

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: P1049009

Luminaire Tested: **GALN-SA5A-735-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049009
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5A-735-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 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: 15961.5 lumens
Efficiency: N/A
Efficacy: 116.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

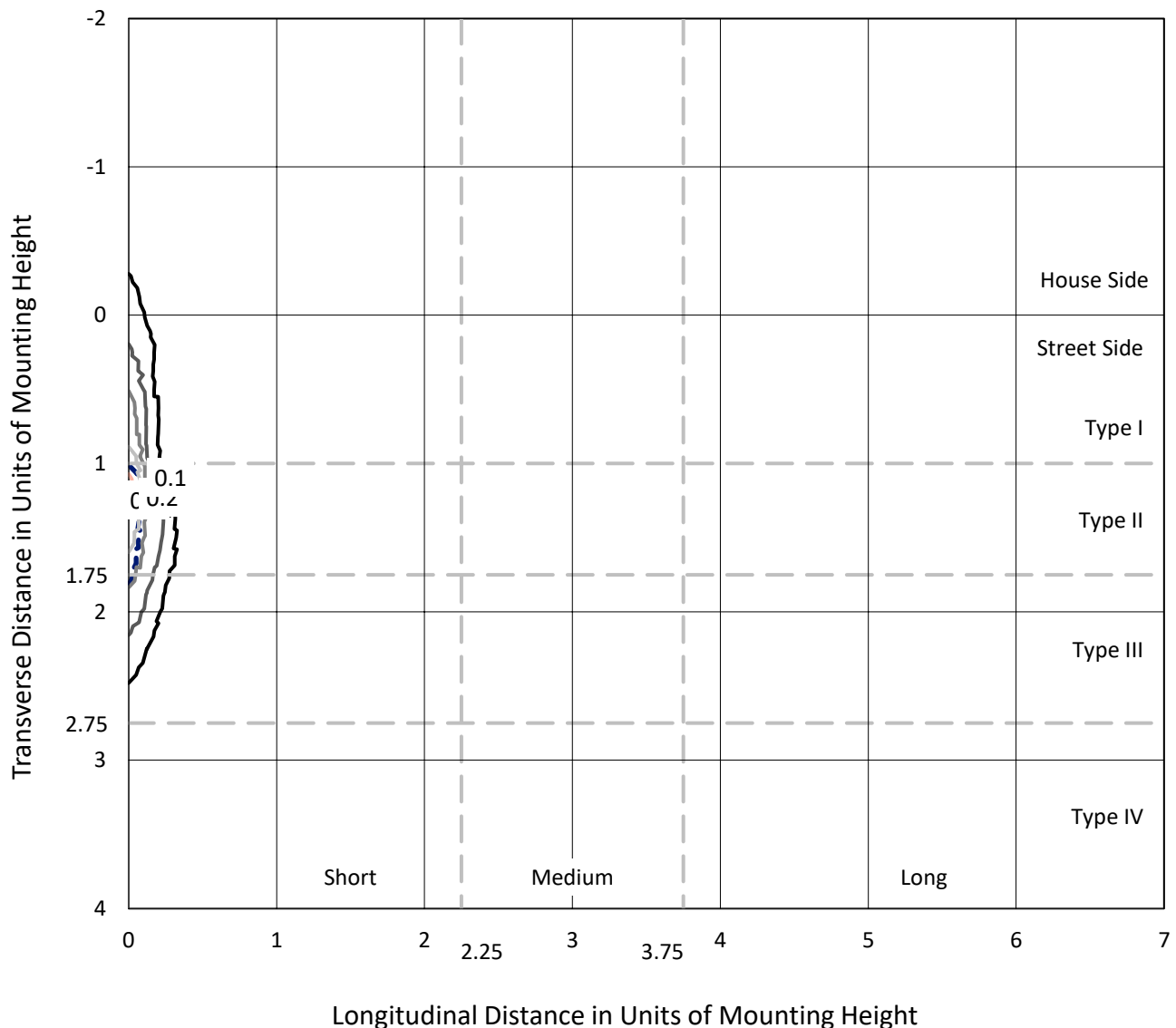
Input Watts (W): 136.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

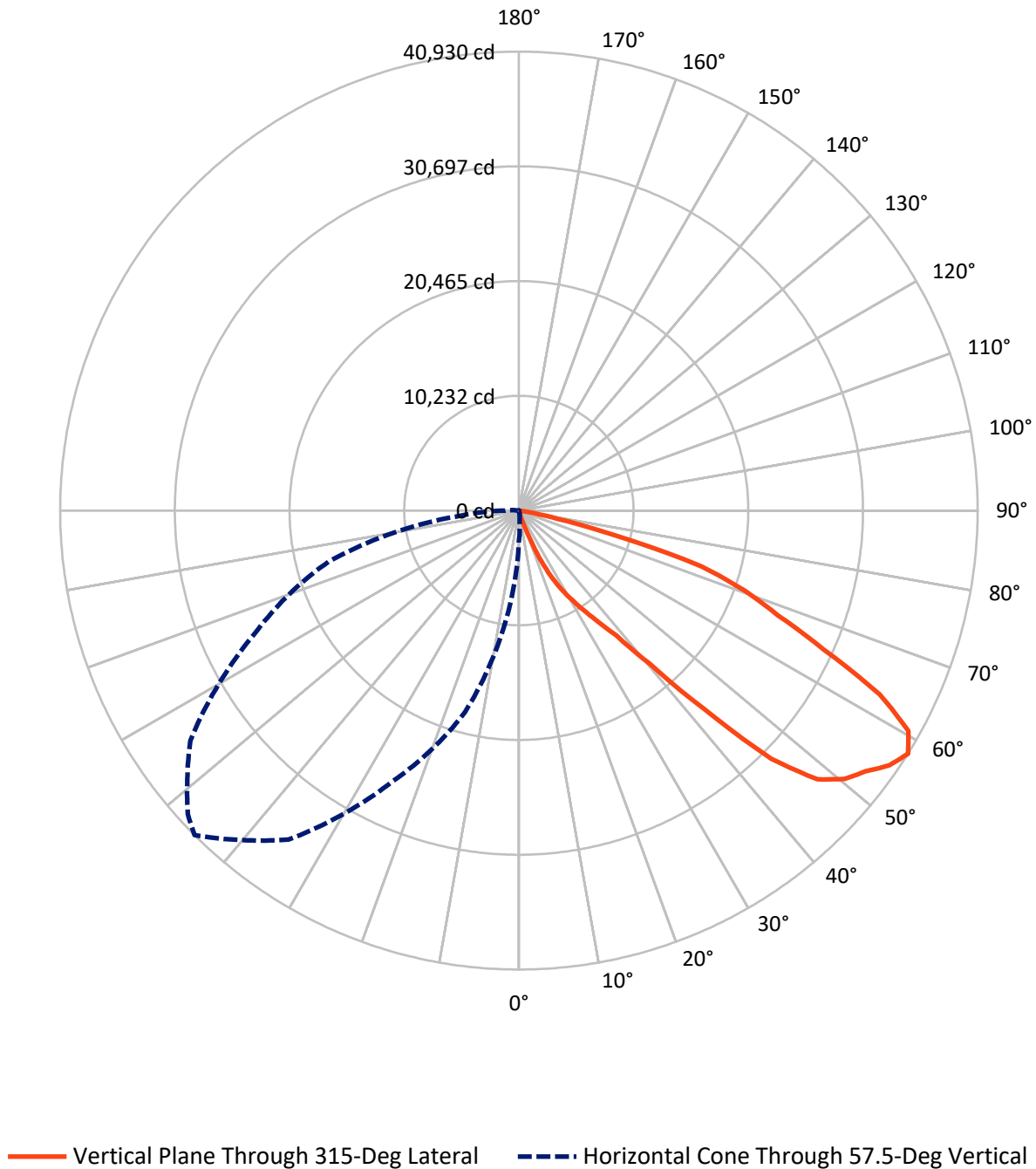
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.3 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	79.9	0.0	79.9
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	15881.6	0.0	15881.6
	% Fixture	99.5	0.0	99.5
Total	Lumens	15961.5	0.0	15961.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.3	0.0
10°-20°	35.1	0.2
20°-30°	378.3	2.4
30°-40°	1118.6	7.0
40°-50°	3333.7	20.9
50°-60°	5286.1	33.1
60°-70°	4412.6	27.6
70°-80°	1360.7	8.5
80°-90°	30.3	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°	15961.5	100.0
0°-180°	15961.5	100.0

