

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: P1049041

Luminaire Tested: **GALN-SA4A-750-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049041
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4A-750-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE
70CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

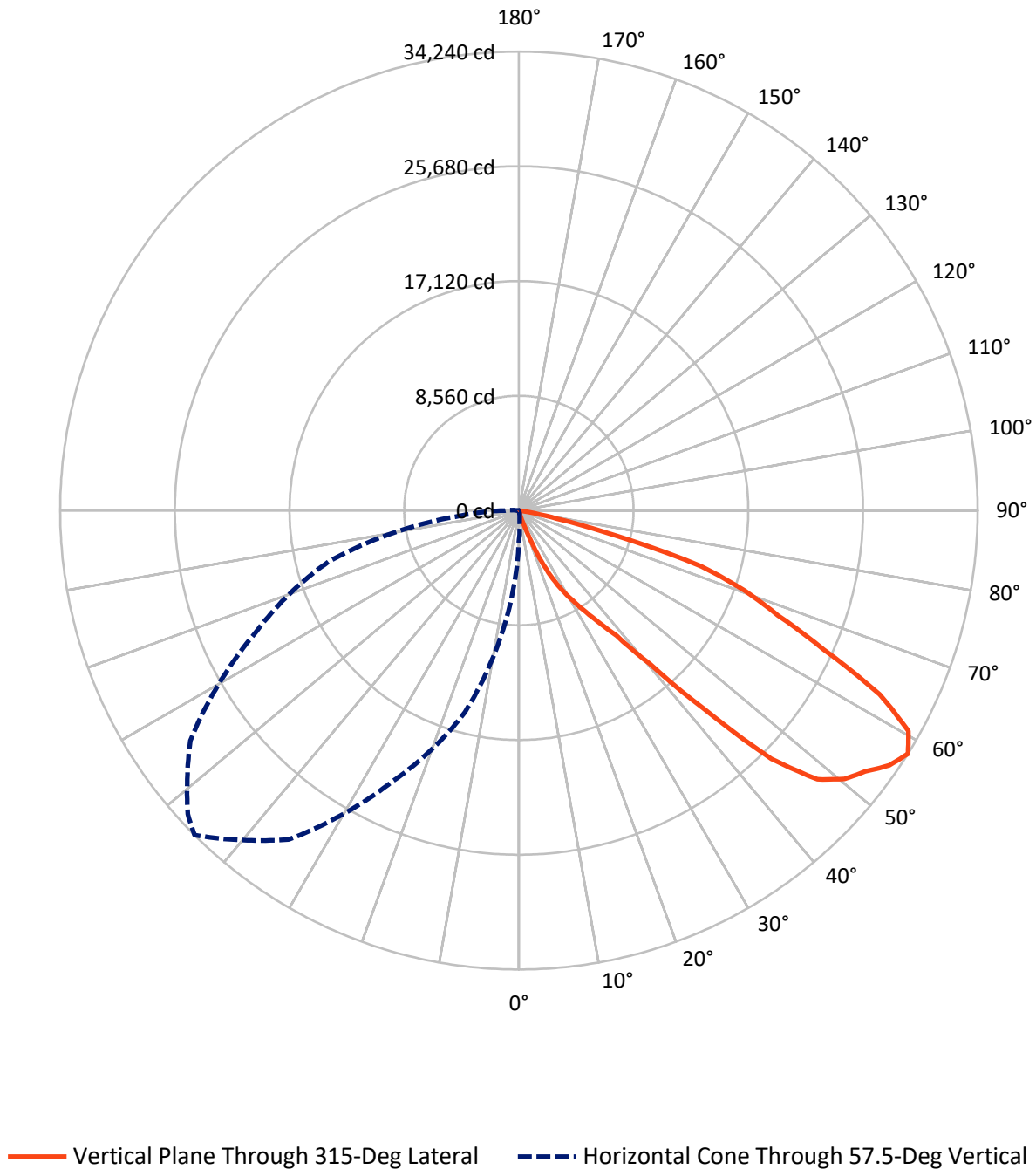
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13352.5 lumens
Efficiency: N/A
Efficacy: 124.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 107.4
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	66.9	0.0	66.9
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	13285.6	0.0	13285.6
	% Fixture	99.5	0.0	99.5
Total	Lumens	13352.5	0.0	13352.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.2	0.0
10°-20°	29.3	0.2
20°-30°	316.4	2.4
30°-40°	935.8	7.0
40°-50°	2788.8	20.9
50°-60°	4422.0	33.1
60°-70°	3691.3	27.6
70°-80°	1138.3	8.5
80°-90°	25.3	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°	13352.5	100.0
0°-180°	13352.5	100.0

Coefficient of Utilization



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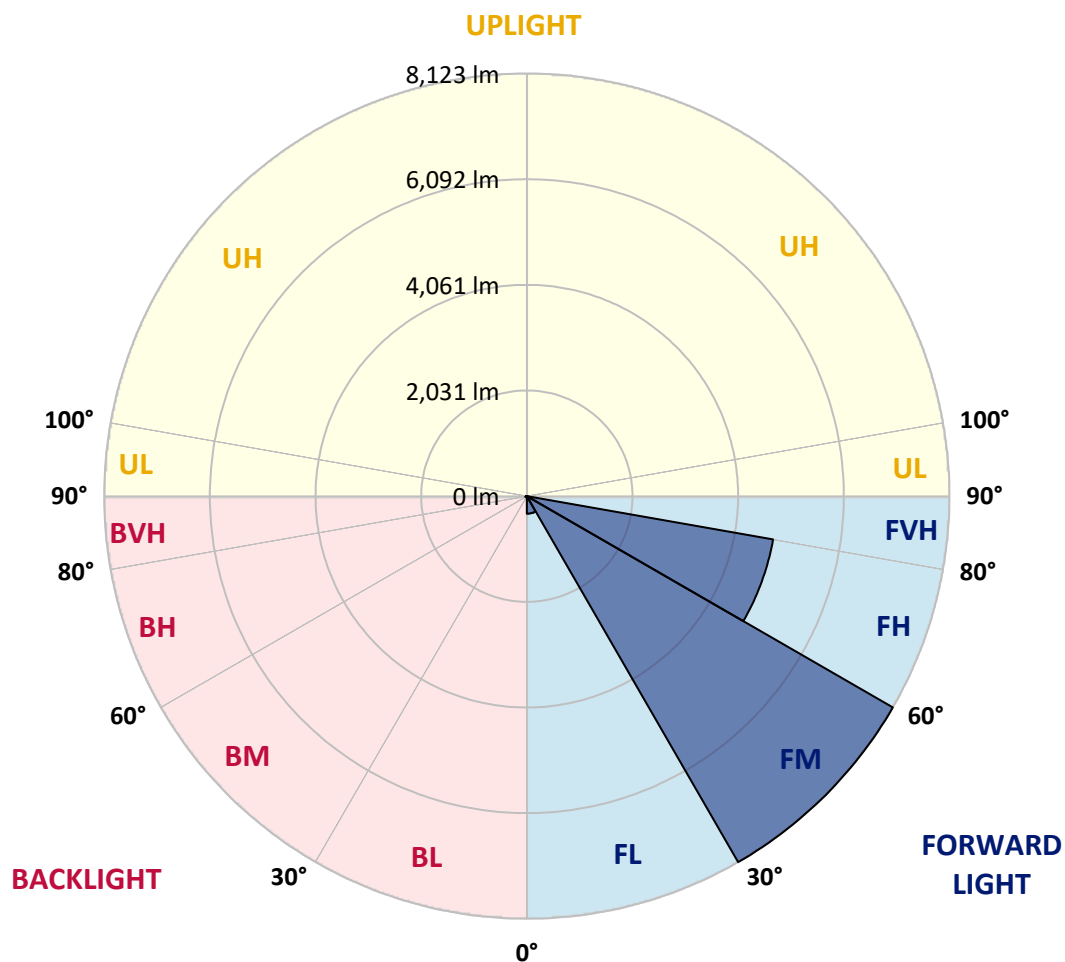
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	338.7	2.5			
FM	(30°-60°)	8122.7	60.8			
FH	(60°-80°)	4804.7	36.0			G2/5000
FVH	(80°-90°)	19.6	0.1			G1/100
BL	(0°-30°)	12.3	0.1	B0/110		
BM	(30°-60°)	23.9	0.2	B0/220		
BH	(60°-80°)	24.9	0.2	B0/110		G0/110
BVH	(80°-90°)	5.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
2.5°	53.5	53.5	53.5	53.5	52.5	52.5	51.5	51.5	50.5	50.5
5°	56.5	56.5	55.5	54.5	54.5	53.5	52.5	51.5	51.5	50.5
7.5°	61.6	60.5	59.5	58.5	56.5	55.5	53.5	52.5	51.5	49.4
10°	67.6	65.6	63.6	61.6	59.5	57.5	55.5	54.5	52.5	51.5
12.5°	75.7	72.7	68.6	65.6	63.6	60.5	58.5	56.5	53.5	51.5
15°	82.7	78.7	73.7	69.6	66.6	62.6	59.5	56.5	54.5	51.5
17.5°	92.8	85.8	77.7	72.7	68.6	63.6	58.5	55.5	52.5	48.4
20°	110.0	95.9	80.7	74.7	68.6	62.6	56.5	52.5	49.4	45.4
22.5°	137.2	113.0	88.8	79.7	71.6	62.6	54.5	50.5	46.4	42.4
25°	189.7	146.3	102.9	90.8	78.7	66.6	54.5	49.4	45.4	40.4
27.5°	252.3	187.7	122.1	104.9	88.8	71.6	54.5	48.4	43.4	37.3
30°	315.8	230.1	143.3	121.1	98.9	76.7	54.5	47.4	41.4	34.3
32.5°	376.4	269.4	161.4	135.2	109.0	81.7	55.5	47.4	39.4	31.3
35°	437.9	301.7	164.5	137.2	110.0	81.7	54.5	45.4	37.3	28.3
37.5°	516.6	338.0	158.4	131.2	104.9	77.7	51.5	43.4	35.3	26.2
40°	635.7	398.6	161.4	133.2	104.9	76.7	48.4	40.4	33.3	25.2
42.5°	855.7	515.6	174.6	142.3	110.0	76.7	44.4	37.3	31.3	24.2
45°	1479.2	856.7	234.1	185.7	137.2	88.8	40.4	34.3	29.3	23.2
47.5°	2446.9	1433.8	420.8	324.9	230.1	134.2	39.4	34.3	29.3	23.2
50°	3123.0	1826.4	529.7	407.7	285.6	163.5	41.4	35.3	30.3	24.2
52.5°	3117.9	1854.6	590.3	453.1	316.8	179.6	43.4	37.3	32.3	26.2
55°	2771.8	1687.1	601.4	462.1	323.9	184.7	46.4	40.4	34.3	28.3
57.5°	2316.7	1432.8	548.9	424.8	301.7	177.6	53.5	46.4	40.4	33.3
60°	1832.4	1130.1	427.8	338.0	249.2	159.4	70.6	61.6	53.5	44.4
62.5°	1265.3	819.3	373.3	299.7	227.0	153.4	80.7	71.6	63.6	54.5
65°	895.0	616.5	337.0	274.5	212.9	150.3	87.8	77.7	68.6	58.5
67.5°	669.0	490.4	310.8	257.3	203.8	150.3	96.9	84.8	73.7	61.6
70°	512.6	402.6	291.6	248.2	205.8	162.5	119.1	101.9	85.8	68.6
72.5°	417.7	344.1	269.4	238.1	206.9	175.6	144.3	122.1	99.9	76.7
75°	346.1	294.6	243.2	216.9	191.7	165.5	139.2	119.1	99.9	79.7
77.5°	230.1	209.9	188.7	173.6	158.4	142.3	127.1	110.0	93.8	76.7
80°	80.7	77.7	74.7	80.7	86.8	92.8	98.9	86.8	75.7	63.6
82.5°	12.1	11.1	10.1	11.1	12.1	13.1	14.1	15.1	16.1	17.2
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-SA4A-750-U-RBC

