

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: P1049039

Luminaire Tested: **GALN-SA3C-750-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049039
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3C-750-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
70CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15541.2 lumens
Efficiency: N/A
Efficacy: 110.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 140.4
Input Voltage (V): 120
Input Current (A_{in}): 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

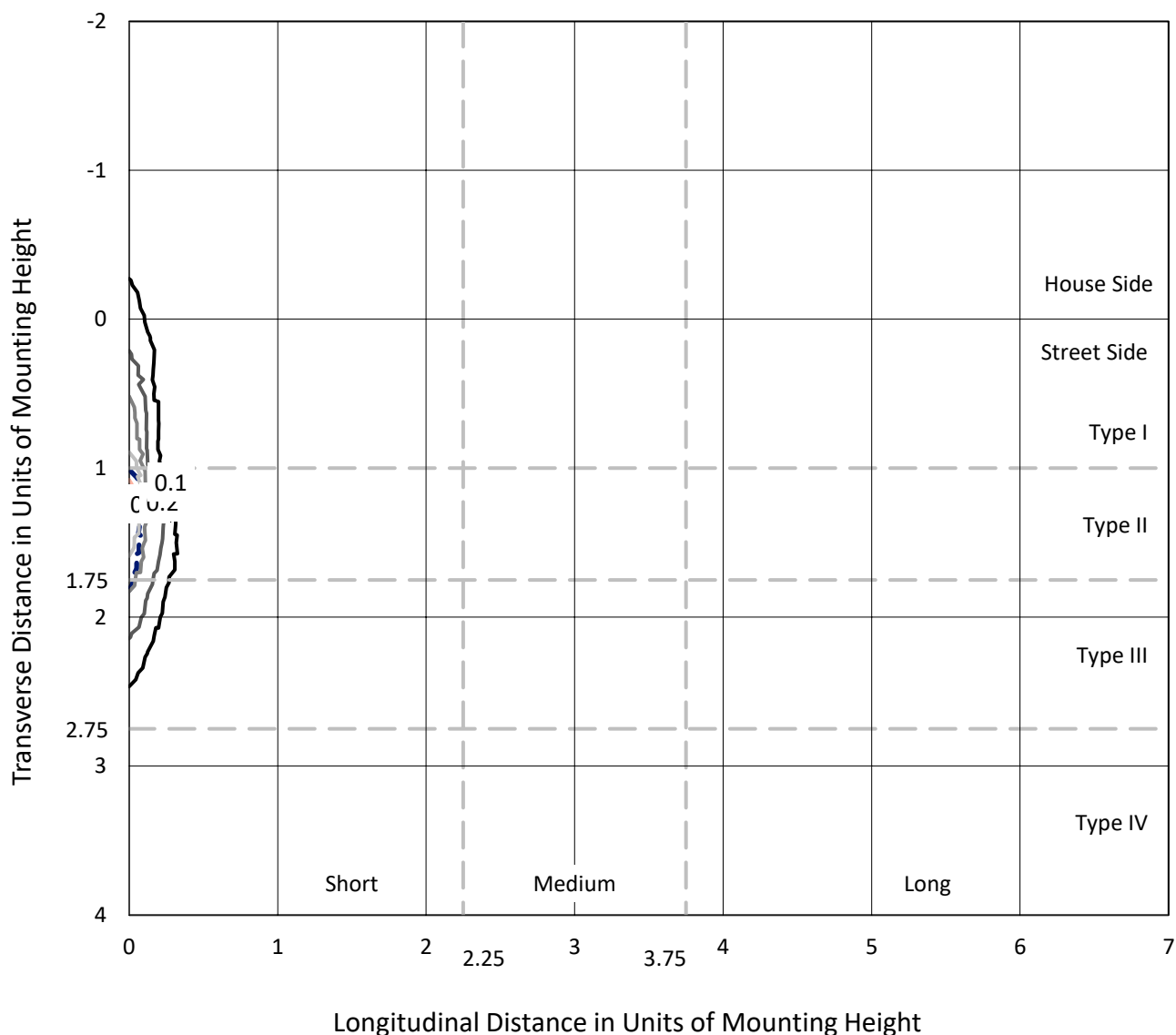
REPORT NUMBER: P1049039

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

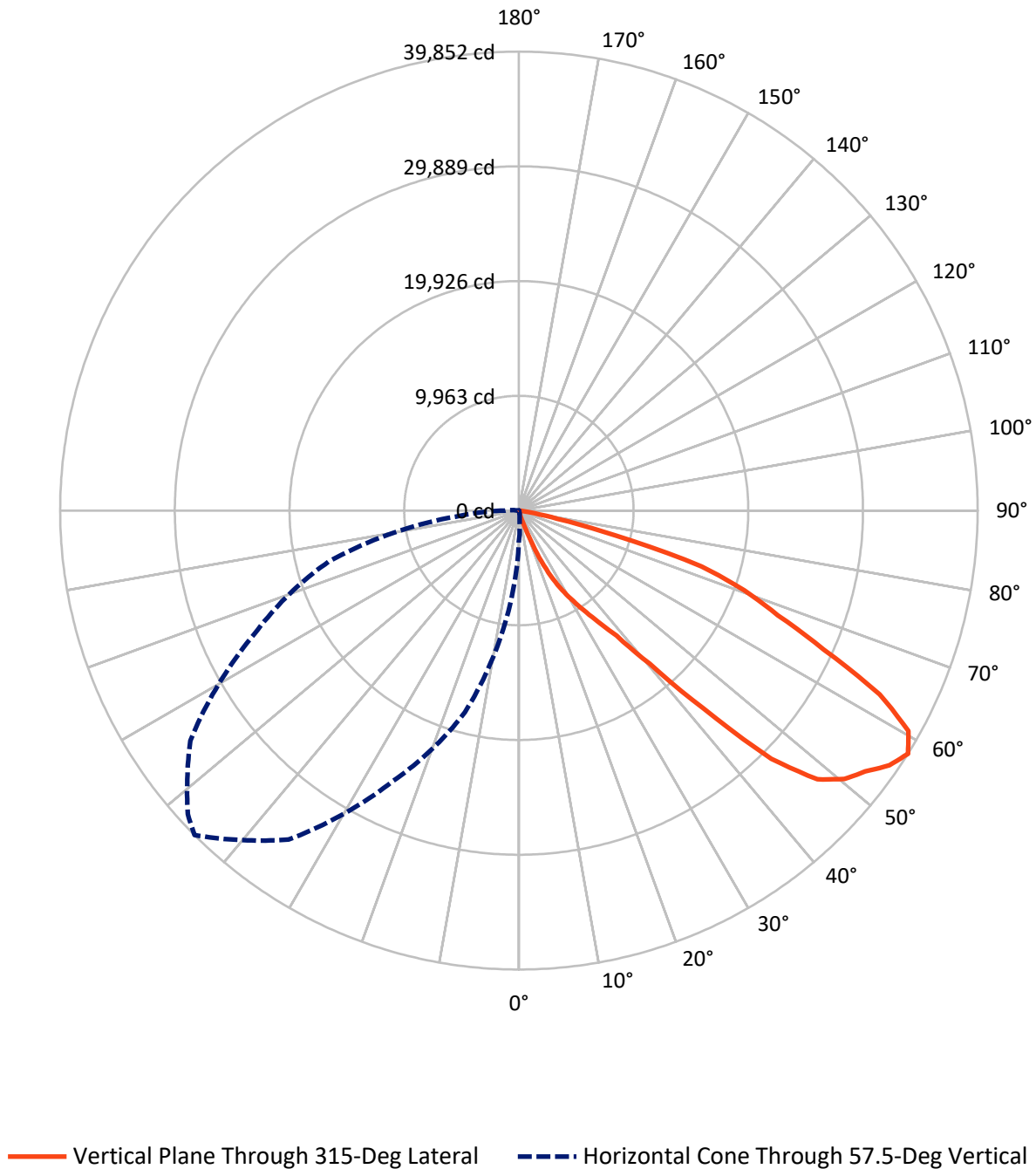


Based on 20 foot mounting height. Maximum calculated value = 2.3 fc

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	77.8	0.0	77.8
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	15463.4	0.0	15463.4
	% Fixture	99.5	0.0	99.5
Total	Lumens	15541.2	0.0	15541.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.1	0.0
10°-20°	34.1	0.2
20°-30°	368.3	2.4
30°-40°	1089.1	7.0
40°-50°	3245.9	20.9
50°-60°	5146.9	33.1
60°-70°	4296.4	27.6
70°-80°	1324.8	8.5
80°-90°	29.5	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°	15541.2	100.0
0°-180°	15541.2	100.0