Coefficient of Utilization



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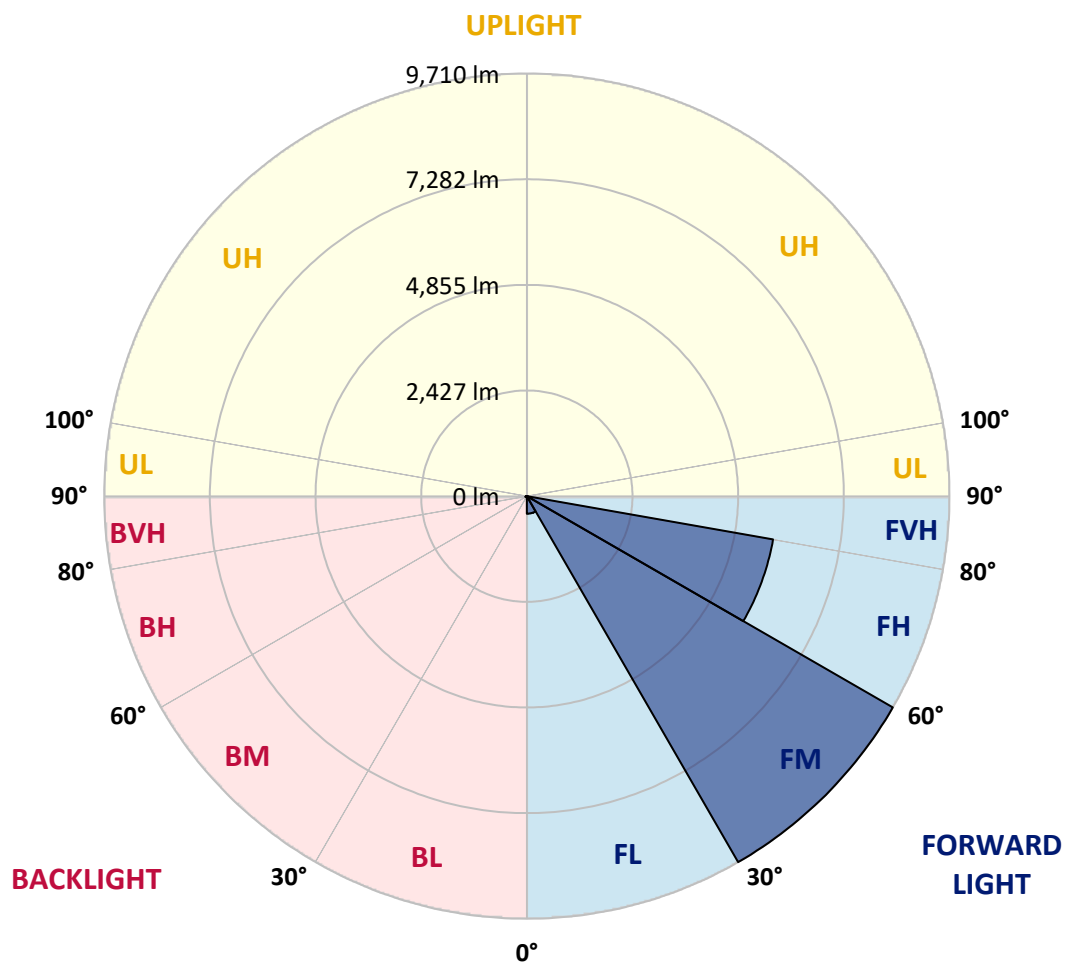
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	404.9	2.5			
FM	(30°-60°)	9709.8	60.8			
FH	(60°-80°)	5743.5	36.0			G3/7500
FVH	(80°-90°)	23.4	0.1			G1/100
BL	(0°-30°)	14.7	0.1	B0/110		
BM	(30°-60°)	28.6	0.2	B0/220		
BH	(60°-80°)	29.8	0.2	B0/110		G0/110
BVH	(80°-90°)	6.9	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
2.5°	63.9	63.9	63.9	63.9	62.7	62.7	61.5	61.5	60.3	60.3
5°	67.5	67.5	66.3	65.1	65.1	63.9	62.7	61.5	61.5	60.3
7.5°	73.6	72.4	71.2	70.0	67.5	66.3	63.9	62.7	61.5	59.1
10°	80.8	78.4	76.0	73.6	71.2	68.8	66.3	65.1	62.7	61.5
12.5°	90.5	86.8	82.0	78.4	76.0	72.4	70.0	67.5	63.9	61.5
15°	98.9	94.1	88.1	83.2	79.6	74.8	71.2	67.5	65.1	61.5
17.5°	111.0	102.5	92.9	86.8	82.0	76.0	70.0	66.3	62.7	57.9
20°	131.5	114.6	96.5	89.3	82.0	74.8	67.5	62.7	59.1	54.3
22.5°	164.0	135.1	106.1	95.3	85.6	74.8	65.1	60.3	55.5	50.7
25°	226.8	174.9	123.0	108.6	94.1	79.6	65.1	59.1	54.3	48.2
27.5°	301.5	224.4	145.9	125.4	106.1	85.6	65.1	57.9	51.9	44.6
30°	377.5	275.0	171.3	144.7	118.2	91.7	65.1	56.7	49.5	41.0
32.5°	449.9	322.1	193.0	161.6	130.3	97.7	66.3	56.7	47.0	37.4
35°	523.5	360.7	196.6	164.0	131.5	97.7	65.1	54.3	44.6	33.8
37.5°	617.6	404.1	189.4	156.8	125.4	92.9	61.5	51.9	42.2	31.4
40°	759.9	476.4	193.0	159.2	125.4	91.7	57.9	48.2	39.8	30.2
42.5°	1022.9	616.4	208.7	170.1	131.5	91.7	53.1	44.6	37.4	28.9
45°	1768.3	1024.1	279.8	221.9	164.0	106.1	48.2	41.0	35.0	27.7
47.5°	2925.0	1714.0	503.0	388.4	275.0	160.4	47.0	41.0	35.0	27.7
50°	3733.2	2183.2	633.3	487.3	341.4	195.4	49.5	42.2	36.2	28.9
52.5°	3727.2	2217.0	705.6	541.6	378.7	214.7	51.9	44.6	38.6	31.4
55°	3313.4	2016.8	718.9	552.4	387.2	220.7	55.5	48.2	41.0	33.8
57.5°	2769.4	1712.8	656.2	507.8	360.7	212.3	63.9	55.5	48.2	39.8
60°	2190.5	1350.9	511.4	404.1	297.9	190.6	84.4	73.6	63.9	53.1
62.5°	1512.6	979.4	446.3	358.2	271.4	183.3	96.5	85.6	76.0	65.1
65°	1069.9	737.0	402.9	328.1	254.5	179.7	104.9	92.9	82.0	70.0
67.5°	799.7	586.2	371.5	307.6	243.7	179.7	115.8	101.3	88.1	73.6
70°	612.7	481.3	348.6	296.7	246.1	194.2	142.3	121.8	102.5	82.0
72.5°	499.4	411.3	322.1	284.7	247.3	209.9	172.5	145.9	119.4	91.7
75°	413.7	352.2	290.7	259.3	229.2	197.8	166.5	142.3	119.4	95.3
77.5°	275.0	250.9	225.6	207.5	189.4	170.1	152.0	131.5	112.2	91.7
80°	96.5	92.9	89.3	96.5	103.7	111.0	118.2	103.7	90.5	76.0
82.5°	14.5	13.3	12.1	13.3	14.5	15.7	16.9	18.1	19.3	20.5
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°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	59.1	59.1	57.9	57.9	57.9	56.7	56.7	55.5	55.5	55.5
0.0	5°	57.9	57.9	56.7	55.5	54.3	54.3	53.1	51.9	51.9	50.7
0.0	7.5°	56.7	55.5	54.3	53.1	51.9	50.7	49.5	48.2	48.2	47.0
0.0	10°	57.9	55.5	54.3	51.9	50.7	49.5	47.0	45.8	44.6	44.6
0.0	12.5°	55.5	54.3	51.9	49.5	48.2	45.8	44.6	42.2	41.0	41.0
0.0	15°	55.5	53.1	49.5	47.0	44.6	43.4	41.0	38.6	37.4	36.2
0.0	17.5°	51.9	49.5	45.8	43.4	41.0	38.6	36.2	33.8	32.6	31.4
0.0	20°	47.0	44.6	41.0	37.4	35.0	32.6	30.2	27.7	26.5	25.3
0.0	22.5°	42.2	39.8	36.2	32.6	30.2	27.7	24.1	21.7	20.5	18.1
0.0	25°	39.8	36.2	32.6	28.9	25.3	22.9	19.3	15.7	13.3	10.9
0.0	27.5°	33.8	30.2	26.5	22.9	19.3	15.7	12.1	8.4	6.0	4.8
0.0	30°	28.9	25.3	21.7	18.1	13.3	9.6	6.0	1.2	1.2	1.2
0.0	32.5°	24.1	20.5	15.7	12.1	9.6	6.0	3.6	0.0	0.0	0.0
0.0	35°	19.3	15.7	10.9	7.2	6.0	3.6	2.4	0.0	0.0	0.0
0.0	37.5°	16.9	13.3	8.4	3.6	2.4	2.4	1.2	0.0	0.0	0.0
0.0	40°	15.7	10.9	6.0	1.2	1.2	1.2	0.0	0.0	0.0	0.0
0.0	42.5°	15.7	10.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	15.7	10.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	15.7	10.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	16.9	12.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	19.3	14.5	9.6	4.8	3.6	2.4	1.2	0.0	0.0	0.0
0.0	55°	24.1	21.7	18.1	15.7	12.1	8.4	3.6	0.0	0.0	0.0
0.0	57.5°	31.4	31.4	30.2	28.9	21.7	14.5	7.2	0.0	0.0	0.0
0.0	60°	42.2	42.2	42.2	42.2	31.4	21.7	10.9	0.0	0.0	0.0
0.0	62.5°	51.9	49.5	45.8	43.4	32.6	21.7	10.9	0.0	0.0	0.0
0.0	65°	51.9	47.0	41.0	35.0	26.5	18.1	8.4	0.0	0.0	0.0
0.0	67.5°	48.2	38.6	27.7	18.1	13.3	9.6	4.8	0.0	0.0	0.0
	70°	48.2	33.8	19.3	4.8	3.6	2.4	1.2	0.0	0.0	0.0
	72.5°	48.2	32.6	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	53.1	36.2	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	53.1	36.2	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	47.0	31.4	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	15.7	10.9	4.8	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):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	54.3	54.3	54.3	53.1	53.1	53.1	53.1	51.9	51.9	51.9
0.0	5°	49.5	49.5	48.2	48.2	47.0	47.0	45.8	45.8	44.6	44.6
0.0	7.5°	45.8	44.6	44.6	43.4	42.2	42.2	41.0	41.0	39.8	38.6
0.0	10°	42.2	41.0	41.0	39.8	38.6	37.4	37.4	36.2	35.0	33.8
0.0	12.5°	38.6	37.4	36.2	35.0	33.8	32.6	32.6	31.4	30.2	28.9
0.0	15°	33.8	32.6	31.4	30.2	28.9	27.7	27.7	26.5	25.3	24.1
0.0	17.5°	28.9	27.7	27.7	26.5	25.3	24.1	22.9	20.5	19.3	18.1
0.0	20°	21.7	20.5	19.3	18.1	16.9	14.5	13.3	10.9	8.4	7.2
0.0	22.5°	14.5	12.1	10.9	8.4	6.0	4.8	3.6	1.2	0.0	0.0
0.0	25°	4.8	3.6	2.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA5A-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049009