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°	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
0.0	2.5°	49.4	49.4	48.4	48.4	48.4	47.4	47.4	46.4	46.4	46.4
0.0	5°	48.4	48.4	47.4	46.4	45.4	45.4	44.4	43.4	43.4	42.4
0.0	7.5°	47.4	46.4	45.4	44.4	43.4	42.4	41.4	40.4	40.4	39.4
0.0	10°	48.4	46.4	45.4	43.4	42.4	41.4	39.4	38.3	37.3	37.3
0.0	12.5°	46.4	45.4	43.4	41.4	40.4	38.3	37.3	35.3	34.3	34.3
0.0	15°	46.4	44.4	41.4	39.4	37.3	36.3	34.3	32.3	31.3	30.3
0.0	17.5°	43.4	41.4	38.3	36.3	34.3	32.3	30.3	28.3	27.2	26.2
0.0	20°	39.4	37.3	34.3	31.3	29.3	27.2	25.2	23.2	22.2	21.2
0.0	22.5°	35.3	33.3	30.3	27.2	25.2	23.2	20.2	18.2	17.2	15.1
0.0	25°	33.3	30.3	27.2	24.2	21.2	19.2	16.1	13.1	11.1	9.1
0.0	27.5°	28.3	25.2	22.2	19.2	16.1	13.1	10.1	7.1	5.0	4.0
0.0	30°	24.2	21.2	18.2	15.1	11.1	8.1	5.0	1.0	1.0	1.0
0.0	32.5°	20.2	17.2	13.1	10.1	8.1	5.0	3.0	0.0	0.0	0.0
0.0	35°	16.1	13.1	9.1	6.1	5.0	3.0	2.0	0.0	0.0	0.0
0.0	37.5°	14.1	11.1	7.1	3.0	2.0	2.0	1.0	0.0	0.0	0.0
0.0	40°	13.1	9.1	5.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.0	42.5°	13.1	9.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	13.1	9.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	13.1	9.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	14.1	10.1	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	16.1	12.1	8.1	4.0	3.0	2.0	1.0	0.0	0.0	0.0
0.0	55°	20.2	18.2	15.1	13.1	10.1	7.1	3.0	0.0	0.0	0.0
0.0	57.5°	26.2	26.2	25.2	24.2	18.2	12.1	6.1	0.0	0.0	0.0
0.0	60°	35.3	35.3	35.3	35.3	26.2	18.2	9.1	0.0	0.0	0.0
0.0	62.5°	43.4	41.4	38.3	36.3	27.2	18.2	9.1	0.0	0.0	0.0
0.0	65°	43.4	39.4	34.3	29.3	22.2	15.1	7.1	0.0	0.0	0.0
0.0	67.5°	40.4	32.3	23.2	15.1	11.1	8.1	4.0	0.0	0.0	0.0
	70°	40.4	28.3	16.1	4.0	3.0	2.0	1.0	0.0	0.0	0.0
	72.5°	40.4	27.2	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	44.4	30.3	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	44.4	30.3	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	39.4	26.2	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	13.1	9.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
0.0	2.5°	45.4	45.4	45.4	44.4	44.4	44.4	44.4	43.4	43.4	43.4
0.0	5°	41.4	41.4	40.4	40.4	39.4	39.4	38.3	38.3	37.3	37.3
0.0	7.5°	38.3	37.3	37.3	36.3	35.3	35.3	34.3	34.3	33.3	32.3
0.0	10°	35.3	34.3	34.3	33.3	32.3	31.3	31.3	30.3	29.3	28.3
0.0	12.5°	32.3	31.3	30.3	29.3	28.3	27.2	27.2	26.2	25.2	24.2
0.0	15°	28.3	27.2	26.2	25.2	24.2	23.2	23.2	22.2	21.2	20.2
0.0	17.5°	24.2	23.2	23.2	22.2	21.2	20.2	19.2	17.2	16.1	15.1
0.0	20°	18.2	17.2	16.1	15.1	14.1	12.1	11.1	9.1	7.1	6.1
0.0	22.5°	12.1	10.1	9.1	7.1	5.0	4.0	3.0	1.0	0.0	0.0
0.0	25°	4.0	3.0	2.0	1.0	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



REPORT NUMBER: P1049041

CATALOG NUMBER: GALN-SA4A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049041

CATALOG NUMBER: GALN-SA4A-750-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
0.0	2.5°	42.4	42.4	42.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
0.0	5°	36.3	36.3	36.3	35.3	35.3	34.3	34.3	34.3	33.3	33.3
0.0	7.5°	31.3	30.3	30.3	29.3	29.3	28.3	28.3	28.3	27.2	27.2
0.0	10°	26.2	25.2	25.2	24.2	24.2	23.2	23.2	22.2	22.2	21.2
0.0	12.5°	23.2	22.2	21.2	20.2	20.2	19.2	18.2	18.2	17.2	16.1
0.0	15°	18.2	17.2	16.1	15.1	14.1	13.1	12.1	12.1	11.1	10.1
0.0	17.5°	12.1	10.1	9.1	8.1	8.1	7.1	6.1	5.0	4.0	3.0
0.0	20°	3.0	2.0	1.0	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



REPORT NUMBER: P1049041

CATALOG NUMBER: GALN-SA4A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049041

CATALOG NUMBER: GALN-SA4A-750-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°	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
0.0	2.5°	41.4	40.4	40.4	40.4	41.4	41.4	41.4	41.4	41.4	41.4
0.0	5°	33.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
0.0	7.5°	27.2	26.2	26.2	26.2	26.2	25.2	25.2	25.2	25.2	25.2
0.0	10°	21.2	20.2	20.2	20.2	20.2	19.2	19.2	19.2	19.2	19.2
0.0	12.5°	15.1	15.1	14.1	14.1	14.1	13.1	13.1	13.1	13.1	12.1
0.0	15°	9.1	8.1	7.1	7.1	7.1	6.1	6.1	6.1	6.1	5.0
0.0	17.5°	2.0	2.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049041

CATALOG NUMBER: GALN-SA4A-750-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
0.0	2.5°	42.4	42.4	43.4	43.4	44.4	46.4	47.4	48.4	50.5	52.5
0.0	5°	33.3	34.3	34.3	35.3	36.3	37.3	38.3	39.4	41.4	43.4
0.0	7.5°	26.2	26.2	27.2	27.2	28.3	30.3	31.3	32.3	34.3	37.3
0.0	10°	20.2	20.2	21.2	21.2	22.2	24.2	25.2	26.2	28.3	31.3
0.0	12.5°	13.1	14.1	14.1	15.1	16.1	18.2	19.2	20.2	22.2	24.2
0.0	15°	6.1	7.1	7.1	8.1	9.1	11.1	12.1	13.1	15.1	18.2
0.0	17.5°	1.0	1.0	2.0	2.0	3.0	4.0	5.0	6.1	9.1	11.1
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	4.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049041