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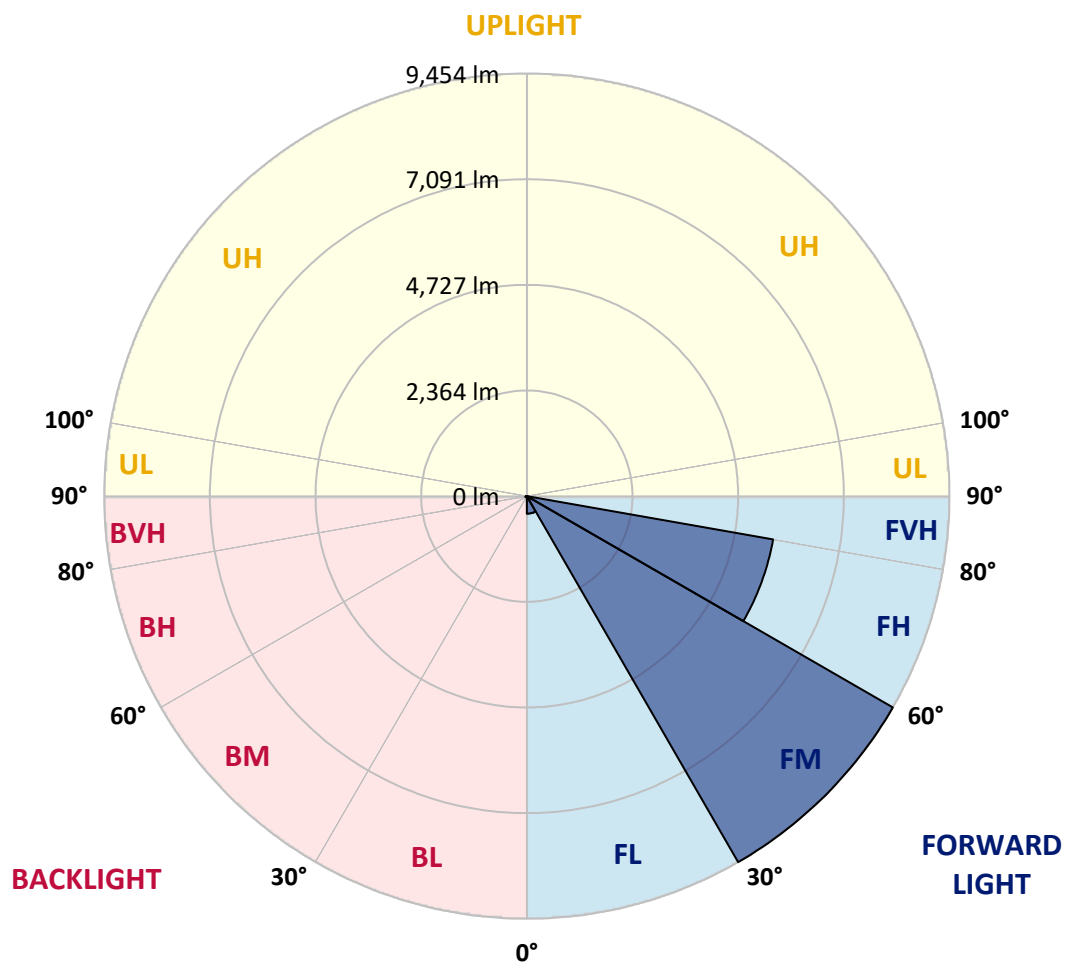
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	394.2	2.5			
FM	(30°-60°)	9454.1	60.8			
FH	(60°-80°)	5592.2	36.0			G3/7500
FVH	(80°-90°)	22.8	0.1			G1/100
BL	(0°-30°)	14.3	0.1	B0/110		
BM	(30°-60°)	27.8	0.2	B0/220		
BH	(60°-80°)	29.0	0.2	B0/110		G0/110
BVH	(80°-90°)	6.7	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-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°	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
2.5°	62.2	62.2	62.2	62.2	61.1	61.1	59.9	59.9	58.7	58.7
5°	65.8	65.8	64.6	63.4	63.4	62.2	61.1	59.9	59.9	58.7
7.5°	71.6	70.5	69.3	68.1	65.8	64.6	62.2	61.1	59.9	57.5
10°	78.7	76.3	74.0	71.6	69.3	66.9	64.6	63.4	61.1	59.9
12.5°	88.1	84.6	79.9	76.3	74.0	70.5	68.1	65.8	62.2	59.9
15°	96.3	91.6	85.7	81.0	77.5	72.8	69.3	65.8	63.4	59.9
17.5°	108.0	99.8	90.4	84.6	79.9	74.0	68.1	64.6	61.1	56.4
20°	128.0	111.6	94.0	86.9	79.9	72.8	65.8	61.1	57.5	52.8
22.5°	159.7	131.5	103.4	92.8	83.4	72.8	63.4	58.7	54.0	49.3
25°	220.8	170.3	119.8	105.7	91.6	77.5	63.4	57.5	52.8	47.0
27.5°	293.6	218.4	142.1	122.1	103.4	83.4	63.4	56.4	50.5	43.5
30°	367.6	267.8	166.8	140.9	115.1	89.3	63.4	55.2	48.2	39.9
32.5°	438.1	313.6	187.9	157.4	126.8	95.1	64.6	55.2	45.8	36.4
35°	509.7	351.2	191.4	159.7	128.0	95.1	63.4	52.8	43.5	32.9
37.5°	601.3	393.4	184.4	152.7	122.1	90.4	59.9	50.5	41.1	30.5
40°	739.9	463.9	187.9	155.0	122.1	89.3	56.4	47.0	38.8	29.4
42.5°	995.9	600.1	203.2	165.6	128.0	89.3	51.7	43.5	36.4	28.2
45°	1721.7	997.1	272.5	216.1	159.7	103.4	47.0	39.9	34.1	27.0
47.5°	2848.0	1668.9	489.7	378.2	267.8	156.2	45.8	39.9	34.1	27.0
50°	3634.9	2125.7	616.6	474.5	332.4	190.3	48.2	41.1	35.2	28.2
52.5°	3629.0	2158.6	687.0	527.3	368.8	209.0	50.5	43.5	37.6	30.5
55°	3226.2	1963.7	700.0	537.9	377.0	214.9	54.0	47.0	39.9	32.9
57.5°	2696.5	1667.7	638.9	494.4	351.2	206.7	62.2	54.0	47.0	38.8
60°	2132.8	1315.4	498.0	393.4	290.1	185.6	82.2	71.6	62.2	51.7
62.5°	1472.7	953.6	434.5	348.8	264.2	178.5	94.0	83.4	74.0	63.4
65°	1041.7	717.6	392.3	319.4	247.8	175.0	102.2	90.4	79.9	68.1
67.5°	778.7	570.8	361.7	299.5	237.2	175.0	112.7	98.7	85.7	71.6
70°	596.6	468.6	339.4	288.9	239.6	189.1	138.6	118.6	99.8	79.9
72.5°	486.2	400.5	313.6	277.2	240.8	204.4	167.9	142.1	116.3	89.3
75°	402.8	342.9	283.0	252.5	223.1	192.6	162.1	138.6	116.3	92.8
77.5°	267.8	244.3	219.6	202.0	184.4	165.6	148.0	128.0	109.2	89.3
80°	94.0	90.4	86.9	94.0	101.0	108.0	115.1	101.0	88.1	74.0
82.5°	14.1	12.9	11.7	12.9	14.1	15.3	16.4	17.6	18.8	20.0
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):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