CATALOG NUMBER: GALN-SA5A-735-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	50.7	50.7	50.7	49.5	49.5	49.5	49.5	49.5	49.5	49.5
0.0	5°	43.4	43.4	43.4	42.2	42.2	41.0	41.0	41.0	39.8	39.8
0.0	7.5°	37.4	36.2	36.2	35.0	35.0	33.8	33.8	33.8	32.6	32.6
0.0	10°	31.4	30.2	30.2	28.9	28.9	27.7	27.7	26.5	26.5	25.3
0.0	12.5°	27.7	26.5	25.3	24.1	24.1	22.9	21.7	21.7	20.5	19.3
0.0	15°	21.7	20.5	19.3	18.1	16.9	15.7	14.5	14.5	13.3	12.1
0.0	17.5°	14.5	12.1	10.9	9.6	9.6	8.4	7.2	6.0	4.8	3.6
0.0	20°	3.6	2.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA5A-735-U-RBC

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REPORT NUMBER: P1049009

CATALOG NUMBER: GALN-SA5A-735-U-RBC

CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	49.5	48.2	48.2	48.2	49.5	49.5	49.5	49.5	49.5	49.5
0.0	5°	39.8	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
0.0	7.5°	32.6	31.4	31.4	31.4	31.4	30.2	30.2	30.2	30.2	30.2
0.0	10°	25.3	24.1	24.1	24.1	24.1	22.9	22.9	22.9	22.9	22.9
0.0	12.5°	18.1	18.1	16.9	16.9	16.9	15.7	15.7	15.7	15.7	14.5
0.0	15°	10.9	9.6	8.4	8.4	8.4	7.2	7.2	7.2	7.2	6.0
0.0	17.5°	2.4	2.4	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA5A-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049009

CATALOG NUMBER: GALN-SA5A-735-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	50.7	50.7	51.9	51.9	53.1	55.5	56.7	57.9	60.3	62.7
0.0	5°	39.8	41.0	41.0	42.2	43.4	44.6	45.8	47.0	49.5	51.9
0.0	7.5°	31.4	31.4	32.6	32.6	33.8	36.2	37.4	38.6	41.0	44.6
0.0	10°	24.1	24.1	25.3	25.3	26.5	28.9	30.2	31.4	33.8	37.4
0.0	12.5°	15.7	16.9	16.9	18.1	19.3	21.7	22.9	24.1	26.5	28.9
0.0	15°	7.2	8.4	8.4	9.6	10.9	13.3	14.5	15.7	18.1	21.7
0.0	17.5°	1.2	1.2	2.4	2.4	3.6	4.8	6.0	7.2	10.9	13.3
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.8
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA5A-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049009

CATALOG NUMBER: GALN-SA5A-735-U-RBC

CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	66.3	68.8	71.2	73.6	76.0	78.4	79.6	82.0	83.2	84.4
0.0	5°	56.7	59.1	62.7	65.1	67.5	70.0	72.4	73.6	74.8	76.0
0.0	7.5°	49.5	51.9	55.5	57.9	60.3	62.7	65.1	67.5	68.8	70.0
0.0	10°	42.2	45.8	48.2	51.9	54.3	56.7	59.1	61.5	63.9	65.1
0.0	12.5°	33.8	37.4	41.0	43.4	47.0	50.7	53.1	55.5	57.9	60.3
0.0	15°	26.5	30.2	33.8	36.2	39.8	43.4	47.0	49.5	51.9	54.3
0.0	17.5°	19.3	22.9	26.5	28.9	32.6	36.2	38.6	42.2	44.6	47.0
0.0	20°	9.6	13.3	16.9	20.5	24.1	27.7	30.2	33.8	36.2	38.6
0.0	22.5°	1.2	4.8	8.4	10.9	14.5	18.1	20.5	24.1	26.5	28.9
0.0	25°	0.0	1.2	3.6	4.8	6.0	8.4	10.9	13.3	15.7	18.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.2	2.4	4.8	7.2	9.6
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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	1.2
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.4
	85°	0.0	0.0	0.0	0.0	0.0	2.4	3.6	6.0	7.2	8.4
	87.5°	0.0	1.2	2.4	3.6	4.8	7.2	9.6	12.1	13.3	14.5
	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: P1049009

CATALOG NUMBER: GALN-SA5A-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049009

CATALOG NUMBER: GALN-SA5A-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	85.6	85.6	85.6	85.6	84.4	84.4	84.4	83.2	83.2	82.0
0.0	5°	78.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	78.4	78.4
0.0	7.5°	72.4	73.6	74.8	74.8	76.0	76.0	76.0	74.8	74.8	73.6
0.0	10°	68.8	70.0	70.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2
0.0	12.5°	63.9	65.1	66.3	66.3	67.5	67.5	67.5	67.5	66.3	66.3
0.0	15°	57.9	60.3	61.5	62.7	62.7	63.9	63.9	63.9	63.9	63.9
0.0	17.5°	53.1	55.5	56.7	57.9	57.9	59.1	59.1	60.3	60.3	60.3
0.0	20°	43.4	45.8	47.0	49.5	50.7	51.9	53.1	54.3	54.3	55.5
0.0	22.5°	33.8	36.2	37.4	39.8	41.0	42.2	43.4	44.6	45.8	47.0
0.0	25°	24.1	26.5	27.7	30.2	31.4	32.6	33.8	35.0	35.0	36.2
0.0	27.5°	13.3	15.7	18.1	19.3	21.7	22.9	24.1	25.3	26.5	27.7
0.0	30°	6.0	7.2	8.4	10.9	12.1	13.3	14.5	16.9	18.1	19.3
0.0	32.5°	0.0	0.0	1.2	3.6	4.8	6.0	7.2	8.4	8.4	9.6
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.4	3.6	4.8
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	2.4	2.4	2.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6
	82.5°	6.0	7.2	8.4	8.4	9.6	9.6	9.6	9.6	8.4	8.4
	85°	12.1	13.3	14.5	14.5	15.7	15.7	15.7	15.7	15.7	15.7
	87.5°	16.9	18.1	19.3	19.3	20.5	20.5	20.5	20.5	20.5	20.5
	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: P1049009

CATALOG NUMBER: GALN-SA5A-735-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
70.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
3.6											
8.4											
15.7											
20.5											
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REPORT NUMBER: P1049009

CATALOG NUMBER: GALN-SA5A-735-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	80.8	80.8	79.6	79.6	79.6	79.6	79.6	80.8	82.0	82.0
0.0	5°	77.2	77.2	76.0	76.0	76.0	77.2	77.2	78.4	79.6	80.8
0.0	7.5°	73.6	72.4	72.4	73.6	73.6	74.8	74.8	76.0	77.2	78.4
0.0	10°	71.2	70.0	70.0	70.0	71.2	71.2	72.4	73.6	74.8	76.0
0.0	12.5°	66.3	66.3	66.3	66.3	67.5	67.5	68.8	70.0	72.4	73.6
0.0	15°	63.9	62.7	62.7	62.7	62.7	63.9	63.9	66.3	68.8	70.0
0.0	17.5°	59.1	59.1	57.9	57.9	59.1	59.1	60.3	62.7	65.1	66.3
0.0	20°	54.3	53.1	51.9	51.9	53.1	53.1	54.3	56.7	59.1	60.3
0.0	22.5°	47.0	45.8	45.8	45.8	45.8	47.0	47.0	49.5	53.1	55.5
0.0	25°	37.4	38.6	38.6	39.8	39.8	41.0	42.2	44.6	48.2	50.7
0.0	27.5°	28.9	30.2	30.2	32.6	33.8	35.0	36.2	39.8	43.4	45.8
0.0	30°	21.7	22.9	24.1	25.3	27.7	30.2	32.6	36.2	39.8	42.2
0.0	32.5°	13.3	15.7	16.9	19.3	21.7	24.1	26.5	30.2	35.0	38.6
0.0	35°	9.6	10.9	13.3	14.5	16.9	19.3	21.7	26.5	30.2	35.0
0.0	37.5°	4.8	7.2	9.6	12.1	14.5	16.9	19.3	24.1	28.9	32.6
0.0	40°	3.6	6.0	7.2	9.6	13.3	15.7	18.1	22.9	27.7	32.6
0.0	42.5°	2.4	3.6	4.8	8.4	10.9	14.5	18.1	22.9	27.7	32.6
0.0	45°	2.4	2.4	3.6	7.2	10.9	15.7	19.3	24.1	27.7	32.6
0.0	47.5°	2.4	3.6	4.8	9.6	12.1	15.7	19.3	22.9	27.7	31.4
0.0	50°	3.6	4.8	6.0	10.9	13.3	16.9	19.3	24.1	27.7	32.6
0.0	52.5°	2.4	3.6	4.8	9.6	13.3	18.1	21.7	26.5	31.4	35.0
0.0	55°	1.2	1.2	1.2	7.2	14.5	20.5	27.7	31.4	36.2	39.8
0.0	57.5°	0.0	0.0	0.0	4.8	14.5	22.9	31.4	36.2	41.0	44.6
0.0	60°	0.0	0.0	0.0	4.8	14.5	22.9	31.4	37.4	43.4	49.5
0.0	62.5°	0.0	0.0	0.0	4.8	12.1	19.3	26.5	36.2	47.0	56.7
0.0	65°	0.0	0.0	0.0	3.6	9.6	15.7	21.7	36.2	50.7	63.9
0.0	67.5°	0.0	0.0	0.0	3.6	9.6	14.5	20.5	36.2	50.7	66.3
	70°	0.0	0.0	0.0	3.6	9.6	15.7	21.7	36.2	50.7	65.1
	72.5°	0.0	0.0	0.0	3.6	10.9	16.9	24.1	36.2	48.2	60.3
	75°	0.0	0.0	0.0	4.8	10.9	18.1	25.3	36.2	47.0	56.7
	77.5°	0.0	0.0	0.0	3.6	10.9	16.9	24.1	35.0	45.8	55.5
	80°	3.6	2.4	2.4	6.0	10.9	15.7	20.5	31.4	43.4	54.3
	82.5°	7.2	7.2	6.0	8.4	10.9	14.5	18.1	27.7	38.6	48.2
	85°	14.5	14.5	13.3	14.5	14.5	15.7	16.9	21.7	26.5	31.4
	87.5°	19.3	19.3	18.1	18.1	18.1	16.9	16.9	16.9	16.9	15.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049009