CATALOG NUMBER: GALN-SA4A-750-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°	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
0.0	2.5°	55.5	57.5	59.5	61.6	63.6	65.6	66.6	68.6	69.6	70.6
0.0	5°	47.4	49.4	52.5	54.5	56.5	58.5	60.5	61.6	62.6	63.6
0.0	7.5°	41.4	43.4	46.4	48.4	50.5	52.5	54.5	56.5	57.5	58.5
0.0	10°	35.3	38.3	40.4	43.4	45.4	47.4	49.4	51.5	53.5	54.5
0.0	12.5°	28.3	31.3	34.3	36.3	39.4	42.4	44.4	46.4	48.4	50.5
0.0	15°	22.2	25.2	28.3	30.3	33.3	36.3	39.4	41.4	43.4	45.4
0.0	17.5°	16.1	19.2	22.2	24.2	27.2	30.3	32.3	35.3	37.3	39.4
0.0	20°	8.1	11.1	14.1	17.2	20.2	23.2	25.2	28.3	30.3	32.3
0.0	22.5°	1.0	4.0	7.1	9.1	12.1	15.1	17.2	20.2	22.2	24.2
0.0	25°	0.0	1.0	3.0	4.0	5.0	7.1	9.1	11.1	13.1	15.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.0	2.0	4.0	6.1	8.1
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
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	1.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	2.0
	85°	0.0	0.0	0.0	0.0	0.0	2.0	3.0	5.0	6.1	7.1
	87.5°	0.0	1.0	2.0	3.0	4.0	6.1	8.1	10.1	11.1	12.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049041

CATALOG NUMBER: GALN-SA4A-750-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
58.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
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REPORT NUMBER: P1049041

CATALOG NUMBER: GALN-SA4A-750-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
0.0	2.5°	71.6	71.6	71.6	71.6	70.6	70.6	70.6	69.6	69.6	68.6
0.0	5°	65.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	65.6	65.6
0.0	7.5°	60.5	61.6	62.6	62.6	63.6	63.6	63.6	62.6	62.6	61.6
0.0	10°	57.5	58.5	58.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
0.0	12.5°	53.5	54.5	55.5	55.5	56.5	56.5	56.5	56.5	55.5	55.5
0.0	15°	48.4	50.5	51.5	52.5	52.5	53.5	53.5	53.5	53.5	53.5
0.0	17.5°	44.4	46.4	47.4	48.4	48.4	49.4	49.4	50.5	50.5	50.5
0.0	20°	36.3	38.3	39.4	41.4	42.4	43.4	44.4	45.4	45.4	46.4
0.0	22.5°	28.3	30.3	31.3	33.3	34.3	35.3	36.3	37.3	38.3	39.4
0.0	25°	20.2	22.2	23.2	25.2	26.2	27.2	28.3	29.3	29.3	30.3
0.0	27.5°	11.1	13.1	15.1	16.1	18.2	19.2	20.2	21.2	22.2	23.2
0.0	30°	5.0	6.1	7.1	9.1	10.1	11.1	12.1	14.1	15.1	16.1
0.0	32.5°	0.0	0.0	1.0	3.0	4.0	5.0	6.1	7.1	7.1	8.1
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	3.0	4.0
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°	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	82.5°	5.0	6.1	7.1	7.1	8.1	8.1	8.1	8.1	7.1	7.1
	85°	10.1	11.1	12.1	12.1	13.1	13.1	13.1	13.1	13.1	13.1
	87.5°	14.1	15.1	16.1	16.1	17.2	17.2	17.2	17.2	17.2	17.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049041

CATALOG NUMBER: GALN-SA4A-750-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
58.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	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
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REPORT NUMBER: P1049041

CATALOG NUMBER: GALN-SA4A-750-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°	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
0.0	2.5°	67.6	67.6	66.6	66.6	66.6	66.6	66.6	67.6	68.6	68.6
0.0	5°	64.6	64.6	63.6	63.6	63.6	64.6	64.6	65.6	66.6	67.6
0.0	7.5°	61.6	60.5	60.5	61.6	61.6	62.6	62.6	63.6	64.6	65.6
0.0	10°	59.5	58.5	58.5	58.5	59.5	59.5	60.5	61.6	62.6	63.6
0.0	12.5°	55.5	55.5	55.5	55.5	56.5	56.5	57.5	58.5	60.5	61.6
0.0	15°	53.5	52.5	52.5	52.5	52.5	53.5	53.5	55.5	57.5	58.5
0.0	17.5°	49.4	49.4	48.4	48.4	49.4	49.4	50.5	52.5	54.5	55.5
0.0	20°	45.4	44.4	43.4	43.4	44.4	44.4	45.4	47.4	49.4	50.5
0.0	22.5°	39.4	38.3	38.3	38.3	38.3	39.4	39.4	41.4	44.4	46.4
0.0	25°	31.3	32.3	32.3	33.3	33.3	34.3	35.3	37.3	40.4	42.4
0.0	27.5°	24.2	25.2	25.2	27.2	28.3	29.3	30.3	33.3	36.3	38.3
0.0	30°	18.2	19.2	20.2	21.2	23.2	25.2	27.2	30.3	33.3	35.3
0.0	32.5°	11.1	13.1	14.1	16.1	18.2	20.2	22.2	25.2	29.3	32.3
0.0	35°	8.1	9.1	11.1	12.1	14.1	16.1	18.2	22.2	25.2	29.3
0.0	37.5°	4.0	6.1	8.1	10.1	12.1	14.1	16.1	20.2	24.2	27.2
0.0	40°	3.0	5.0	6.1	8.1	11.1	13.1	15.1	19.2	23.2	27.2
0.0	42.5°	2.0	3.0	4.0	7.1	9.1	12.1	15.1	19.2	23.2	27.2
0.0	45°	2.0	2.0	3.0	6.1	9.1	13.1	16.1	20.2	23.2	27.2
0.0	47.5°	2.0	3.0	4.0	8.1	10.1	13.1	16.1	19.2	23.2	26.2
0.0	50°	3.0	4.0	5.0	9.1	11.1	14.1	16.1	20.2	23.2	27.2
0.0	52.5°	2.0	3.0	4.0	8.1	11.1	15.1	18.2	22.2	26.2	29.3
0.0	55°	1.0	1.0	1.0	6.1	12.1	17.2	23.2	26.2	30.3	33.3
0.0	57.5°	0.0	0.0	0.0	4.0	12.1	19.2	26.2	30.3	34.3	37.3
0.0	60°	0.0	0.0	0.0	4.0	12.1	19.2	26.2	31.3	36.3	41.4
0.0	62.5°	0.0	0.0	0.0	4.0	10.1	16.1	22.2	30.3	39.4	47.4
0.0	65°	0.0	0.0	0.0	3.0	8.1	13.1	18.2	30.3	42.4	53.5
0.0	67.5°	0.0	0.0	0.0	3.0	8.1	12.1	17.2	30.3	42.4	55.5
	70°	0.0	0.0	0.0	3.0	8.1	13.1	18.2	30.3	42.4	54.5
	72.5°	0.0	0.0	0.0	3.0	9.1	14.1	20.2	30.3	40.4	50.5
	75°	0.0	0.0	0.0	4.0	9.1	15.1	21.2	30.3	39.4	47.4
	77.5°	0.0	0.0	0.0	3.0	9.1	14.1	20.2	29.3	38.3	46.4
	80°	3.0	2.0	2.0	5.0	9.1	13.1	17.2	26.2	36.3	45.4
	82.5°	6.1	6.1	5.0	7.1	9.1	12.1	15.1	23.2	32.3	40.4
	85°	12.1	12.1	11.1	12.1	12.1	13.1	14.1	18.2	22.2	26.2
	87.5°	16.1	16.1	15.1	15.1	15.1	14.1	14.1	14.1	14.1	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

REPORT NUMBER: P1049041

CATALOG NUMBER: GALN-SA4A-750-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
58.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.6											
60.5											
56.5											
55.5											
54.5											
48.4											
30.3											
13.1											
0.0											
0.0											
0.0											
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0.0											
0.0											