0.0	2.5°	57.5	57.5	56.4	56.4	56.4	55.2	55.2	54.0	54.0	54.0
0.0	5°	56.4	56.4	55.2	54.0	52.8	52.8	51.7	50.5	50.5	49.3
0.0	7.5°	55.2	54.0	52.8	51.7	50.5	49.3	48.2	47.0	47.0	45.8
0.0	10°	56.4	54.0	52.8	50.5	49.3	48.2	45.8	44.6	43.5	43.5
0.0	12.5°	54.0	52.8	50.5	48.2	47.0	44.6	43.5	41.1	39.9	39.9
0.0	15°	54.0	51.7	48.2	45.8	43.5	42.3	39.9	37.6	36.4	35.2
0.0	17.5°	50.5	48.2	44.6	42.3	39.9	37.6	35.2	32.9	31.7	30.5
0.0	20°	45.8	43.5	39.9	36.4	34.1	31.7	29.4	27.0	25.8	24.7
0.0	22.5°	41.1	38.8	35.2	31.7	29.4	27.0	23.5	21.1	20.0	17.6
0.0	25°	38.8	35.2	31.7	28.2	24.7	22.3	18.8	15.3	12.9	10.6
0.0	27.5°	32.9	29.4	25.8	22.3	18.8	15.3	11.7	8.2	5.9	4.7
0.0	30°	28.2	24.7	21.1	17.6	12.9	9.4	5.9	1.2	1.2	1.2
0.0	32.5°	23.5	20.0	15.3	11.7	9.4	5.9	3.5	0.0	0.0	0.0
0.0	35°	18.8	15.3	10.6	7.0	5.9	3.5	2.3	0.0	0.0	0.0
0.0	37.5°	16.4	12.9	8.2	3.5	2.3	2.3	1.2	0.0	0.0	0.0
0.0	40°	15.3	10.6	5.9	1.2	1.2	1.2	0.0	0.0	0.0	0.0
0.0	42.5°	15.3	10.6	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	15.3	10.6	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	15.3	10.6	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	16.4	11.7	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	18.8	14.1	9.4	4.7	3.5	2.3	1.2	0.0	0.0	0.0
0.0	55°	23.5	21.1	17.6	15.3	11.7	8.2	3.5	0.0	0.0	0.0
0.0	57.5°	30.5	30.5	29.4	28.2	21.1	14.1	7.0	0.0	0.0	0.0
0.0	60°	41.1	41.1	41.1	41.1	30.5	21.1	10.6	0.0	0.0	0.0
0.0	62.5°	50.5	48.2	44.6	42.3	31.7	21.1	10.6	0.0	0.0	0.0
0.0	65°	50.5	45.8	39.9	34.1	25.8	17.6	8.2	0.0	0.0	0.0
0.0	67.5°	47.0	37.6	27.0	17.6	12.9	9.4	4.7	0.0	0.0	0.0
	70°	47.0	32.9	18.8	4.7	3.5	2.3	1.2	0.0	0.0	0.0
	72.5°	47.0	31.7	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	51.7	35.2	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	51.7	35.2	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	45.8	30.5	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	15.3	10.6	4.7	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°	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
0.0	2.5°	52.8	52.8	52.8	51.7	51.7	51.7	51.7	50.5	50.5	50.5
0.0	5°	48.2	48.2	47.0	47.0	45.8	45.8	44.6	44.6	43.5	43.5
0.0	7.5°	44.6	43.5	43.5	42.3	41.1	41.1	39.9	39.9	38.8	37.6
0.0	10°	41.1	39.9	39.9	38.8	37.6	36.4	36.4	35.2	34.1	32.9
0.0	12.5°	37.6	36.4	35.2	34.1	32.9	31.7	31.7	30.5	29.4	28.2
0.0	15°	32.9	31.7	30.5	29.4	28.2	27.0	27.0	25.8	24.7	23.5
0.0	17.5°	28.2	27.0	27.0	25.8	24.7	23.5	22.3	20.0	18.8	17.6
0.0	20°	21.1	20.0	18.8	17.6	16.4	14.1	12.9	10.6	8.2	7.0
0.0	22.5°	14.1	11.7	10.6	8.2	5.9	4.7	3.5	1.2	0.0	0.0
0.0	25°	4.7	3.5	2.3	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