CATALOG NUMBER: GALN-SA5A-735-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
70.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.6											
72.4											
67.5											
66.3											
65.1											
57.9											
36.2											
15.7											
0.0											
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0.0											

REPORT NUMBER: P1049009

CATALOG NUMBER: GALN-SA5A-735-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	84.4	85.6	85.6	86.8	88.1	89.3	89.3	90.5	90.5	90.5
0.0	5°	83.2	85.6	86.8	88.1	89.3	90.5	91.7	92.9	94.1	94.1
0.0	7.5°	82.0	83.2	85.6	86.8	89.3	90.5	92.9	94.1	95.3	96.5
0.0	10°	79.6	82.0	84.4	86.8	89.3	91.7	94.1	96.5	98.9	100.1
0.0	12.5°	77.2	80.8	83.2	85.6	89.3	92.9	95.3	98.9	101.3	103.7
0.0	15°	76.0	78.4	82.0	84.4	89.3	94.1	97.7	102.5	107.4	111.0
0.0	17.5°	72.4	77.2	80.8	84.4	89.3	95.3	100.1	104.9	112.2	119.4
0.0	20°	67.5	71.2	76.0	79.6	86.8	92.9	100.1	106.1	117.0	127.9
0.0	22.5°	62.7	67.5	71.2	76.0	84.4	91.7	100.1	107.4	125.4	142.3
0.0	25°	57.9	63.9	68.8	73.6	83.2	92.9	102.5	112.2	142.3	172.5
0.0	27.5°	55.5	60.3	66.3	71.2	83.2	96.5	108.6	120.6	168.9	215.9
0.0	30°	51.9	57.9	62.7	68.8	84.4	100.1	115.8	131.5	205.1	278.6
0.0	32.5°	48.2	54.3	60.3	66.3	86.8	107.4	126.7	147.2	243.7	338.9
0.0	35°	44.6	51.9	57.9	63.9	90.5	118.2	144.7	171.3	278.6	384.8
0.0	37.5°	43.4	50.7	56.7	62.7	91.7	119.4	148.4	176.1	282.3	388.4
0.0	40°	44.6	50.7	57.9	63.9	88.1	112.2	135.1	159.2	270.2	380.0
0.0	42.5°	44.6	51.9	59.1	66.3	85.6	104.9	124.2	143.5	266.6	389.6
0.0	45°	43.4	50.7	57.9	65.1	83.2	100.1	118.2	135.1	288.3	440.3
0.0	47.5°	42.2	49.5	56.7	63.9	82.0	100.1	118.2	136.3	372.7	607.9
0.0	50°	42.2	49.5	55.5	61.5	83.2	106.1	127.9	149.6	542.8	934.8
0.0	52.5°	44.6	50.7	55.5	60.3	85.6	112.2	137.5	162.8	689.9	1215.8
0.0	55°	48.2	51.9	56.7	60.3	91.7	121.8	153.2	183.3	734.6	1285.8
0.0	57.5°	53.1	56.7	60.3	63.9	102.5	141.1	178.5	217.1	738.2	1258.1
0.0	60°	59.1	63.9	67.5	71.2	112.2	154.4	195.4	236.4	668.2	1098.8
0.0	62.5°	72.4	78.4	83.2	89.3	129.1	167.7	207.5	246.1	554.9	863.6
0.0	65°	83.2	88.1	92.9	97.7	136.3	176.1	214.7	253.3	470.4	687.5
0.0	67.5°	85.6	90.5	94.1	98.9	138.7	178.5	217.1	256.9	402.9	547.6
	70°	86.8	92.9	100.1	106.1	147.2	188.2	228.0	269.0	357.0	445.1
	72.5°	83.2	95.3	106.1	117.0	155.6	193.0	231.6	269.0	331.7	394.4
	75°	83.2	100.1	115.8	131.5	160.4	188.2	217.1	244.9	293.1	341.4
	77.5°	88.1	109.8	131.5	153.2	170.1	185.8	202.6	218.3	249.7	281.0
	80°	88.1	111.0	132.7	155.6	162.8	171.3	178.5	185.8	189.4	193.0
	82.5°	76.0	94.1	112.2	130.3	121.8	113.4	104.9	96.5	90.5	83.2
	85°	38.6	42.2	44.6	47.0	43.4	39.8	36.2	32.6	30.2	26.5
	87.5°	15.7	15.7	14.5	14.5	14.5	14.5	13.3	13.3	13.3	13.3
	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: P1049009

CATALOG NUMBER: GALN-SA5A-735-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
70.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
189.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
256.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
357.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
483.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
604.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
686.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
747.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
809.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
930.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1171.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1785.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2734.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3442.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3520.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3177.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2716.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2122.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1604.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1184.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
838.3											
623.6											
453.5											
341.4											
191.8											
86.8											
25.3											
12.1											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049009

CATALOG NUMBER: GALN-SA5A-735-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	90.5	89.3	89.3	88.1	86.8	85.6	84.4	83.2	82.0	80.8
0.0	5°	94.1	94.1	94.1	92.9	92.9	91.7	91.7	90.5	89.3	88.1
0.0	7.5°	97.7	98.9	98.9	100.1	100.1	100.1	100.1	98.9	98.9	98.9
0.0	10°	103.7	104.9	106.1	107.4	108.6	109.8	109.8	111.0	111.0	111.0
0.0	12.5°	111.0	114.6	117.0	120.6	123.0	126.7	129.1	132.7	135.1	137.5
0.0	15°	121.8	127.9	135.1	141.1	147.2	155.6	165.2	173.7	182.1	195.4
0.0	17.5°	137.5	156.8	176.1	194.2	213.5	255.7	297.9	338.9	381.2	442.7
0.0	20°	167.7	225.6	282.3	340.1	396.8	545.2	692.4	840.7	987.9	1145.9
0.0	22.5°	235.2	377.5	519.9	662.2	804.5	1114.5	1423.3	1733.3	2042.1	2405.2
0.0	25°	341.4	603.1	864.8	1125.4	1387.1	1872.0	2358.1	2843.0	3327.9	3799.5
0.0	27.5°	497.0	897.4	1297.9	1697.1	2097.6	2755.0	3413.5	4070.9	4728.3	5261.4
0.0	30°	688.7	1231.5	1774.3	2317.1	2859.9	3607.7	4355.6	5102.2	5850.1	6432.7
0.0	32.5°	869.7	1534.3	2198.9	2862.3	3526.9	4378.5	5231.3	6082.9	6934.4	7571.3
0.0	35°	987.9	1791.2	2595.7	3399.1	4202.4	5123.9	6045.5	6965.8	7887.3	8614.7
0.0	37.5°	1106.1	2033.6	2960.0	3887.6	4813.9	5825.9	6837.9	7849.9	8861.9	9760.6
0.0	40°	1238.8	2326.8	3413.5	4501.5	5588.3	6787.3	7985.0	9184.0	10381.7	11649.5
0.0	42.5°	1469.1	2812.9	4157.8	5501.5	6845.2	8431.3	10017.5	11602.4	13188.6	14997.9
0.0	45°	1902.2	3795.9	5690.8	7584.6	9478.3	11579.5	13681.9	15783.1	17884.3	20291.9
0.0	47.5°	2962.4	5567.8	8172.0	10777.4	13381.6	15650.4	17918.1	20186.9	22454.6	24852.5
0.0	50°	4532.9	7565.3	10597.7	13628.8	16661.2	18714.2	20765.9	22818.8	24870.6	27151.5
0.0	52.5°	5669.1	8828.2	11988.4	15147.4	18306.5	20159.2	22013.1	23865.8	25718.5	27849.9
0.0	55°	5754.8	8895.7	12037.9	15178.8	18319.7	20180.9	22042.1	23903.2	25764.4	28023.6
0.0	57.5°	5095.0	8210.6	11325.0	14440.6	17555.0	19674.3	21792.4	23911.7	26029.7	28472.3
0.0	60°	4333.9	7450.7	10566.3	13683.1	16798.7	19240.1	21682.6	24124.0	26565.3	28853.5
0.0	62.5°	3381.0	6587.0	9794.3	13000.4	16206.5	18685.2	21163.9	23641.5	26120.2	27836.6
0.0	65°	2519.7	5632.9	8746.1	11858.1	14971.3	16956.7	18942.1	20926.3	22911.7	23974.4
0.0	67.5°	1821.4	4506.4	7190.1	9875.1	12558.9	13979.8	15400.7	16820.4	18241.3	19054.3
	70°	1231.5	3091.5	4950.2	6810.2	8668.9	9836.5	11005.3	12172.9	13340.5	14438.2
	72.5°	852.8	1897.3	2943.1	3987.7	5032.3	6207.1	7380.7	8555.6	9729.2	10890.8
	75°	565.7	1040.9	1517.4	1992.6	2467.9	3337.5	4208.4	5078.1	5947.8	6640.1
	77.5°	401.7	544.0	687.5	829.9	972.2	1135.0	1299.1	1461.9	1624.7	1872.0
	80°	190.6	208.7	226.8	243.7	261.7	320.8	380.0	439.1	498.2	560.9
	82.5°	90.5	97.7	104.9	111.0	118.2	124.2	130.3	136.3	142.3	136.3
	85°	24.1	24.1	25.3	25.3	25.3	25.3	25.3	25.3	25.3	24.1
	87.5°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	9.6	9.6	8.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049009

