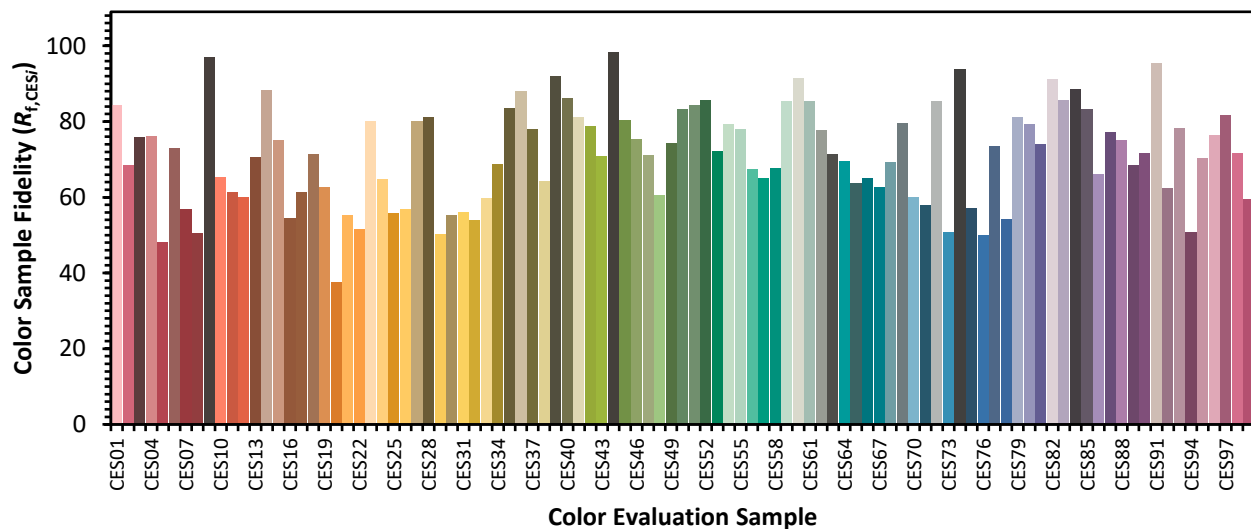


Color Vector Graphics

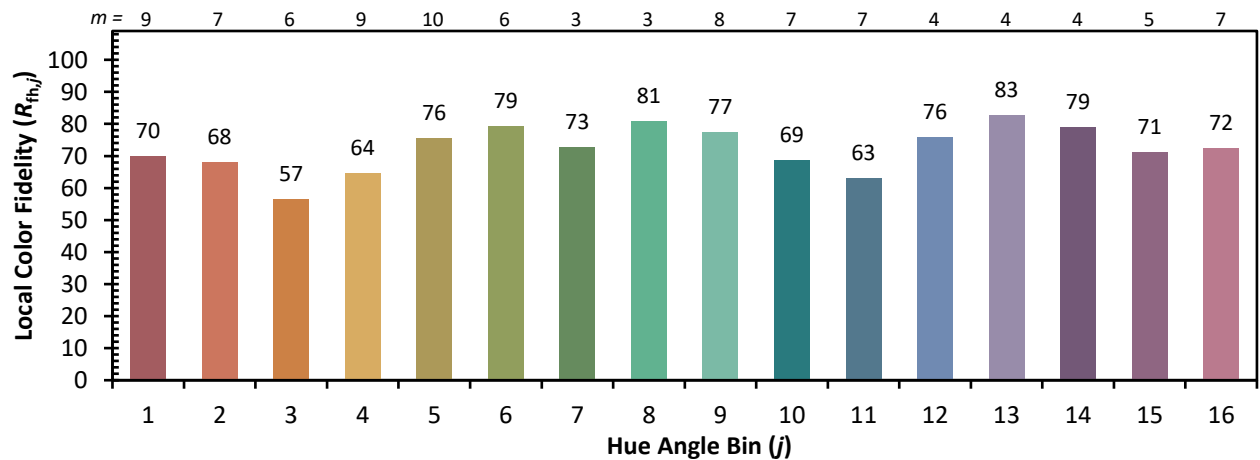
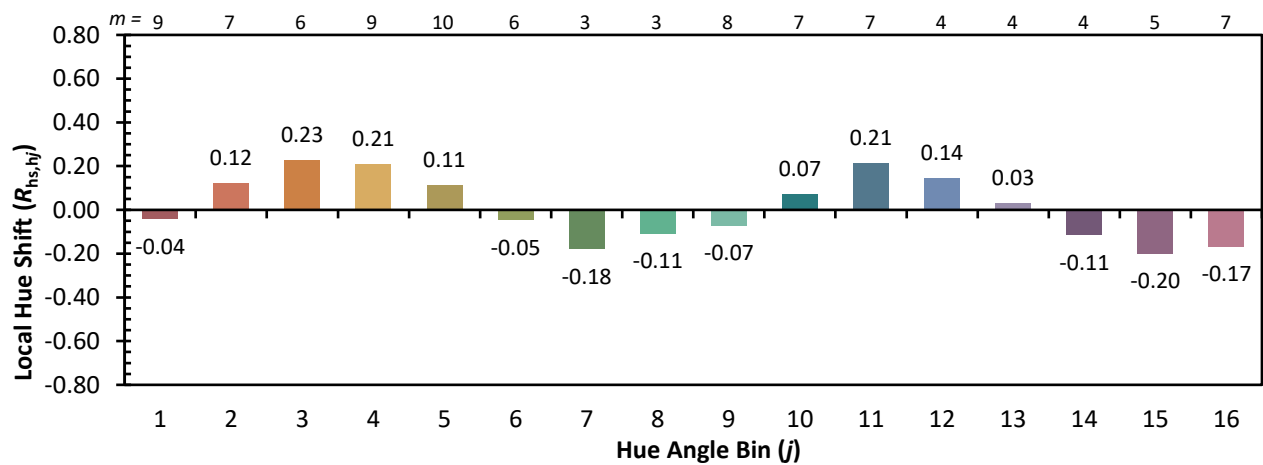
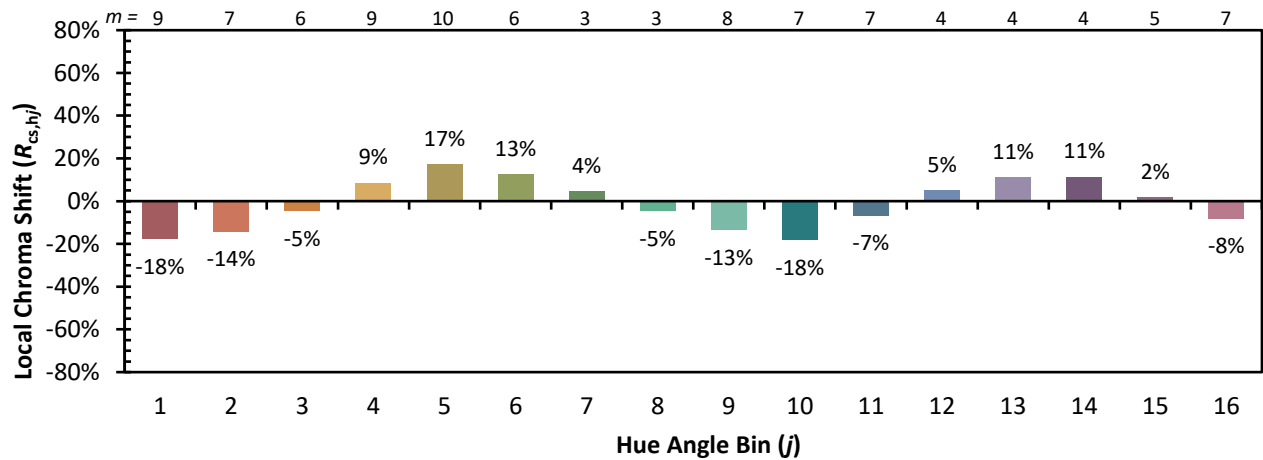