REPORT NUMBER: P1049039

CATALOG NUMBER: GALN-SA3C-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049039

CATALOG NUMBER: GALN-SA3C-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°	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
0.0	2.5°	49.3	49.3	49.3	48.2	48.2	48.2	48.2	48.2	48.2	48.2
0.0	5°	42.3	42.3	42.3	41.1	41.1	39.9	39.9	39.9	38.8	38.8
0.0	7.5°	36.4	35.2	35.2	34.1	34.1	32.9	32.9	32.9	31.7	31.7
0.0	10°	30.5	29.4	29.4	28.2	28.2	27.0	27.0	25.8	25.8	24.7
0.0	12.5°	27.0	25.8	24.7	23.5	23.5	22.3	21.1	21.1	20.0	18.8
0.0	15°	21.1	20.0	18.8	17.6	16.4	15.3	14.1	14.1	12.9	11.7
0.0	17.5°	14.1	11.7	10.6	9.4	9.4	8.2	7.0	5.9	4.7	3.5
0.0	20°	3.5	2.3	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
	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: P1049039

CATALOG NUMBER: GALN-SA3C-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049039

CATALOG NUMBER: GALN-SA3C-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°	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
0.0	2.5°	48.2	47.0	47.0	47.0	48.2	48.2	48.2	48.2	48.2	48.2
0.0	5°	38.8	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
0.0	7.5°	31.7	30.5	30.5	30.5	30.5	29.4	29.4	29.4	29.4	29.4
0.0	10°	24.7	23.5	23.5	23.5	23.5	22.3	22.3	22.3	22.3	22.3
0.0	12.5°	17.6	17.6	16.4	16.4	16.4	15.3	15.3	15.3	15.3	14.1
0.0	15°	10.6	9.4	8.2	8.2	8.2	7.0	7.0	7.0	7.0	5.9
0.0	17.5°	2.3	2.3	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



REPORT NUMBER: P1049039

CATALOG NUMBER: GALN-SA3C-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049039

CATALOG NUMBER: GALN-SA3C-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°	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
0.0	2.5°	49.3	49.3	50.5	50.5	51.7	54.0	55.2	56.4	58.7	61.1
0.0	5°	38.8	39.9	39.9	41.1	42.3	43.5	44.6	45.8	48.2	50.5
0.0	7.5°	30.5	30.5	31.7	31.7	32.9	35.2	36.4	37.6	39.9	43.5
0.0	10°	23.5	23.5	24.7	24.7	25.8	28.2	29.4	30.5	32.9	36.4
0.0	12.5°	15.3	16.4	16.4	17.6	18.8	21.1	22.3	23.5	25.8	28.2
0.0	15°	7.0	8.2	8.2	9.4	10.6	12.9	14.1	15.3	17.6	21.1
0.0	17.5°	1.2	1.2	2.3	2.3	3.5	4.7	5.9	7.0	10.6	12.9
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	4.7
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

CATALOG NUMBER: GALN-SA3C-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049039

CATALOG NUMBER: GALN-SA3C-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°	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
0.0	2.5°	64.6	66.9	69.3	71.6	74.0	76.3	77.5	79.9	81.0	82.2
0.0	5°	55.2	57.5	61.1	63.4	65.8	68.1	70.5	71.6	72.8	74.0
0.0	7.5°	48.2	50.5	54.0	56.4	58.7	61.1	63.4	65.8	66.9	68.1
0.0	10°	41.1	44.6	47.0	50.5	52.8	55.2	57.5	59.9	62.2	63.4
0.0	12.5°	32.9	36.4	39.9	42.3	45.8	49.3	51.7	54.0	56.4	58.7
0.0	15°	25.8	29.4	32.9	35.2	38.8	42.3	45.8	48.2	50.5	52.8
0.0	17.5°	18.8	22.3	25.8	28.2	31.7	35.2	37.6	41.1	43.5	45.8
0.0	20°	9.4	12.9	16.4	20.0	23.5	27.0	29.4	32.9	35.2	37.6
0.0	22.5°	1.2	4.7	8.2	10.6	14.1	17.6	20.0	23.5	25.8	28.2
0.0	25°	0.0	1.2	3.5	4.7	5.9	8.2	10.6	12.9	15.3	17.6
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.2	2.3	4.7	7.0	9.4
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
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	2.3
	85°	0.0	0.0	0.0	0.0	0.0	2.3	3.5	5.9	7.0	8.2
	87.5°	0.0	1.2	2.3	3.5	4.7	7.0	9.4	11.7	12.9	14.1
	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: P1049039

CATALOG NUMBER: GALN-SA3C-750-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
68.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.2											
4.7											
10.6											
15.3											
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REPORT NUMBER: P1049039

CATALOG NUMBER: GALN-SA3C-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°	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
0.0	2.5°	83.4	83.4	83.4	83.4	82.2	82.2	82.2	81.0	81.0	79.9
0.0	5°	76.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	76.3	76.3
0.0	7.5°	70.5	71.6	72.8	72.8	74.0	74.0	74.0	72.8	72.8	71.6
0.0	10°	66.9	68.1	68.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3
0.0	12.5°	62.2	63.4	64.6	64.6	65.8	65.8	65.8	65.8	64.6	64.6
0.0	15°	56.4	58.7	59.9	61.1	61.1	62.2	62.2	62.2	62.2	62.2
0.0	17.5°	51.7	54.0	55.2	56.4	56.4	57.5	57.5	58.7	58.7	58.7
0.0	20°	42.3	44.6	45.8	48.2	49.3	50.5	51.7	52.8	52.8	54.0
0.0	22.5°	32.9	35.2	36.4	38.8	39.9	41.1	42.3	43.5	44.6	45.8
0.0	25°	23.5	25.8	27.0	29.4	30.5	31.7	32.9	34.1	34.1	35.2
0.0	27.5°	12.9	15.3	17.6	18.8	21.1	22.3	23.5	24.7	25.8	27.0
0.0	30°	5.9	7.0	8.2	10.6	11.7	12.9	14.1	16.4	17.6	18.8
0.0	32.5°	0.0	0.0	1.2	3.5	4.7	5.9	7.0	8.2	8.2	9.4
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.3	3.5	4.7
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°	2.3	2.3	2.3	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	82.5°	5.9	7.0	8.2	8.2	9.4	9.4	9.4	9.4	8.2	8.2
	85°	11.7	12.9	14.1	14.1	15.3	15.3	15.3	15.3	15.3	15.3
	87.5°	16.4	17.6	18.8	18.8	20.0	20.0	20.0	20.0	20.0	20.0
	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: P1049039