REPORT NUMBER: P1049041

CATALOG NUMBER: GALN-SA4A-750-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
0.0	2.5°	70.6	71.6	71.6	72.7	73.7	74.7	74.7	75.7	75.7	75.7
0.0	5°	69.6	71.6	72.7	73.7	74.7	75.7	76.7	77.7	78.7	78.7
0.0	7.5°	68.6	69.6	71.6	72.7	74.7	75.7	77.7	78.7	79.7	80.7
0.0	10°	66.6	68.6	70.6	72.7	74.7	76.7	78.7	80.7	82.7	83.8
0.0	12.5°	64.6	67.6	69.6	71.6	74.7	77.7	79.7	82.7	84.8	86.8
0.0	15°	63.6	65.6	68.6	70.6	74.7	78.7	81.7	85.8	89.8	92.8
0.0	17.5°	60.5	64.6	67.6	70.6	74.7	79.7	83.8	87.8	93.8	99.9
0.0	20°	56.5	59.5	63.6	66.6	72.7	77.7	83.8	88.8	97.9	107.0
0.0	22.5°	52.5	56.5	59.5	63.6	70.6	76.7	83.8	89.8	104.9	119.1
0.0	25°	48.4	53.5	57.5	61.6	69.6	77.7	85.8	93.8	119.1	144.3
0.0	27.5°	46.4	50.5	55.5	59.5	69.6	80.7	90.8	100.9	141.3	180.6
0.0	30°	43.4	48.4	52.5	57.5	70.6	83.8	96.9	110.0	171.5	233.1
0.0	32.5°	40.4	45.4	50.5	55.5	72.7	89.8	105.9	123.1	203.8	283.5
0.0	35°	37.3	43.4	48.4	53.5	75.7	98.9	121.1	143.3	233.1	321.9
0.0	37.5°	36.3	42.4	47.4	52.5	76.7	99.9	124.1	147.3	236.1	324.9
0.0	40°	37.3	42.4	48.4	53.5	73.7	93.8	113.0	133.2	226.0	317.8
0.0	42.5°	37.3	43.4	49.4	55.5	71.6	87.8	103.9	120.1	223.0	325.9
0.0	45°	36.3	42.4	48.4	54.5	69.6	83.8	98.9	113.0	241.2	368.3
0.0	47.5°	35.3	41.4	47.4	53.5	68.6	83.8	98.9	114.0	311.8	508.6
0.0	50°	35.3	41.4	46.4	51.5	69.6	88.8	107.0	125.1	454.1	782.0
0.0	52.5°	37.3	42.4	46.4	50.5	71.6	93.8	115.0	136.2	577.2	1017.1
0.0	55°	40.4	43.4	47.4	50.5	76.7	101.9	128.1	153.4	614.5	1075.6
0.0	57.5°	44.4	47.4	50.5	53.5	85.8	118.1	149.3	181.6	617.5	1052.4
0.0	60°	49.4	53.5	56.5	59.5	93.8	129.2	163.5	197.8	559.0	919.2
0.0	62.5°	60.5	65.6	69.6	74.7	108.0	140.3	173.6	205.8	464.2	722.5
0.0	65°	69.6	73.7	77.7	81.7	114.0	147.3	179.6	211.9	393.5	575.2
0.0	67.5°	71.6	75.7	78.7	82.7	116.0	149.3	181.6	214.9	337.0	458.1
	70°	72.7	77.7	83.8	88.8	123.1	157.4	190.7	225.0	298.7	372.3
	72.5°	69.6	79.7	88.8	97.9	130.2	161.4	193.7	225.0	277.5	330.0
	75°	69.6	83.8	96.9	110.0	134.2	157.4	181.6	204.8	245.2	285.6
	77.5°	73.7	91.8	110.0	128.1	142.3	155.4	169.5	182.6	208.9	235.1
	80°	73.7	92.8	111.0	130.2	136.2	143.3	149.3	155.4	158.4	161.4
	82.5°	63.6	78.7	93.8	109.0	101.9	94.8	87.8	80.7	75.7	69.6
	85°	32.3	35.3	37.3	39.4	36.3	33.3	30.3	27.2	25.2	22.2
	87.5°	13.1	13.1	12.1	12.1	12.1	12.1	11.1	11.1	11.1	11.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049041

CATALOG NUMBER: GALN-SA4A-750-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
58.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
214.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
298.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
404.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
505.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
574.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
625.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
677.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
778.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
979.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1493.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2287.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2879.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2945.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2657.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2272.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1775.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1342.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
990.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
701.3											
521.7											
379.4											
285.6											
160.4											
72.7											
21.2											
10.1											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1049041

CATALOG NUMBER: GALN-SA4A-750-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°	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
0.0	2.5°	75.7	74.7	74.7	73.7	72.7	71.6	70.6	69.6	68.6	67.6
0.0	5°	78.7	78.7	78.7	77.7	77.7	76.7	76.7	75.7	74.7	73.7
0.0	7.5°	81.7	82.7	82.7	83.8	83.8	83.8	83.8	82.7	82.7	82.7
0.0	10°	86.8	87.8	88.8	89.8	90.8	91.8	91.8	92.8	92.8	92.8
0.0	12.5°	92.8	95.9	97.9	100.9	102.9	105.9	108.0	111.0	113.0	115.0
0.0	15°	101.9	107.0	113.0	118.1	123.1	130.2	138.2	145.3	152.4	163.5
0.0	17.5°	115.0	131.2	147.3	162.5	178.6	213.9	249.2	283.5	318.9	370.3
0.0	20°	140.3	188.7	236.1	284.5	332.0	456.1	579.2	703.3	826.4	958.6
0.0	22.5°	196.8	315.8	434.9	554.0	673.0	932.3	1190.7	1450.0	1708.3	2012.0
0.0	25°	285.6	504.5	723.5	941.4	1160.4	1566.0	1972.7	2378.3	2783.9	3178.5
0.0	27.5°	415.7	750.7	1085.7	1419.7	1754.7	2304.6	2855.6	3405.5	3955.4	4401.4
0.0	30°	576.2	1030.2	1484.3	1938.4	2392.4	3018.0	3643.6	4268.2	4893.8	5381.2
0.0	32.5°	727.5	1283.5	1839.5	2394.4	2950.4	3662.8	4376.2	5088.6	5801.0	6333.7
0.0	35°	826.4	1498.4	2171.4	2843.5	3515.5	4286.4	5057.3	5827.2	6598.1	7206.5
0.0	37.5°	925.3	1701.2	2476.2	3252.1	4027.1	4873.6	5720.2	6566.8	7413.4	8165.1
0.0	40°	1036.3	1946.4	2855.6	3765.7	4674.9	5677.8	6679.8	7682.8	8684.8	9745.3
0.0	42.5°	1229.0	2353.1	3478.1	4602.2	5726.3	7053.2	8380.1	9705.9	11032.8	12546.4
0.0	45°	1591.3	3175.4	4760.6	6344.8	7929.0	9686.8	11445.5	13203.2	14961.0	16975.0
0.0	47.5°	2478.2	4657.7	6836.2	9015.7	11194.3	13092.3	14989.2	16887.2	18784.2	20790.2
0.0	50°	3792.0	6328.7	8865.4	11401.1	13937.8	15655.2	17371.6	19089.0	20805.3	22713.4
0.0	52.5°	4742.5	7385.1	10028.8	12671.5	15314.2	16864.0	18414.9	19964.8	21514.7	23297.6
0.0	55°	4814.1	7441.6	10070.2	12697.7	15325.3	16882.2	18439.1	19996.1	21553.0	23443.0
0.0	57.5°	4262.2	6868.5	9473.8	12080.2	14685.5	16458.4	18230.3	20003.1	21775.0	23818.3
0.0	60°	3625.5	6232.8	8839.2	11446.5	14052.9	16095.1	18138.4	20180.7	22223.0	24137.2
0.0	62.5°	2828.3	5510.3	8193.4	10875.4	13557.4	15631.0	17704.6	19777.1	21850.7	23286.6
0.0	65°	2107.9	4712.2	7316.5	9919.8	12524.2	14185.0	15845.9	17505.8	19166.7	20055.6
0.0	67.5°	1523.6	3769.8	6014.9	8261.0	10506.1	11694.7	12883.4	14071.0	15259.7	15939.8
	70°	1030.2	2586.2	4141.1	5697.0	7251.9	8228.7	9206.5	10183.2	11159.9	12078.2
	72.5°	713.4	1587.2	2462.0	3335.9	4209.7	5192.5	6174.3	7157.1	8138.9	9110.6
	75°	473.2	870.8	1269.4	1666.9	2064.5	2792.0	3520.5	4248.0	4975.6	5554.7
	77.5°	336.0	455.1	575.2	694.2	813.3	949.5	1086.7	1223.0	1359.2	1566.0
	80°	159.4	174.6	189.7	203.8	219.0	268.4	317.8	367.3	416.7	469.2
	82.5°	75.7	81.7	87.8	92.8	98.9	103.9	109.0	114.0	119.1	114.0
	85°	20.2	20.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	20.2
	87.5°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	8.1	8.1	7.1
	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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CATALOG NUMBER: GALN-SA4A-750-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
58.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
420.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1091.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2315.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3573.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4847.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5869.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6867.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7815.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8917.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10805.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14059.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18989.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22796.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24621.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25080.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25333.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25861.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26050.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24723.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20945.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16620.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12995.4											
10082.3											
6133.9											
1772.9											
521.7											
108.0											
19.2											
7.1											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											
0.0											
0.0											