CATALOG NUMBER: GALN-SA5A-735-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
70.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
209.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
503.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1305.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2768.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4271.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5794.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7016.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8209.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9342.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10660.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12917.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16807.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22699.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27250.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29432.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29981.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30284.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30914.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31140.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29554.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25038.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19868.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15534.6											
12052.3											
7332.5											
2119.3											
623.6											
129.1											
22.9											
8.4											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1049009

CATALOG NUMBER: GALN-SA5A-735-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	78.4	77.2	76.0	74.8	73.6	71.2	71.2	70.0	70.0
0.0	5°	85.6	84.4	83.2	82.0	82.0	80.8	79.6	79.6	78.4
0.0	7.5°	97.7	96.5	95.3	94.1	94.1	92.9	92.9	91.7	91.7
0.0	10°	112.2	112.2	112.2	112.2	112.2	111.0	111.0	111.0	109.8
0.0	12.5°	141.1	142.3	144.7	147.2	150.8	150.8	150.8	149.6	149.6
0.0	15°	223.1	236.4	246.1	255.7	264.2	283.5	281.0	277.4	275.0
0.0	17.5°	564.5	624.8	657.4	688.7	721.3	810.6	796.1	781.6	768.3
0.0	20°	1463.1	1621.1	1726.1	1831.0	1937.2	2104.8	2063.8	2022.8	1981.8
0.0	22.5°	3130.1	3493.1	3651.2	3809.2	3966.0	4168.6	4037.1	3905.7	3775.4
0.0	25°	4741.6	5213.2	5479.8	5746.3	6011.7	6127.5	5956.2	5783.7	5612.4
0.0	27.5°	6327.7	6860.9	7096.1	7330.1	7565.3	7807.7	7595.4	7381.9	7169.6
0.0	30°	7599.0	8181.6	8436.1	8689.4	8944.0	9112.8	8893.3	8672.6	8453.0
0.0	32.5°	8846.3	9483.1	9761.8	10040.4	10317.8	10560.3	10290.1	10018.7	9748.5
0.0	35°	10068.1	10795.5	11179.0	11562.6	11946.2	12171.7	11850.9	11528.8	11208.0
0.0	37.5°	11559.0	12457.6	12887.0	13316.4	13745.8	14157.1	13803.7	13449.1	13095.7
0.0	40°	14184.9	15452.6	16111.2	16771.0	17429.6	17960.3	17514.0	17067.7	16621.4
0.0	42.5°	18616.5	20425.7	21372.6	22318.3	23265.1	24093.8	23624.6	23155.4	22686.2
0.0	45°	25107.0	27514.6	28668.9	29822.0	30976.4	31581.9	30906.4	30229.7	29554.3
0.0	47.5°	29647.1	32045.0	33072.7	34100.4	35128.1	35819.2	34993.0	34166.8	33341.7
0.0	50°	31712.1	33993.1	35024.4	36054.4	37085.7	37634.6	36680.5	35725.2	34771.1
0.0	52.5°	32111.4	34242.7	35473.1	36704.6	37934.9	38668.3	37541.7	36413.9	35287.3
0.0	55°	32543.2	34802.4	36229.3	37657.5	39084.4	40100.0	38826.3	37551.3	36277.6
0.0	57.5°	33356.2	35798.7	37222.0	38644.2	40067.5	40929.9	39652.5	38374.0	37096.6
0.0	60°	33428.6	35715.5	36938.6	38162.9	39386.0	39928.8	38706.9	37483.8	36261.9
0.0	62.5°	31270.7	32987.1	33836.3	34685.4	35534.6	36124.4	34849.5	33573.3	32298.4
0.0	65°	26100.9	27163.6	27840.2	28516.9	29193.6	29896.8	28729.2	27561.6	26394.0
0.0	67.5°	20681.5	21494.4	22385.8	23277.2	24168.6	24920.0	23985.2	23049.2	22114.4
	70°	16632.3	17728.7	18731.0	19733.4	20735.7	21350.9	20412.5	19472.9	18534.4
	72.5°	13213.9	14375.5	15212.6	16048.5	16885.6	17036.3	16346.4	15656.4	14967.7
	75°	8023.6	8716.0	8732.9	8748.6	8765.4	8909.0	8337.2	7765.5	7195.0
	77.5°	2366.6	2613.8	2817.7	3020.3	3224.2	3470.2	3260.4	3049.3	2839.4
	80°	685.1	747.8	800.9	852.8	905.9	874.5	825.0	775.6	726.1
	82.5°	123.0	115.8	114.6	113.4	113.4	107.4	97.7	88.1	78.4
	85°	21.7	20.5	19.3	18.1	16.9	15.7	13.3	12.1	9.6
	87.5°	7.2	6.0	4.8	3.6	3.6	1.2	1.2	1.2	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049009

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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049009

CATALOG NUMBER: GALN-SA5A-735-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	0.0	2.5°	68.8	67.5	67.5	67.5	67.5	66.3	66.3	66.3	66.3
0.0	0.0	5°	76.0	76.0	74.8	74.8	73.6	73.6	72.4	72.4	71.2
0.0	0.0	7.5°	89.3	88.1	86.8	85.6	84.4	82.0	80.8	79.6	79.6
0.0	0.0	10°	107.4	104.9	103.7	101.3	100.1	97.7	95.3	92.9	90.5
0.0	0.0	12.5°	141.1	136.3	132.7	127.9	123.0	119.4	114.6	111.0	106.1
0.0	0.0	15°	244.9	232.8	219.5	203.8	187.0	171.3	154.4	144.7	133.9
0.0	0.0	17.5°	626.0	563.3	499.4	447.5	395.6	345.0	293.1	255.7	218.3
0.0	0.0	20°	1593.4	1419.7	1246.0	1074.7	902.2	731.0	558.5	471.6	384.8
0.0	0.0	22.5°	2998.6	2676.6	2353.3	2040.9	1727.3	1414.9	1102.5	905.9	710.5
0.0	0.0	25°	4628.2	4222.9	3817.6	3303.8	2788.7	2274.9	1761.0	1441.4	1121.8
0.0	0.0	27.5°	6022.5	5555.7	5088.9	4464.1	3839.3	3214.5	2589.7	2113.3	1638.0
0.0	0.0	30°	7229.9	6728.2	6226.4	5499.1	4771.7	4044.4	3317.0	2721.2	2125.3
0.0	0.0	32.5°	8276.9	7676.2	7075.6	6325.3	5575.0	4824.8	4074.5	3343.6	2612.6
0.0	0.0	35°	9484.3	8783.5	8081.5	7249.2	6415.8	5583.5	4751.2	3926.2	3099.9
0.0	0.0	37.5°	11018.6	10158.6	9297.4	8369.8	7442.2	6515.9	5588.3	4645.1	3701.8
0.0	0.0	40°	13955.7	12846.0	11736.3	10557.8	9378.2	8199.7	7021.3	5863.3	4705.4
0.0	0.0	42.5°	19218.3	17719.0	16219.7	14651.7	13082.4	11514.4	9945.1	8311.9	6677.5
0.0	0.0	45°	25157.7	23297.7	21436.5	19676.7	17915.7	16155.8	14396.0	12154.9	9913.7
0.0	0.0	47.5°	28497.6	26489.3	24481.0	22815.2	21149.5	19483.7	17817.9	15401.9	12985.9
0.0	0.0	50°	29726.7	27682.2	25637.7	24104.7	22570.4	21037.3	19503.0	17083.4	14662.5
0.0	0.0	52.5°	29988.5	27903.0	25817.5	24274.7	22732.0	21190.5	19647.8	17243.8	14839.8
0.0	0.0	55°	30526.4	28289.0	26050.2	24291.6	22533.0	20774.3	19015.7	16573.2	14130.6
0.0	0.0	57.5°	31229.7	28935.5	26641.3	24637.8	22634.3	20632.0	18628.5	15958.0	13287.5
0.0	0.0	60°	31045.1	29048.9	27051.4	24905.6	22758.5	20612.7	18465.7	15528.6	12590.3
0.0	0.0	62.5°	27841.5	26251.7	24660.7	22896.0	21130.2	19365.5	17600.8	14576.9	11553.0
0.0	0.0	65°	22904.5	21744.1	20583.8	19164.1	17743.2	16323.5	14903.8	12192.2	9481.9
0.0	0.0	67.5°	18563.4	17255.9	15947.1	14815.7	13683.1	12551.7	11419.1	9285.3	7151.5
		70°	14748.2	13326.1	11902.8	10797.9	9691.8	8586.9	7482.0	6063.6	4646.3
		72.5°	11712.2	10430.0	9147.8	7969.3	6789.7	5611.2	4431.6	3593.3	2755.0
		75°	5598.0	5085.3	4572.7	3956.3	3340.0	2723.6	2107.2	1741.7	1377.5
		77.5°	2074.7	1798.4	1521.0	1270.1	1019.2	769.6	518.7	475.2	431.8
		80°	536.8	468.0	398.0	348.6	297.9	248.5	199.0	179.7	161.6
		82.5°	61.5	56.7	53.1	50.7	47.0	44.6	41.0	37.4	33.8
		85°	3.6	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA5A-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049009