CATALOG NUMBER: GALN-SA3C-750-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
68.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	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											
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3.5											
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REPORT NUMBER: P1049039

CATALOG NUMBER: GALN-SA3C-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°	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
0.0	2.5°	78.7	78.7	77.5	77.5	77.5	77.5	77.5	78.7	79.9	79.9
0.0	5°	75.2	75.2	74.0	74.0	74.0	75.2	75.2	76.3	77.5	78.7
0.0	7.5°	71.6	70.5	70.5	71.6	71.6	72.8	72.8	74.0	75.2	76.3
0.0	10°	69.3	68.1	68.1	68.1	69.3	69.3	70.5	71.6	72.8	74.0
0.0	12.5°	64.6	64.6	64.6	64.6	65.8	65.8	66.9	68.1	70.5	71.6
0.0	15°	62.2	61.1	61.1	61.1	61.1	62.2	62.2	64.6	66.9	68.1
0.0	17.5°	57.5	57.5	56.4	56.4	57.5	57.5	58.7	61.1	63.4	64.6
0.0	20°	52.8	51.7	50.5	50.5	51.7	51.7	52.8	55.2	57.5	58.7
0.0	22.5°	45.8	44.6	44.6	44.6	44.6	45.8	45.8	48.2	51.7	54.0
0.0	25°	36.4	37.6	37.6	38.8	38.8	39.9	41.1	43.5	47.0	49.3
0.0	27.5°	28.2	29.4	29.4	31.7	32.9	34.1	35.2	38.8	42.3	44.6
0.0	30°	21.1	22.3	23.5	24.7	27.0	29.4	31.7	35.2	38.8	41.1
0.0	32.5°	12.9	15.3	16.4	18.8	21.1	23.5	25.8	29.4	34.1	37.6
0.0	35°	9.4	10.6	12.9	14.1	16.4	18.8	21.1	25.8	29.4	34.1
0.0	37.5°	4.7	7.0	9.4	11.7	14.1	16.4	18.8	23.5	28.2	31.7
0.0	40°	3.5	5.9	7.0	9.4	12.9	15.3	17.6	22.3	27.0	31.7
0.0	42.5°	2.3	3.5	4.7	8.2	10.6	14.1	17.6	22.3	27.0	31.7
0.0	45°	2.3	2.3	3.5	7.0	10.6	15.3	18.8	23.5	27.0	31.7
0.0	47.5°	2.3	3.5	4.7	9.4	11.7	15.3	18.8	22.3	27.0	30.5
0.0	50°	3.5	4.7	5.9	10.6	12.9	16.4	18.8	23.5	27.0	31.7
0.0	52.5°	2.3	3.5	4.7	9.4	12.9	17.6	21.1	25.8	30.5	34.1
0.0	55°	1.2	1.2	1.2	7.0	14.1	20.0	27.0	30.5	35.2	38.8
0.0	57.5°	0.0	0.0	0.0	4.7	14.1	22.3	30.5	35.2	39.9	43.5
0.0	60°	0.0	0.0	0.0	4.7	14.1	22.3	30.5	36.4	42.3	48.2
0.0	62.5°	0.0	0.0	0.0	4.7	11.7	18.8	25.8	35.2	45.8	55.2
0.0	65°	0.0	0.0	0.0	3.5	9.4	15.3	21.1	35.2	49.3	62.2
0.0	67.5°	0.0	0.0	0.0	3.5	9.4	14.1	20.0	35.2	49.3	64.6
	70°	0.0	0.0	0.0	3.5	9.4	15.3	21.1	35.2	49.3	63.4
	72.5°	0.0	0.0	0.0	3.5	10.6	16.4	23.5	35.2	47.0	58.7
	75°	0.0	0.0	0.0	4.7	10.6	17.6	24.7	35.2	45.8	55.2
	77.5°	0.0	0.0	0.0	3.5	10.6	16.4	23.5	34.1	44.6	54.0
	80°	3.5	2.3	2.3	5.9	10.6	15.3	20.0	30.5	42.3	52.8
	82.5°	7.0	7.0	5.9	8.2	10.6	14.1	17.6	27.0	37.6	47.0
	85°	14.1	14.1	12.9	14.1	14.1	15.3	16.4	21.1	25.8	30.5
	87.5°	18.8	18.8	17.6	17.6	17.6	16.4	16.4	16.4	16.4	15.3
	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: P1049039

CATALOG NUMBER: GALN-SA3C-750-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
68.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5											
70.5											
65.8											
64.6											
63.4											
56.4											
35.2											
15.3											
0.0											
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0.0											

REPORT NUMBER: P1049039

CATALOG NUMBER: GALN-SA3C-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°	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
0.0	2.5°	82.2	83.4	83.4	84.6	85.7	86.9	86.9	88.1	88.1	88.1
0.0	5°	81.0	83.4	84.6	85.7	86.9	88.1	89.3	90.4	91.6	91.6
0.0	7.5°	79.9	81.0	83.4	84.6	86.9	88.1	90.4	91.6	92.8	94.0
0.0	10°	77.5	79.9	82.2	84.6	86.9	89.3	91.6	94.0	96.3	97.5
0.0	12.5°	75.2	78.7	81.0	83.4	86.9	90.4	92.8	96.3	98.7	101.0
0.0	15°	74.0	76.3	79.9	82.2	86.9	91.6	95.1	99.8	104.5	108.0
0.0	17.5°	70.5	75.2	78.7	82.2	86.9	92.8	97.5	102.2	109.2	116.3
0.0	20°	65.8	69.3	74.0	77.5	84.6	90.4	97.5	103.4	113.9	124.5
0.0	22.5°	61.1	65.8	69.3	74.0	82.2	89.3	97.5	104.5	122.1	138.6
0.0	25°	56.4	62.2	66.9	71.6	81.0	90.4	99.8	109.2	138.6	167.9
0.0	27.5°	54.0	58.7	64.6	69.3	81.0	94.0	105.7	117.4	164.4	210.2
0.0	30°	50.5	56.4	61.1	66.9	82.2	97.5	112.7	128.0	199.7	271.3
0.0	32.5°	47.0	52.8	58.7	64.6	84.6	104.5	123.3	143.3	237.2	330.0
0.0	35°	43.5	50.5	56.4	62.2	88.1	115.1	140.9	166.8	271.3	374.6
0.0	37.5°	42.3	49.3	55.2	61.1	89.3	116.3	144.5	171.5	274.8	378.2
0.0	40°	43.5	49.3	56.4	62.2	85.7	109.2	131.5	155.0	263.1	369.9
0.0	42.5°	43.5	50.5	57.5	64.6	83.4	102.2	121.0	139.8	259.6	379.3
0.0	45°	42.3	49.3	56.4	63.4	81.0	97.5	115.1	131.5	280.7	428.7
0.0	47.5°	41.1	48.2	55.2	62.2	79.9	97.5	115.1	132.7	362.9	591.9
0.0	50°	41.1	48.2	54.0	59.9	81.0	103.4	124.5	145.6	528.5	910.2
0.0	52.5°	43.5	49.3	54.0	58.7	83.4	109.2	133.9	158.5	671.8	1183.8
0.0	55°	47.0	50.5	55.2	58.7	89.3	118.6	149.2	178.5	715.2	1251.9
0.0	57.5°	51.7	55.2	58.7	62.2	99.8	137.4	173.8	211.4	718.8	1224.9
0.0	60°	57.5	62.2	65.8	69.3	109.2	150.3	190.3	230.2	650.6	1069.9
0.0	62.5°	70.5	76.3	81.0	86.9	125.7	163.2	202.0	239.6	540.2	840.9
0.0	65°	81.0	85.7	90.4	95.1	132.7	171.5	209.0	246.6	458.0	669.4
0.0	67.5°	83.4	88.1	91.6	96.3	135.1	173.8	211.4	250.2	392.3	533.2
	70°	84.6	90.4	97.5	103.4	143.3	183.2	222.0	261.9	347.6	433.4
	72.5°	81.0	92.8	103.4	113.9	151.5	187.9	225.5	261.9	323.0	384.0
	75°	81.0	97.5	112.7	128.0	156.2	183.2	211.4	238.4	285.4	332.4
	77.5°	85.7	106.9	128.0	149.2	165.6	180.9	197.3	212.6	243.1	273.6
	80°	85.7	108.0	129.2	151.5	158.5	166.8	173.8	180.9	184.4	187.9
	82.5°	74.0	91.6	109.2	126.8	118.6	110.4	102.2	94.0	88.1	81.0
	85°	37.6	41.1	43.5	45.8	42.3	38.8	35.2	31.7	29.4	25.8
	87.5°	15.3	15.3	14.1	14.1	14.1	14.1	12.9	12.9	12.9	12.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049039