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CATALOG NUMBER: GALN-SA4A-750-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
0.0	2.5°	65.6	64.6	63.6	62.6	61.6	59.5	59.5	58.5	58.5
0.0	5°	71.6	70.6	69.6	68.6	68.6	67.6	66.6	66.6	65.6
0.0	7.5°	81.7	80.7	79.7	78.7	78.7	77.7	77.7	76.7	76.7
0.0	10°	93.8	93.8	93.8	93.8	93.8	92.8	92.8	92.8	91.8
0.0	12.5°	118.1	119.1	121.1	123.1	126.1	126.1	126.1	125.1	125.1
0.0	15°	186.7	197.8	205.8	213.9	221.0	237.1	235.1	232.1	230.1
0.0	17.5°	472.2	522.7	549.9	576.2	603.4	678.1	666.0	653.9	642.8
0.0	20°	1224.0	1356.1	1443.9	1531.7	1620.5	1760.8	1726.5	1692.2	1657.8
0.0	22.5°	2618.5	2922.2	3054.4	3186.5	3317.7	3487.2	3377.2	3267.3	3158.3
0.0	25°	3966.5	4361.1	4584.1	4807.1	5029.0	5125.9	4982.6	4838.3	4695.0
0.0	27.5°	5293.4	5739.4	5936.2	6131.9	6328.7	6531.5	6353.9	6175.3	5997.7
0.0	30°	6356.9	6844.3	7057.2	7269.1	7482.0	7623.3	7439.6	7255.0	7071.3
0.0	32.5°	7400.3	7933.0	8166.1	8399.2	8631.3	8834.1	8608.1	8381.1	8155.0
0.0	35°	8422.4	9030.9	9351.8	9672.6	9993.5	10182.2	9913.8	9644.4	9376.0
0.0	37.5°	9669.6	10421.3	10780.5	11139.8	11499.0	11843.1	11547.4	11250.8	10955.1
0.0	40°	11866.3	12926.8	13477.7	14029.6	14580.6	15024.6	14651.2	14277.9	13904.5
0.0	42.5°	15573.5	17087.0	17879.1	18670.2	19462.3	20155.5	19763.0	19370.5	18978.0
0.0	45°	21003.1	23017.1	23982.8	24947.4	25913.1	26419.6	25854.5	25288.5	24723.4
0.0	47.5°	24801.1	26807.1	27666.8	28526.5	29386.2	29964.4	29273.2	28582.0	27891.8
0.0	50°	26528.6	28436.7	29299.4	30161.1	31023.8	31483.0	30684.8	29885.7	29087.5
0.0	52.5°	26862.6	28645.5	29674.8	30705.0	31734.2	32347.7	31405.3	30461.8	29519.4
0.0	55°	27223.8	29113.7	30307.4	31502.1	32695.8	33545.4	32479.9	31413.3	30347.8
0.0	57.5°	27903.9	29947.2	31137.9	32327.5	33518.2	34239.6	33171.1	32101.5	31032.9
0.0	60°	27964.4	29877.6	30900.7	31924.9	32948.1	33402.1	32380.0	31356.8	30334.7
0.0	62.5°	26159.3	27595.1	28305.5	29015.9	29726.2	30219.6	29153.1	28085.5	27019.0
0.0	65°	21834.5	22723.5	23289.6	23855.6	24421.7	25010.0	24033.2	23056.5	22079.7
0.0	67.5°	17300.9	17981.0	18726.7	19472.4	20218.1	20846.7	20064.7	19281.7	18499.7
	70°	13913.6	14830.8	15669.3	16507.8	17346.4	17861.0	17075.9	16289.9	15504.9
	72.5°	11054.0	12025.7	12726.0	13425.2	14125.5	14251.6	13674.5	13097.3	12521.1
	75°	6712.1	7291.3	7305.4	7318.5	7332.7	7452.7	6974.5	6496.2	6018.9
	77.5°	1979.7	2186.6	2357.1	2526.6	2697.2	2903.0	2727.4	2550.8	2375.3
	80°	573.1	625.6	670.0	713.4	757.8	731.6	690.2	648.8	607.4
	82.5°	102.9	96.9	95.9	94.8	94.8	89.8	81.7	73.7	65.6
	85°	18.2	17.2	16.1	15.1	14.1	13.1	11.1	10.1	8.1
	87.5°	6.1	5.0	4.0	3.0	3.0	1.0	1.0	1.0	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: P1049041

CATALOG NUMBER: GALN-SA4A-750-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°	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
0.0	0.0	2.5°	57.5	56.5	56.5	56.5	56.5	55.5	55.5	55.5	55.5
0.0	0.0	5°	63.6	63.6	62.6	62.6	61.6	61.6	60.5	60.5	59.5
0.0	0.0	7.5°	74.7	73.7	72.7	71.6	70.6	68.6	67.6	66.6	66.6
0.0	0.0	10°	89.8	87.8	86.8	84.8	83.8	81.7	79.7	77.7	75.7
0.0	0.0	12.5°	118.1	114.0	111.0	107.0	102.9	99.9	95.9	92.8	88.8
0.0	0.0	15°	204.8	194.7	183.6	170.5	156.4	143.3	129.2	121.1	112.0
0.0	0.0	17.5°	523.7	471.2	417.7	374.4	331.0	288.6	245.2	213.9	182.6
0.0	0.0	20°	1332.9	1187.6	1042.3	899.1	754.8	611.5	467.2	394.5	321.9
0.0	0.0	22.5°	2508.5	2239.1	1968.6	1707.3	1444.9	1183.6	922.3	757.8	594.3
0.0	0.0	25°	3871.7	3532.6	3193.6	2763.8	2332.9	1903.0	1473.2	1205.8	938.4
0.0	0.0	27.5°	5038.1	4647.6	4257.1	3734.4	3211.8	2689.1	2166.4	1767.8	1370.3
0.0	0.0	30°	6048.2	5628.4	5208.6	4600.2	3991.7	3383.3	2774.9	2276.4	1777.9
0.0	0.0	32.5°	6924.0	6421.5	5919.0	5291.4	4663.8	4036.1	3408.5	2797.0	2185.6
0.0	0.0	35°	7934.1	7347.8	6760.5	6064.3	5367.1	4670.8	3974.6	3284.4	2593.2
0.0	0.0	37.5°	9217.6	8498.1	7777.7	7001.7	6225.8	5450.8	4674.9	3885.8	3096.7
0.0	0.0	40°	11674.6	10746.2	9817.9	8832.1	7845.3	6859.4	5873.6	4904.9	3936.3
0.0	0.0	42.5°	16077.0	14822.8	13568.5	12256.8	10944.0	9632.3	8319.5	6953.3	5586.0
0.0	0.0	45°	21045.5	19489.5	17932.6	16460.4	14987.2	13515.0	12042.9	10168.1	8293.3
0.0	0.0	47.5°	23839.5	22159.5	20479.4	19085.9	17692.5	16299.0	14905.5	12884.4	10863.3
0.0	0.0	50°	24867.7	23157.4	21447.1	20164.6	18881.1	17598.6	16315.1	14291.0	12265.9
0.0	0.0	52.5°	25086.7	23342.0	21597.4	20306.9	19016.3	17726.8	16436.2	14425.2	12414.2
0.0	0.0	55°	25536.7	23664.9	21792.2	20321.0	18849.8	17378.6	15907.5	13864.2	11820.9
0.0	0.0	57.5°	26125.0	24205.8	22286.6	20610.6	18934.6	17259.6	15583.6	13349.6	11115.5
0.0	0.0	60°	25970.6	24300.6	22629.7	20834.6	19038.5	17243.4	15447.3	12990.3	10532.3
0.0	0.0	62.5°	23290.6	21960.7	20629.8	19153.5	17676.3	16200.1	14723.9	12194.2	9664.6
0.0	0.0	65°	19160.6	18189.9	17219.2	16031.6	14842.9	13655.3	12467.7	10199.3	7932.0
0.0	0.0	67.5°	15529.1	14435.3	13340.5	12394.0	11446.5	10500.0	9552.6	7767.6	5982.6
		70°	12337.5	11147.8	9957.2	9032.9	8107.6	7183.3	6259.1	5072.4	3886.8
		72.5°	9797.7	8725.1	7652.5	6666.7	5679.9	4694.0	3707.2	3005.9	2304.6
		75°	4682.9	4254.1	3825.3	3309.6	2794.0	2278.4	1762.8	1457.0	1152.3
		77.5°	1735.5	1504.5	1272.4	1062.5	852.6	643.8	433.9	397.6	361.2
		80°	449.0	391.5	333.0	291.6	249.2	207.9	166.5	150.3	135.2
		82.5°	51.5	47.4	44.4	42.4	39.4	37.3	34.3	31.3	28.3
		85°	3.0	2.0	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



REPORT NUMBER: P1049041

CATALOG NUMBER: GALN-SA4A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049041

CATALOG NUMBER: GALN-SA4A-750-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	58.5	58.5
0.0	0.0	2.5°	54.5	53.5
0.0	0.0	5°	57.5	56.5
0.0	0.0	7.5°	63.6	61.6
0.0	0.0	10°	69.6	67.6
0.0	0.0	12.5°	78.7	75.7
0.0	0.0	15°	88.8	82.7
0.0	0.0	17.5°	105.9	92.8
0.0	0.0	20°	143.3	110.0
0.0	0.0	22.5°	201.8	137.2
0.0	0.0	25°	296.7	189.7
0.0	0.0	27.5°	412.7	252.3
0.0	0.0	30°	548.9	315.8
0.0	0.0	32.5°	669.0	376.4
0.0	0.0	35°	825.4	437.9
0.0	0.0	37.5°	1018.1	516.6
0.0	0.0	40°	1316.8	635.7
0.0	0.0	42.5°	1854.6	855.7
0.0	0.0	45°	3012.0	1479.2
0.0	0.0	47.5°	4634.5	2446.9
0.0	0.0	50°	5669.8	3123.0
0.0	0.0	52.5°	5754.5	3117.9
0.0	0.0	55°	5253.0	2771.8
0.0	0.0	57.5°	4482.1	2316.7
0.0	0.0	60°	3725.4	1832.4
0.0	0.0	62.5°	2935.3	1265.3
0.0	0.0	65°	2145.2	895.0
0.0	0.0	67.5°	1540.8	669.0
		70°	1013.1	512.6
		72.5°	659.9	417.7
		75°	444.0	346.1
		77.5°	259.3	230.1
		80°	91.8	80.7
		82.5°	17.2	12.1
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049041