CATALOG NUMBER: GALN-SA5A-735-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	70.0	70.0
0.0	0.0	2.5°	65.1	63.9
0.0	0.0	5°	68.8	67.5
0.0	0.0	7.5°	76.0	73.6
0.0	0.0	10°	83.2	80.8
0.0	0.0	12.5°	94.1	90.5
0.0	0.0	15°	106.1	98.9
0.0	0.0	17.5°	126.7	111.0
0.0	0.0	20°	171.3	131.5
0.0	0.0	22.5°	241.2	164.0
0.0	0.0	25°	354.6	226.8
0.0	0.0	27.5°	493.3	301.5
0.0	0.0	30°	656.2	377.5
0.0	0.0	32.5°	799.7	449.9
0.0	0.0	35°	986.7	523.5
0.0	0.0	37.5°	1217.1	617.6
0.0	0.0	40°	1574.1	759.9
0.0	0.0	42.5°	2217.0	1022.9
0.0	0.0	45°	3600.5	1768.3
0.0	0.0	47.5°	5540.1	2925.0
0.0	0.0	50°	6777.6	3733.2
0.0	0.0	52.5°	6878.9	3727.2
0.0	0.0	55°	6279.5	3313.4
0.0	0.0	57.5°	5357.9	2769.4
0.0	0.0	60°	4453.3	2190.5
0.0	0.0	62.5°	3508.8	1512.6
0.0	0.0	65°	2564.4	1069.9
0.0	0.0	67.5°	1841.9	799.7
		70°	1211.0	612.7
		72.5°	788.9	499.4
		75°	530.7	413.7
		77.5°	310.0	275.0
		80°	109.8	96.5
		82.5°	20.5	14.5
		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



REPORT NUMBER: P1049009

CATALOG NUMBER: GALN-SA5A-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

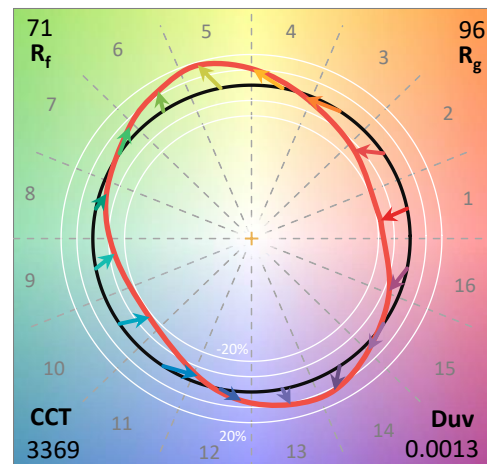
Test Information

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

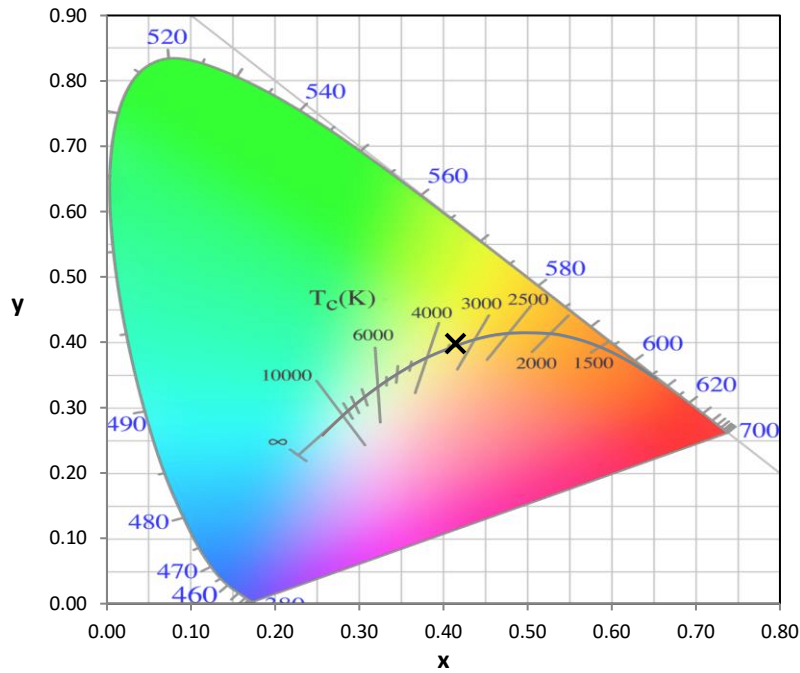
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

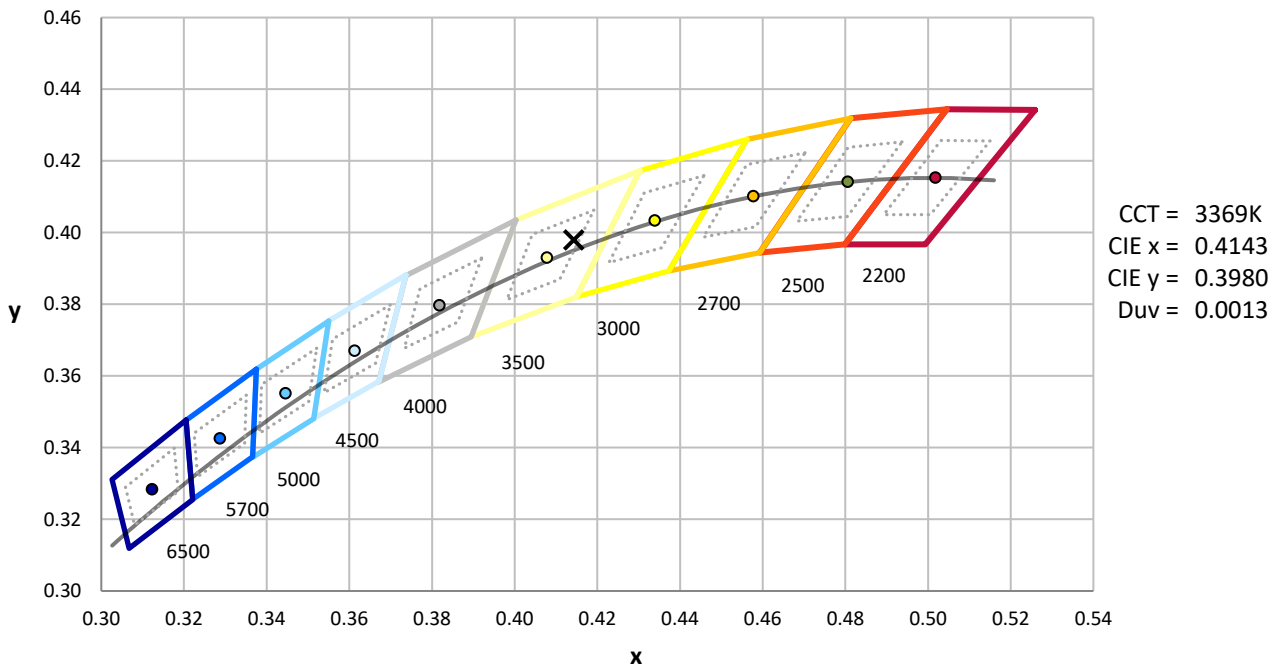
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



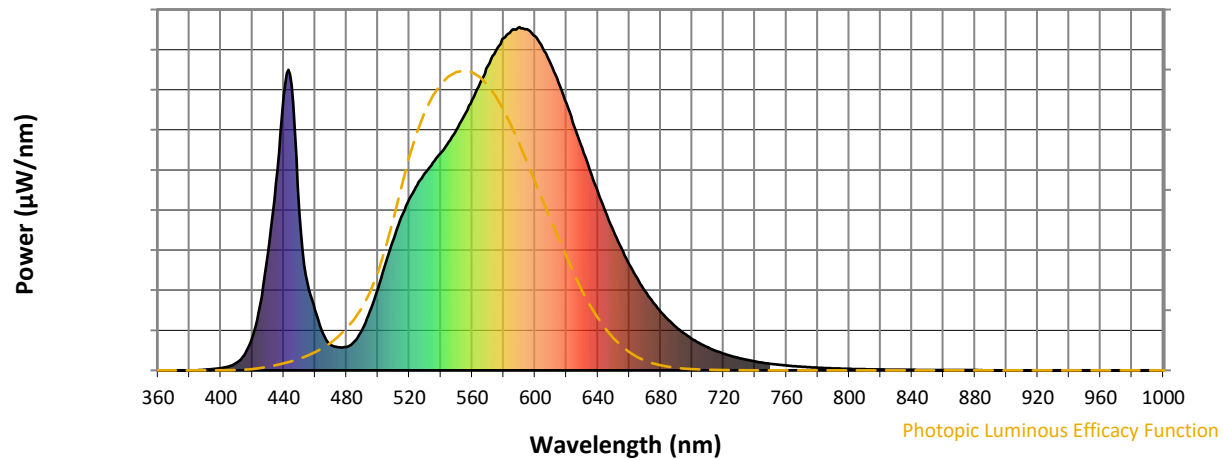
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