CATALOG NUMBER: GALN-SA3C-750-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
68.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
184.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
347.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
470.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
588.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
668.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
728.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
788.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
905.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1140.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1738.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2662.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3351.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3428.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3093.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2644.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2067.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1562.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1153.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
816.2											
607.2											
441.6											
332.4											
186.7											
84.6											
24.7											
11.7											
0.0											
0.0											
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REPORT NUMBER: P1049039

CATALOG NUMBER: GALN-SA3C-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°	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
0.0	2.5°	88.1	86.9	86.9	85.7	84.6	83.4	82.2	81.0	79.9	78.7
0.0	5°	91.6	91.6	91.6	90.4	90.4	89.3	89.3	88.1	86.9	85.7
0.0	7.5°	95.1	96.3	96.3	97.5	97.5	97.5	97.5	96.3	96.3	96.3
0.0	10°	101.0	102.2	103.4	104.5	105.7	106.9	106.9	108.0	108.0	108.0
0.0	12.5°	108.0	111.6	113.9	117.4	119.8	123.3	125.7	129.2	131.5	133.9
0.0	15°	118.6	124.5	131.5	137.4	143.3	151.5	160.9	169.1	177.3	190.3
0.0	17.5°	133.9	152.7	171.5	189.1	207.9	249.0	290.1	330.0	371.1	431.0
0.0	20°	163.2	219.6	274.8	331.2	386.4	530.8	674.1	818.6	961.9	1115.7
0.0	22.5°	229.0	367.6	506.2	644.8	783.3	1085.2	1385.8	1687.7	1988.3	2341.8
0.0	25°	332.4	587.2	842.1	1095.7	1350.6	1822.7	2296.0	2768.1	3240.3	3699.5
0.0	27.5°	483.9	873.8	1263.7	1652.4	2042.3	2682.4	3323.7	3963.7	4603.8	5122.9
0.0	30°	670.6	1199.1	1727.6	2256.1	2784.6	3512.7	4240.9	4967.9	5696.0	6263.3
0.0	32.5°	846.8	1493.9	2141.0	2786.9	3434.0	4263.2	5093.5	5922.7	6751.8	7371.9
0.0	35°	961.9	1744.0	2527.4	3309.6	4091.7	4989.0	5886.3	6782.4	7679.6	8387.8
0.0	37.5°	1077.0	1980.1	2882.1	3785.2	4687.2	5672.5	6657.9	7643.2	8628.6	9503.5
0.0	40°	1206.1	2265.5	3323.7	4383.0	5441.2	6608.5	7774.8	8942.2	10108.4	11342.7
0.0	42.5°	1430.5	2738.8	4048.3	5356.6	6664.9	8209.3	9753.7	11296.9	12841.3	14602.9
0.0	45°	1852.1	3695.9	5541.0	7384.8	9228.7	11274.6	13321.6	15367.5	17413.4	19757.5
0.0	47.5°	2884.4	5421.2	7956.8	10493.6	13029.2	15238.3	17446.2	19655.3	21863.3	24198.1
0.0	50°	4413.5	7366.1	10318.6	13269.9	16222.5	18221.4	20219.1	22218.0	24215.7	26436.5
0.0	52.5°	5519.8	8595.7	11672.7	14748.6	17824.4	19628.3	21433.4	23237.4	25041.3	27116.5
0.0	55°	5603.2	8661.5	11720.9	14779.1	17837.3	19649.5	21461.6	23273.8	25085.9	27285.7
0.0	57.5°	4960.8	7994.4	11026.8	14060.3	17092.7	19156.2	21218.5	23282.0	25344.3	27722.5
0.0	60°	4219.7	7254.5	10288.1	13322.8	16356.4	18733.4	21111.6	23488.7	25865.8	28093.7
0.0	62.5°	3291.9	6413.6	9536.4	12658.1	15779.7	18193.2	20606.6	23018.9	25432.4	27103.6
0.0	65°	2453.4	5484.6	8515.8	11545.9	14577.1	16510.2	18443.3	20375.3	22308.4	23343.1
0.0	67.5°	1773.4	4387.7	7000.8	9615.1	12228.2	13611.7	14995.2	16377.5	17761.0	18552.6
	70°	1199.1	3010.1	4819.9	6630.9	8440.7	9577.5	10715.5	11852.4	12989.3	14058.0
	72.5°	830.3	1847.4	2865.6	3882.7	4899.7	6043.6	7186.4	8330.3	9473.0	10604.0
	75°	550.8	1013.5	1477.4	1940.2	2402.9	3249.7	4097.6	4944.4	5791.1	6465.3
	77.5°	391.1	529.7	669.4	808.0	946.6	1105.1	1264.9	1423.4	1582.0	1822.7
	80°	185.6	203.2	220.8	237.2	254.9	312.4	369.9	427.5	485.0	546.1
	82.5°	88.1	95.1	102.2	108.0	115.1	121.0	126.8	132.7	138.6	132.7
	85°	23.5	23.5	24.7	24.7	24.7	24.7	24.7	24.7	24.7	23.5
	87.5°	10.6	10.6	10.6	10.6	10.6	10.6	10.6	9.4	9.4	8.2
	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: P1049039