CATALOG NUMBER: GALN-SA4A-750-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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

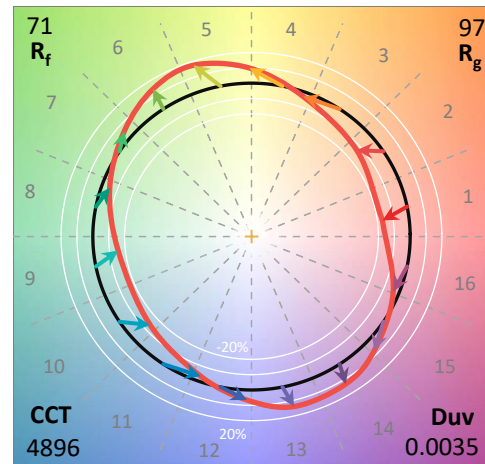
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-6
 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-750-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896	CRI (Ra):	70.2		
CIE u':	0.2101	R1:	68.1	R9:	-35.1
CIE v':	0.4901	R2:	73.9	R10:	39.3
Duv:	0.0035	R3:	79.4	R11:	71.1
CIE x:	0.3489	R4:	72.1	R12:	43.8
CIE y:	0.3618	R5:	69.2	R13:	68.1
CIE z:	0.2893	R6:	65.7	R14:	88.4
Peak Wavelength (nm):	443	R7:	78.1	R15:	59.7
Dominant Wavelength (nm):	570	R8:	55.3		
Purity:	13.25435				
Rf:	70.7				
Rg:	96.8				



Test Conditions

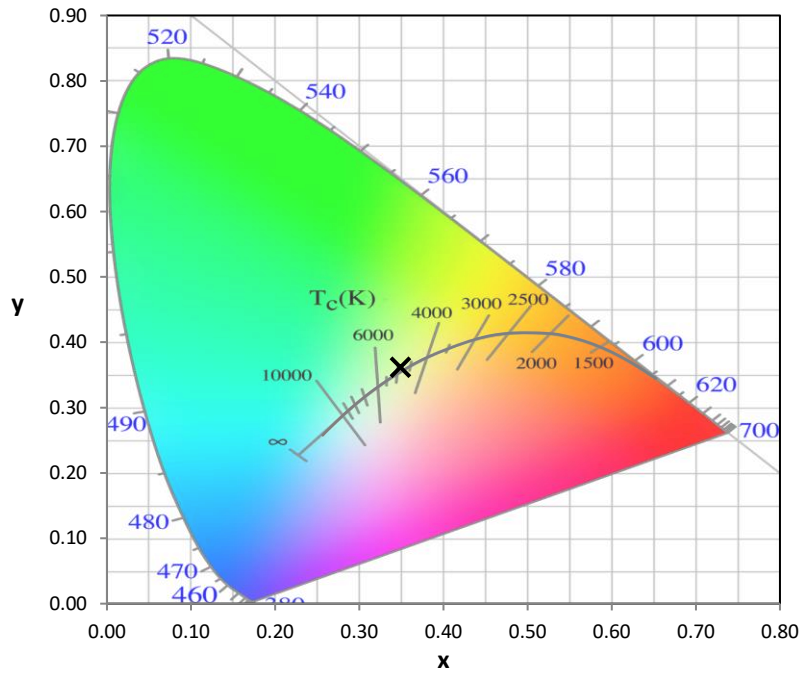
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-6

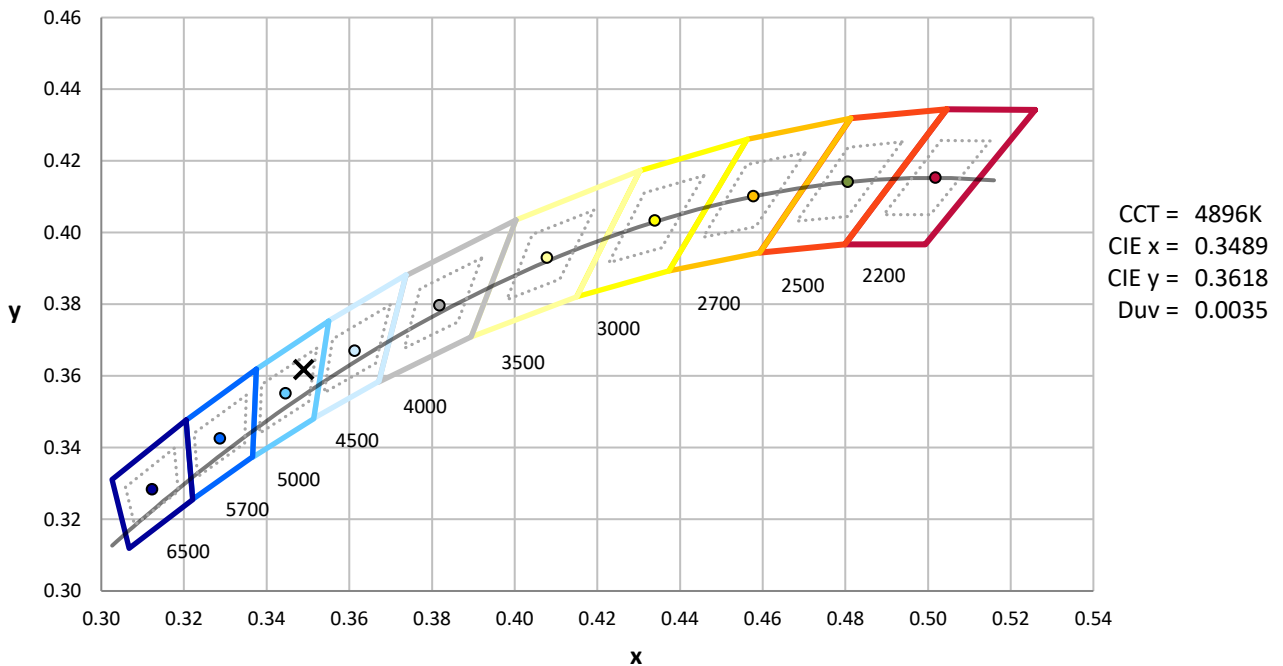
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-6

CIE 1931 Chromaticity Diagram



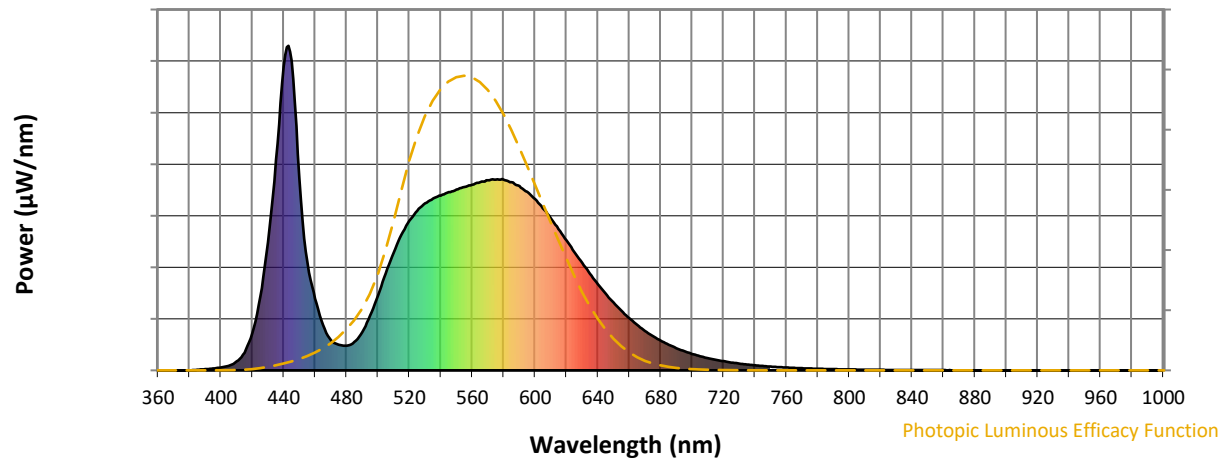
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-6