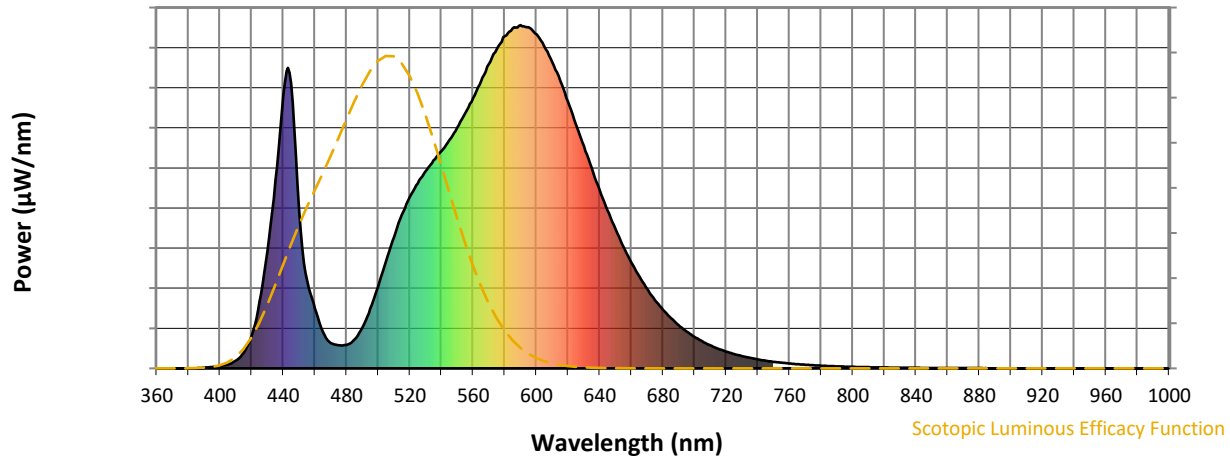


Photopic Lumens: NR

λ (nm)	Power 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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Scotopic Flux vs. Wavelength



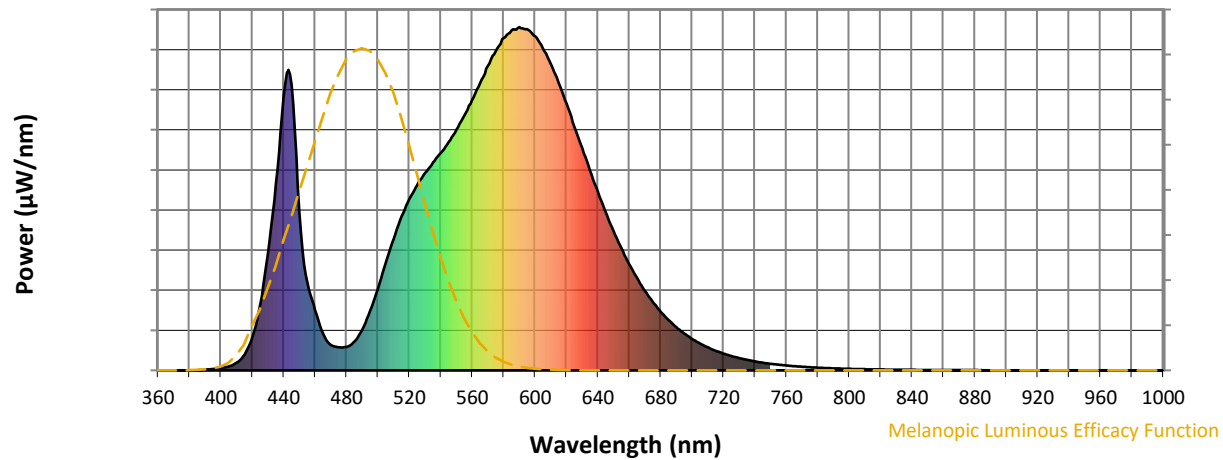
Scotopic Lumens: NR

S/P: 1.29

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

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

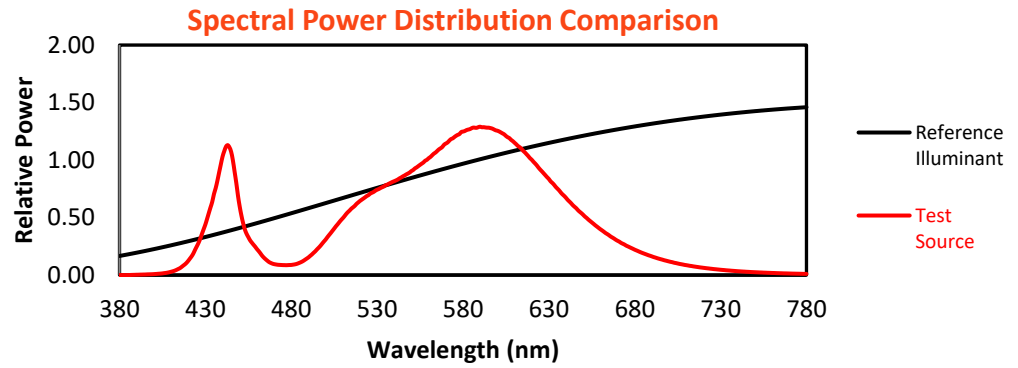
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630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

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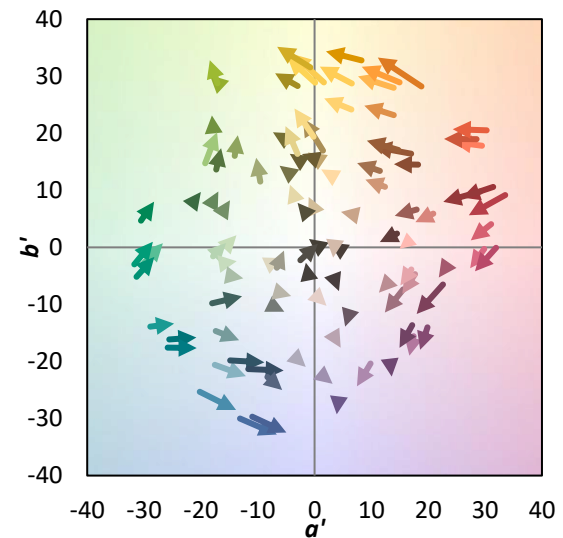
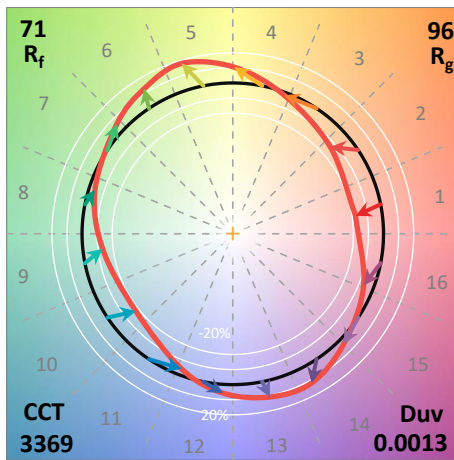
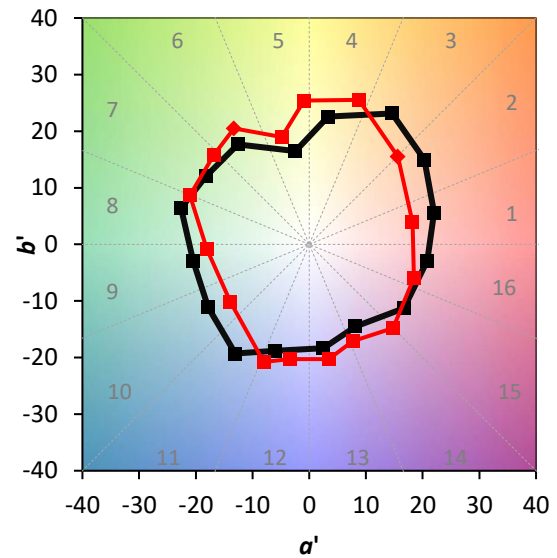
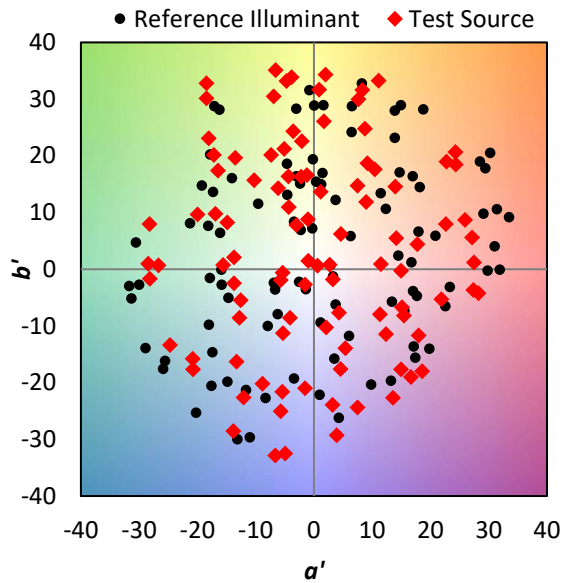
TM-30-18