CATALOG NUMBER: GALN-SA3C-750-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
68.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
204.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
489.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1270.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2695.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4158.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5642.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6831.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7993.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9096.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10379.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12577.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16364.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22101.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26532.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28657.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29191.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29486.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30100.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30320.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28776.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24378.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19345.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15125.6											
11735.0											
7139.4											
2063.5											
607.2											
125.7											
22.3											
8.2											
0.0											
0.0											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049039

CATALOG NUMBER: GALN-SA3C-750-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
0.0	2.5°	76.3	75.2	74.0	72.8	71.6	69.3	69.3	68.1	68.1
0.0	5°	83.4	82.2	81.0	79.9	79.9	78.7	77.5	77.5	76.3
0.0	7.5°	95.1	94.0	92.8	91.6	91.6	90.4	90.4	89.3	89.3
0.0	10°	109.2	109.2	109.2	109.2	109.2	108.0	108.0	108.0	106.9
0.0	12.5°	137.4	138.6	140.9	143.3	146.8	146.8	146.8	145.6	145.6
0.0	15°	217.3	230.2	239.6	249.0	257.2	276.0	273.6	270.1	267.8
0.0	17.5°	549.6	608.4	640.1	670.6	702.3	789.2	775.1	761.0	748.1
0.0	20°	1424.6	1578.4	1680.6	1782.8	1886.1	2049.4	2009.5	1969.5	1929.6
0.0	22.5°	3047.7	3401.2	3555.0	3708.9	3861.5	4058.8	3930.8	3802.8	3676.0
0.0	25°	4616.7	5075.9	5335.5	5595.0	5853.4	5966.1	5799.4	5631.4	5464.6
0.0	27.5°	6161.1	6680.2	6909.2	7137.0	7366.1	7602.1	7395.4	7187.5	6980.8
0.0	30°	7398.9	7966.2	8214.0	8460.6	8708.4	8872.9	8659.1	8444.2	8230.4
0.0	32.5°	8613.3	9233.4	9504.7	9776.0	10046.1	10282.2	10019.1	9754.9	9491.8
0.0	35°	9803.0	10511.2	10884.7	11258.1	11631.6	11851.2	11538.8	11225.3	10912.9
0.0	37.5°	11254.6	12129.6	12547.7	12965.8	13383.9	13784.3	13440.2	13095.0	12750.8
0.0	40°	13811.4	15045.7	15686.9	16329.3	16970.6	17487.3	17052.8	16618.3	16183.7
0.0	42.5°	18126.2	19887.9	20809.8	21730.6	22652.5	23459.3	23002.5	22545.6	22088.8
0.0	45°	24445.9	26790.0	27914.0	29036.7	30160.7	30750.2	30092.6	29433.7	28776.0
0.0	47.5°	28866.4	31201.2	32201.8	33202.5	34203.1	34876.0	34071.5	33267.1	32463.7
0.0	50°	30877.1	33097.9	34102.1	35105.0	36109.2	36643.6	35714.6	34784.4	33855.4
0.0	52.5°	31265.8	33341.0	34539.0	35738.1	36936.0	37650.0	36553.1	35455.0	34358.1
0.0	55°	31686.3	33886.0	35275.3	36665.9	38055.2	39044.1	37803.9	36562.5	35322.3
0.0	57.5°	32477.8	34856.1	36241.9	37626.6	39012.4	39852.1	38608.4	37363.5	36119.8
0.0	60°	32548.3	34775.0	35965.9	37158.0	38348.8	38877.3	37687.6	36496.8	35307.0
0.0	62.5°	30447.2	32118.5	32945.3	33772.1	34598.9	35173.2	33931.8	32689.2	31447.9
0.0	65°	25413.6	26448.3	27107.1	27766.0	28424.9	29109.6	27972.7	26835.8	25699.0
0.0	67.5°	20136.9	20928.4	21796.3	22664.3	23532.2	24263.8	23353.6	22442.3	21532.1
	70°	16194.3	17261.9	18237.8	19213.8	20189.7	20788.7	19875.0	18960.1	18046.4
	72.5°	12865.9	13996.9	14812.0	15625.9	16440.9	16587.7	15915.9	15244.2	14573.6
	75°	7812.3	8486.5	8502.9	8518.2	8534.6	8674.4	8117.7	7561.0	7005.5
	77.5°	2304.2	2545.0	2743.5	2940.8	3139.3	3378.9	3174.5	2969.0	2764.6
	80°	667.1	728.1	779.8	830.3	882.0	851.5	803.3	755.2	707.0
	82.5°	119.8	112.7	111.6	110.4	110.4	104.5	95.1	85.7	76.3
	85°	21.1	20.0	18.8	17.6	16.4	15.3	12.9	11.7	9.4
	87.5°	7.0	5.9	4.7	3.5	3.5	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: P1049039

CATALOG NUMBER: GALN-SA3C-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049039