Photopic Flux vs. Wavelength

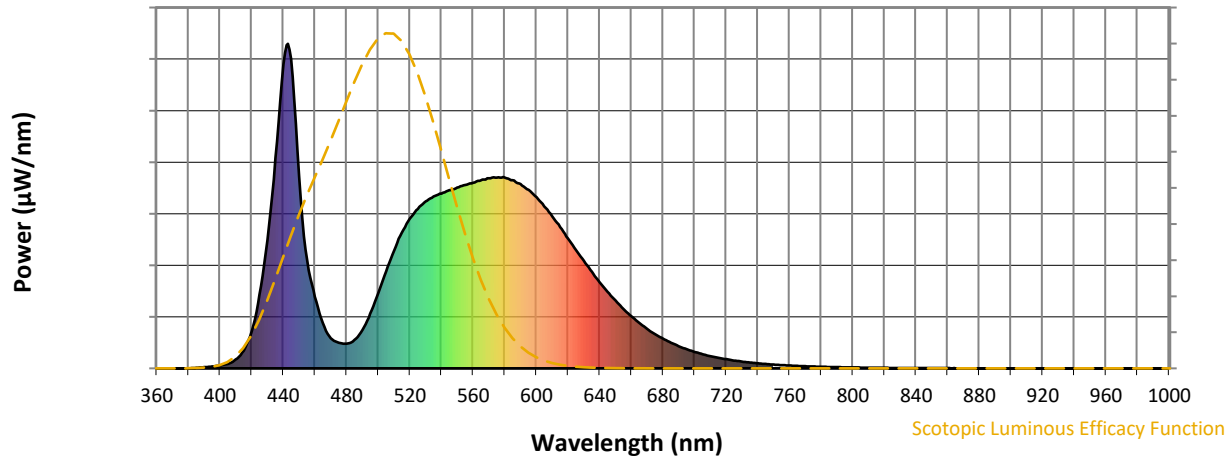


Photopic Lumens: NR

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

Scotopic Flux vs. Wavelength



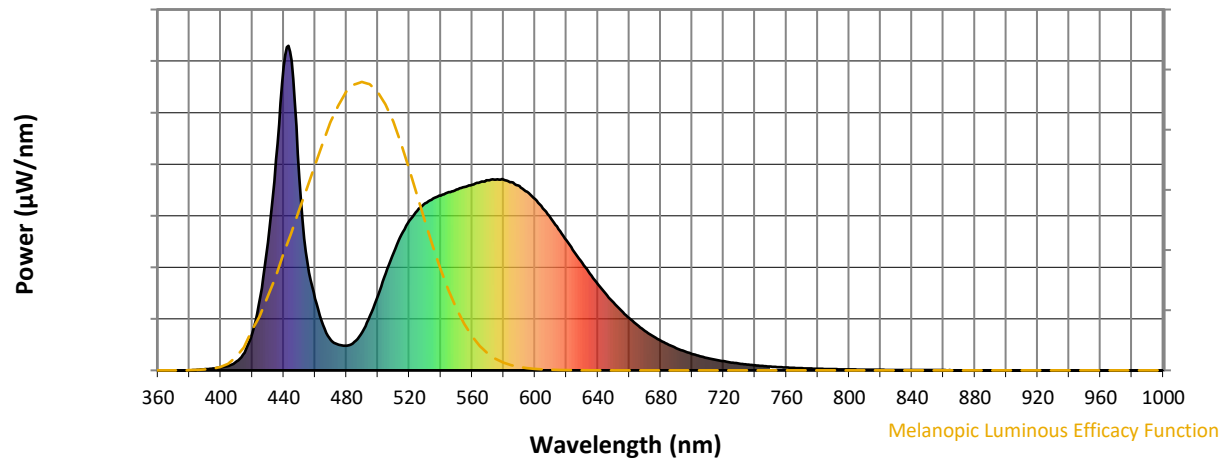
Scotopic Lumens: NR

S/P: 1.7

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.37

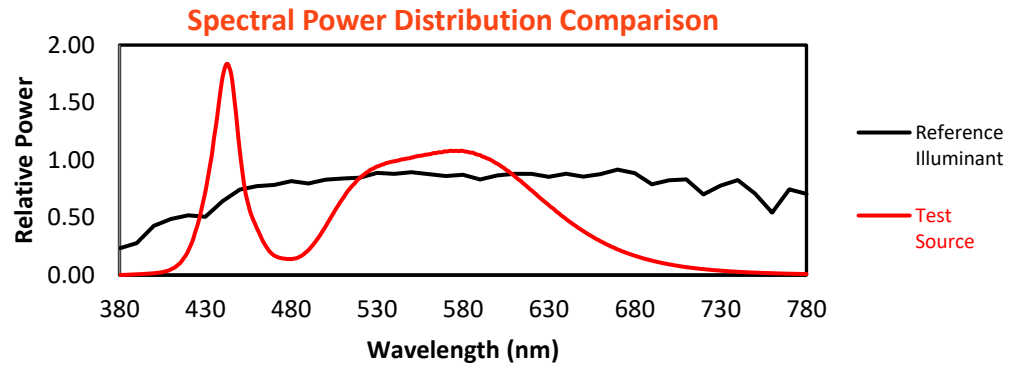
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

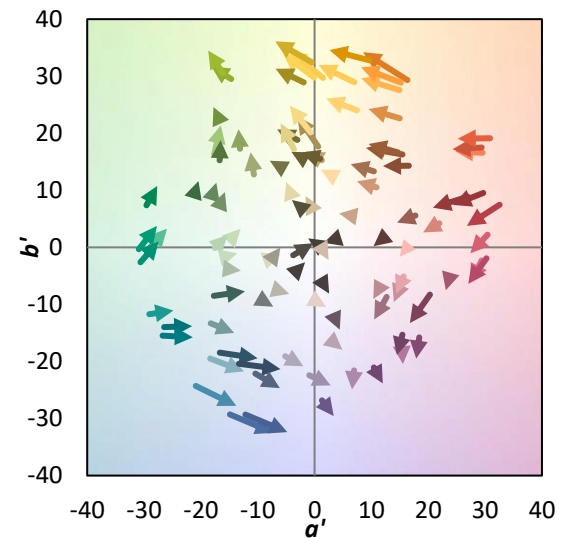
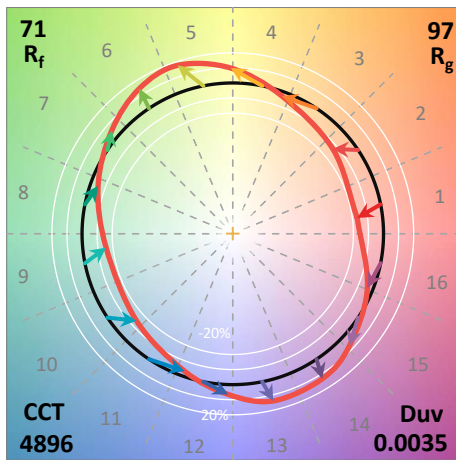
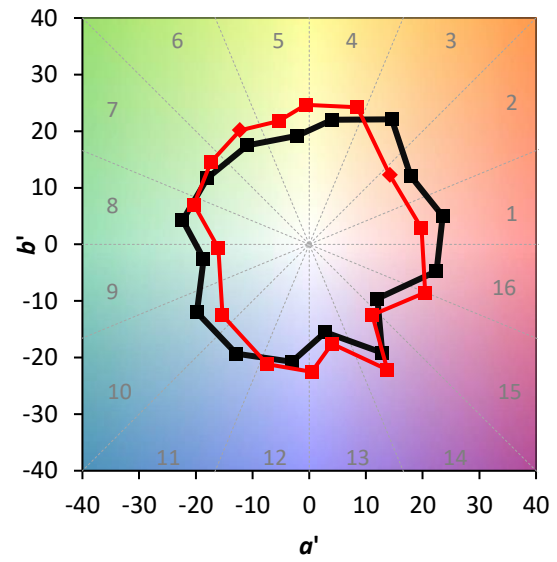
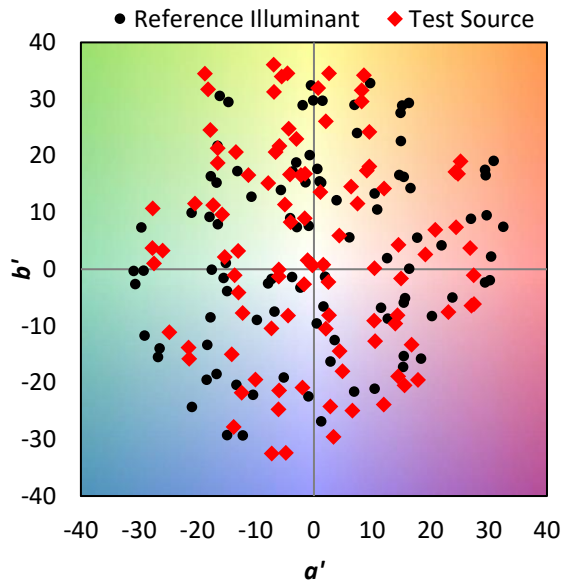
TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 $\text{CIE } R_a = 70.2$
 $R_g = -35.1$