Summary

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

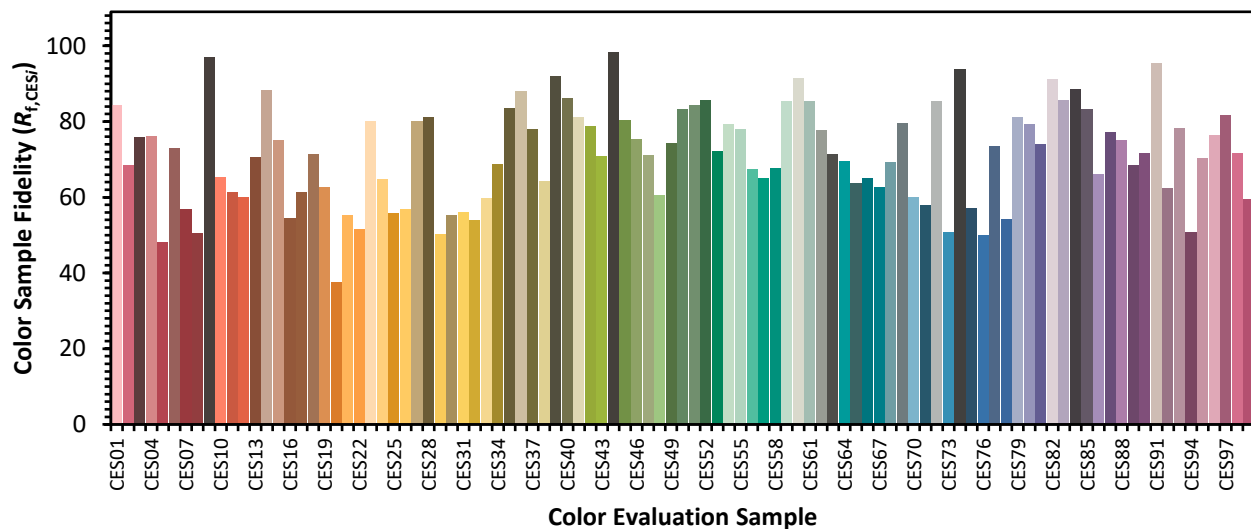


Color Vector Graphics

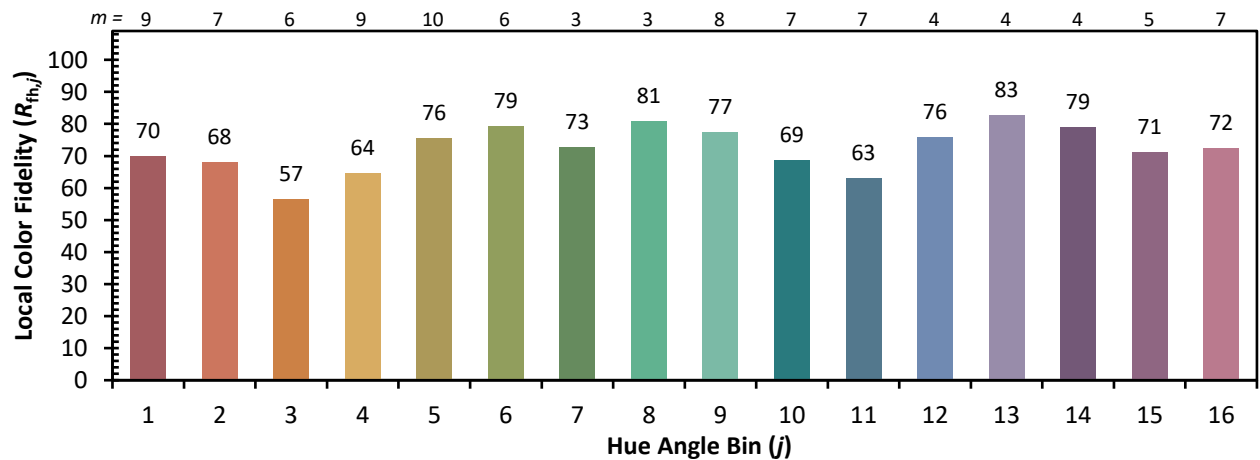
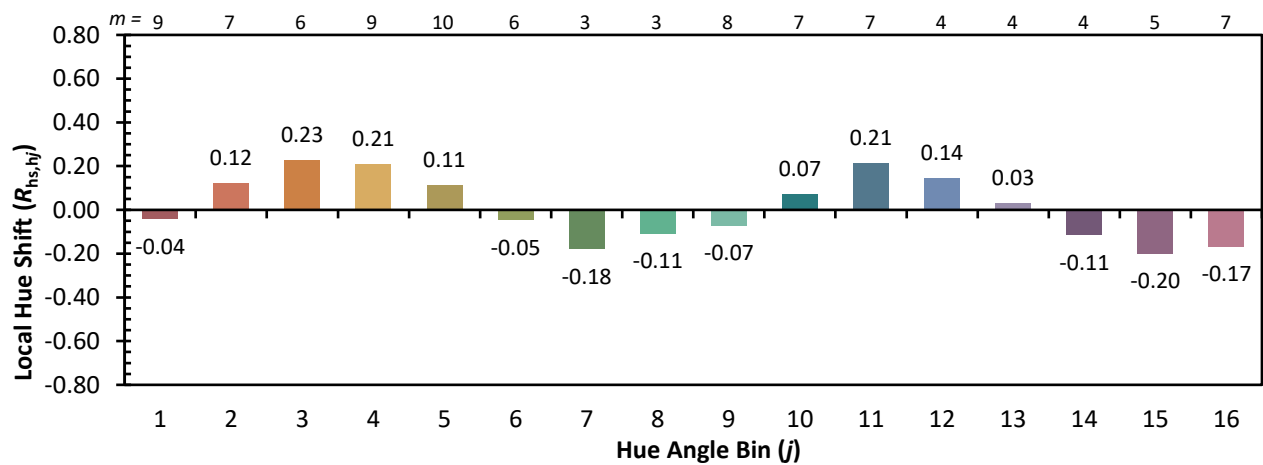
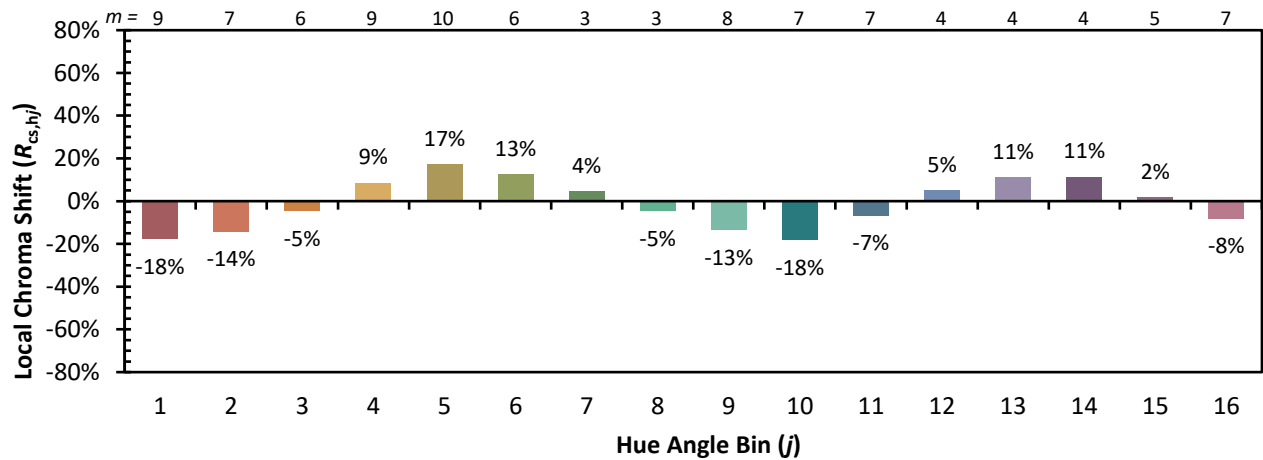


Individual Sample Fidelity Index ($R_{f,i}$)

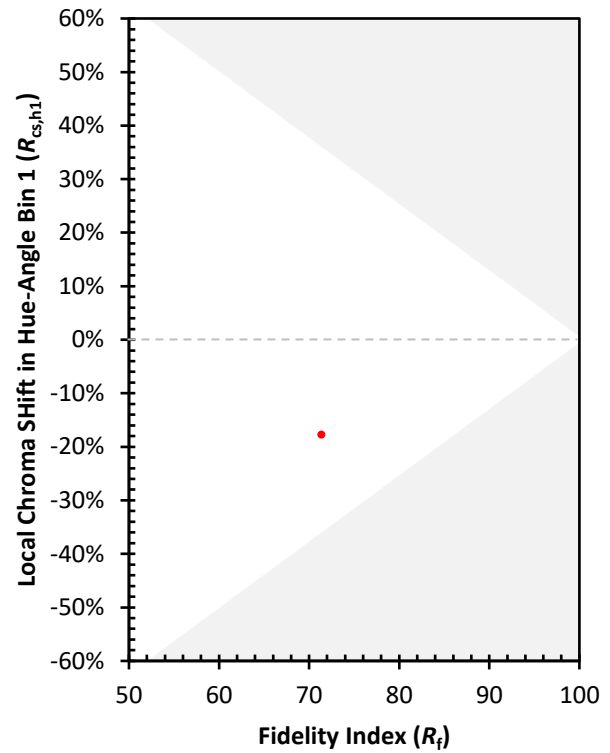
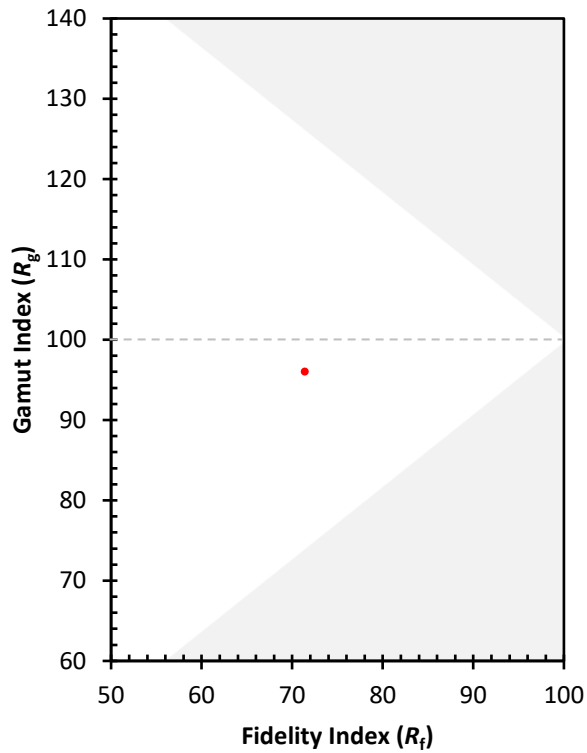
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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