Individual Sample Fidelity Index ($R_{f,i}$)

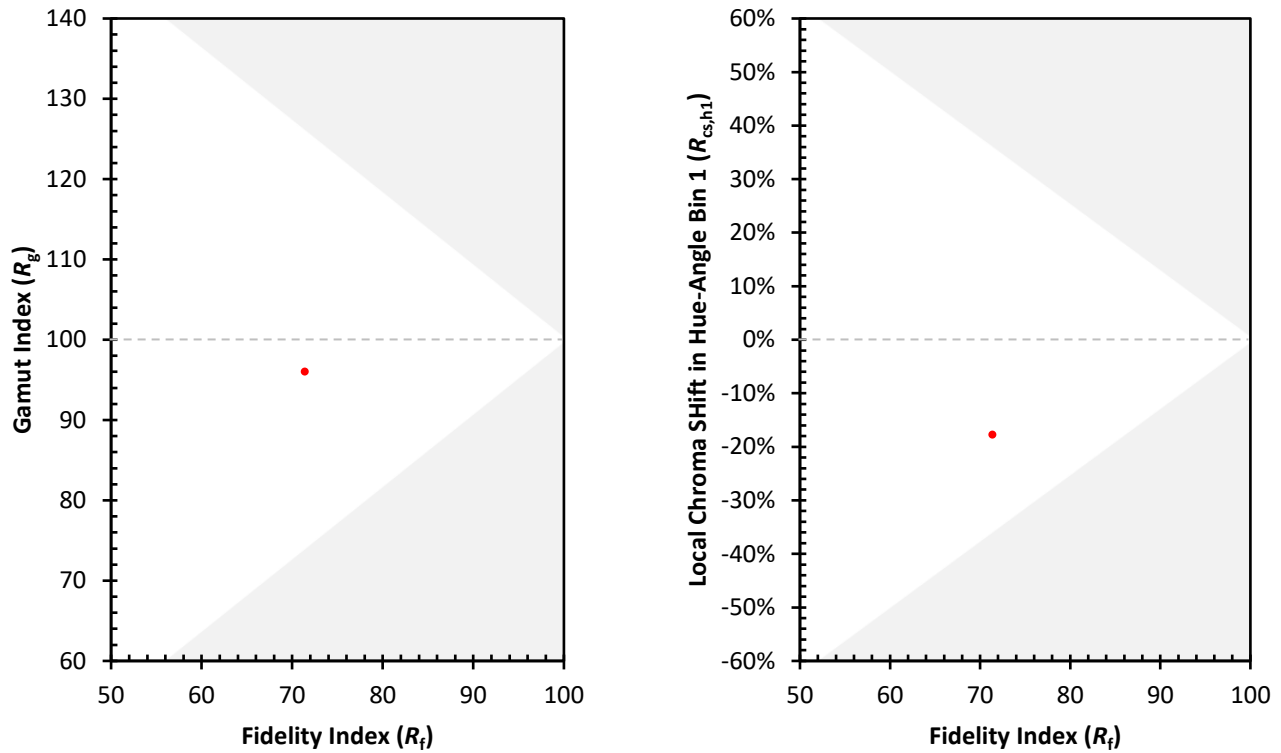
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)