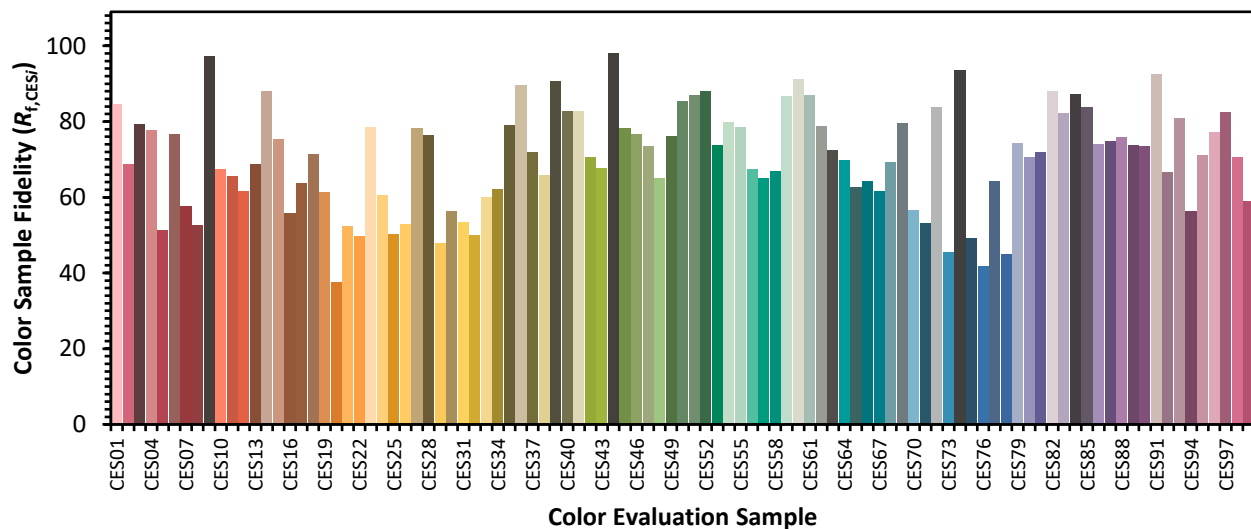


Color Vector Graphics

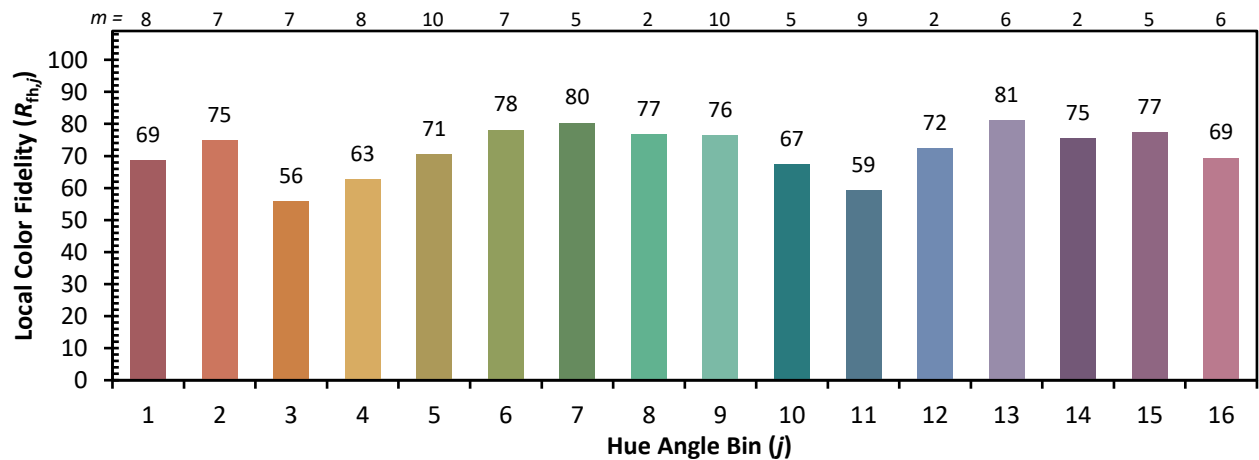
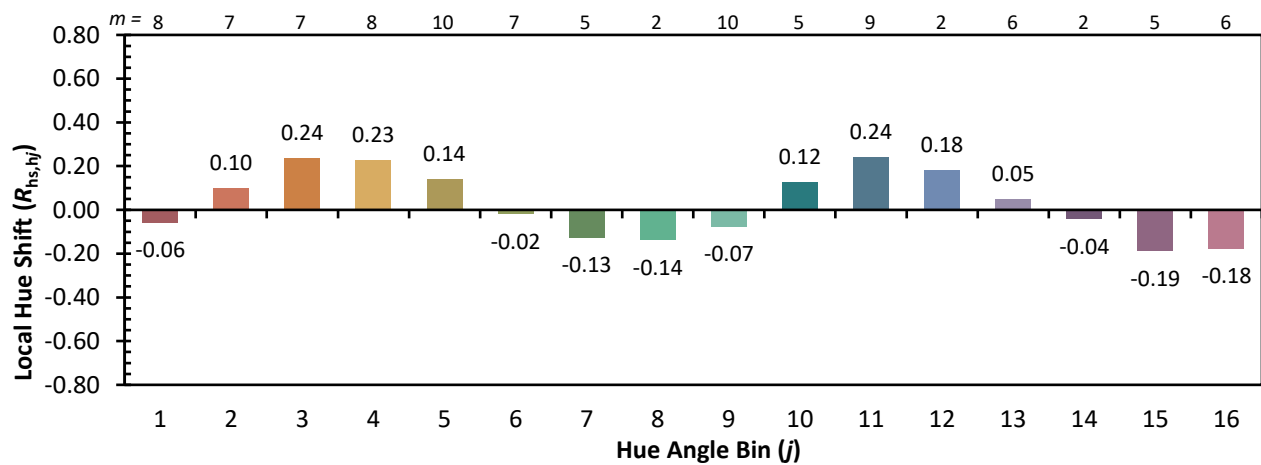
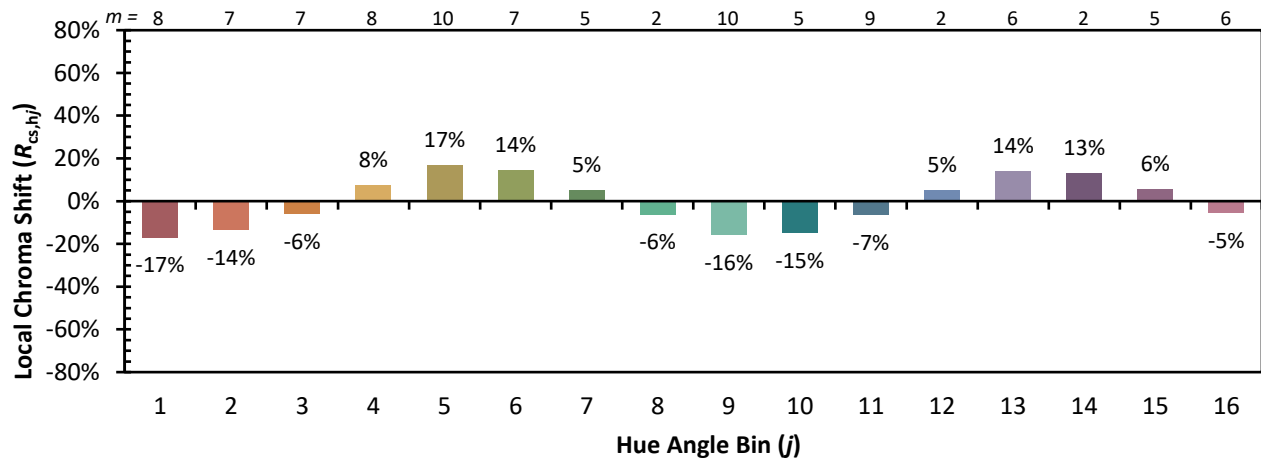


Individual Sample Fidelity Index ($R_{f,i}$)

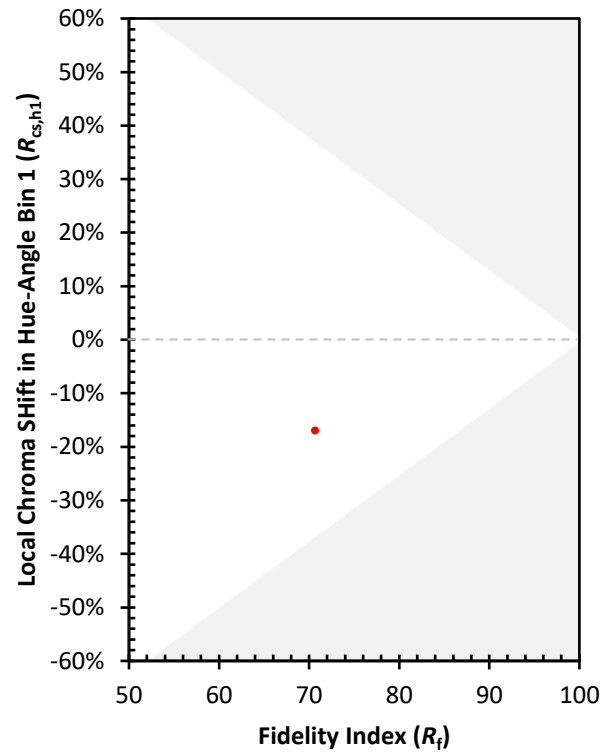
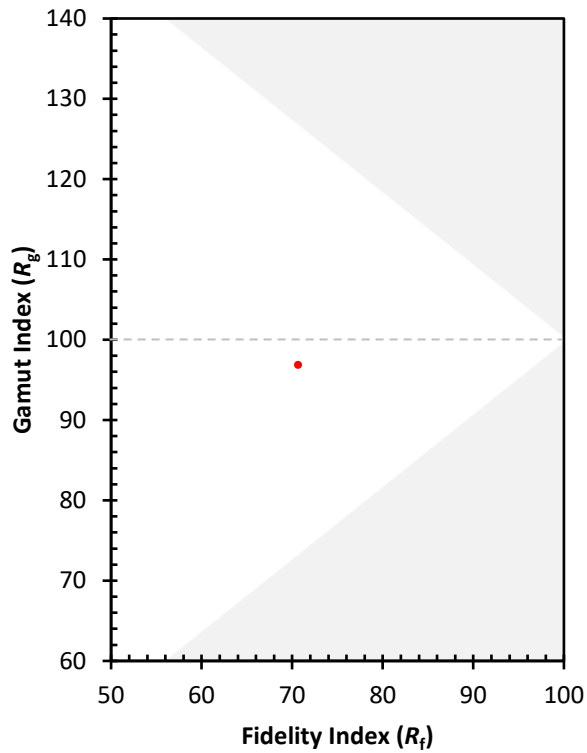
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)