CATALOG NUMBER: GALN-SA3C-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°	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
0.0	0.0	2.5°	66.9	65.8	65.8	65.8	65.8	64.6	64.6	64.6	64.6
0.0	0.0	5°	74.0	74.0	72.8	72.8	71.6	71.6	70.5	70.5	69.3
0.0	0.0	7.5°	86.9	85.7	84.6	83.4	82.2	79.9	78.7	77.5	77.5
0.0	0.0	10°	104.5	102.2	101.0	98.7	97.5	95.1	92.8	90.4	88.1
0.0	0.0	12.5°	137.4	132.7	129.2	124.5	119.8	116.3	111.6	108.0	103.4
0.0	0.0	15°	238.4	226.7	213.7	198.5	182.0	166.8	150.3	140.9	130.4
0.0	0.0	17.5°	609.5	548.5	486.2	435.7	385.2	335.9	285.4	249.0	212.6
0.0	0.0	20°	1551.4	1382.3	1213.2	1046.4	878.5	711.7	543.8	459.2	374.6
0.0	0.0	22.5°	2919.6	2606.1	2291.3	1987.1	1681.8	1377.6	1073.4	882.0	691.7
0.0	0.0	25°	4506.3	4111.7	3717.1	3216.8	2715.3	2215.0	1714.7	1403.5	1092.2
0.0	0.0	27.5°	5864.0	5409.4	4954.9	4346.6	3738.2	3129.9	2521.5	2057.6	1594.9
0.0	0.0	30°	7039.6	6551.0	6062.4	5354.3	4646.1	3937.9	3229.7	2649.5	2069.4
0.0	0.0	32.5°	8059.0	7474.1	6889.2	6158.7	5428.2	4697.7	3967.2	3255.5	2543.8
0.0	0.0	35°	9234.6	8552.2	7868.7	7058.4	6246.8	5436.5	4626.1	3822.8	3018.3
0.0	0.0	37.5°	10728.5	9891.1	9052.5	8149.4	7246.3	6344.3	5441.2	4522.8	3604.3
0.0	0.0	40°	13588.2	12507.7	11427.3	10279.8	9131.2	7983.8	6836.4	5708.9	4581.5
0.0	0.0	42.5°	18712.3	17252.5	15792.6	14265.9	12737.9	11211.2	9683.2	8093.0	6501.7
0.0	0.0	45°	24495.2	22684.2	20872.1	19158.6	17443.9	15730.4	14016.9	11834.8	9652.7
0.0	0.0	47.5°	27747.2	25791.8	23836.3	22214.4	20592.5	18970.7	17348.8	14996.4	12644.0
0.0	0.0	50°	28944.0	26953.3	24962.6	23469.9	21976.0	20483.3	18989.4	16633.5	14276.4
0.0	0.0	52.5°	29198.8	27168.2	25137.6	23635.5	22133.4	20632.5	19130.4	16789.7	14449.1
0.0	0.0	55°	29722.6	27544.0	25364.3	23652.0	21939.6	20227.3	18515.0	16136.7	13758.5
0.0	0.0	57.5°	30407.3	28173.5	25939.8	23989.0	22038.3	20088.7	18138.0	15537.8	12937.6
0.0	0.0	60°	30227.6	28283.9	26339.1	24249.7	22159.2	20069.9	17979.4	15119.7	12258.8
0.0	0.0	62.5°	27108.3	25560.4	24011.3	22293.1	20573.8	18855.6	17137.4	14193.1	11248.7
0.0	0.0	65°	22301.4	21171.5	20041.7	18659.4	17275.9	15893.6	14511.3	11871.2	9232.2
0.0	0.0	67.5°	18074.6	16801.5	15527.2	14425.6	13322.8	12221.2	11118.4	9040.8	6963.2
		70°	14359.8	12975.2	11589.3	10513.5	9436.6	8360.8	7285.0	5903.9	4523.9
		72.5°	11403.8	10155.3	8906.9	7759.5	6610.9	5463.5	4314.9	3498.6	2682.4
		75°	5450.6	4951.4	4452.3	3852.1	3252.0	2651.9	2051.7	1695.9	1341.2
		77.5°	2020.0	1751.1	1481.0	1236.7	992.4	749.3	505.0	462.7	420.4
		80°	522.6	455.7	387.6	339.4	290.1	241.9	193.8	175.0	157.4
		82.5°	59.9	55.2	51.7	49.3	45.8	43.5	39.9	36.4	32.9
		85°	3.5	2.3	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: P1049039

CATALOG NUMBER: GALN-SA3C-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049039

CATALOG NUMBER: GALN-SA3C-750-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	68.1	68.1
0.0	0.0	2.5°	63.4	62.2
0.0	0.0	5°	66.9	65.8
0.0	0.0	7.5°	74.0	71.6
0.0	0.0	10°	81.0	78.7
0.0	0.0	12.5°	91.6	88.1
0.0	0.0	15°	103.4	96.3
0.0	0.0	17.5°	123.3	108.0
0.0	0.0	20°	166.8	128.0
0.0	0.0	22.5°	234.9	159.7
0.0	0.0	25°	345.3	220.8
0.0	0.0	27.5°	480.3	293.6
0.0	0.0	30°	638.9	367.6
0.0	0.0	32.5°	778.7	438.1
0.0	0.0	35°	960.7	509.7
0.0	0.0	37.5°	1185.0	601.3
0.0	0.0	40°	1532.6	739.9
0.0	0.0	42.5°	2158.6	995.9
0.0	0.0	45°	3505.7	1721.7
0.0	0.0	47.5°	5394.2	2848.0
0.0	0.0	50°	6599.2	3634.9
0.0	0.0	52.5°	6697.8	3629.0
0.0	0.0	55°	6114.1	3226.2
0.0	0.0	57.5°	5216.8	2696.5
0.0	0.0	60°	4336.0	2132.8
0.0	0.0	62.5°	3416.4	1472.7
0.0	0.0	65°	2496.8	1041.7
0.0	0.0	67.5°	1793.4	778.7
		70°	1179.1	596.6
		72.5°	768.1	486.2
		75°	516.8	402.8
		77.5°	301.8	267.8
		80°	106.9	94.0
		82.5°	20.0	14.1
		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: P1049039

CATALOG NUMBER: GALN-SA3C-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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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			

REPORT NUMBER: SP1-2407-184-6

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

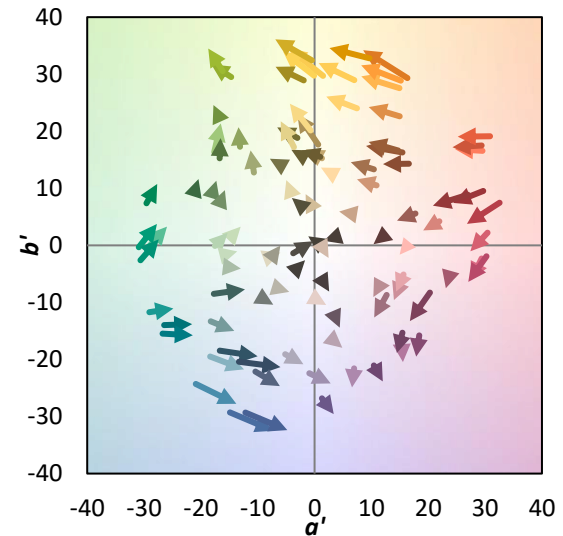
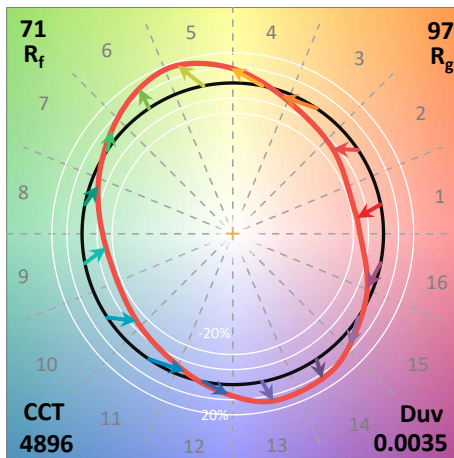
TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 CIE $R_a = 70.2$
 $R_g = -35.1$



Color Vector Graphics

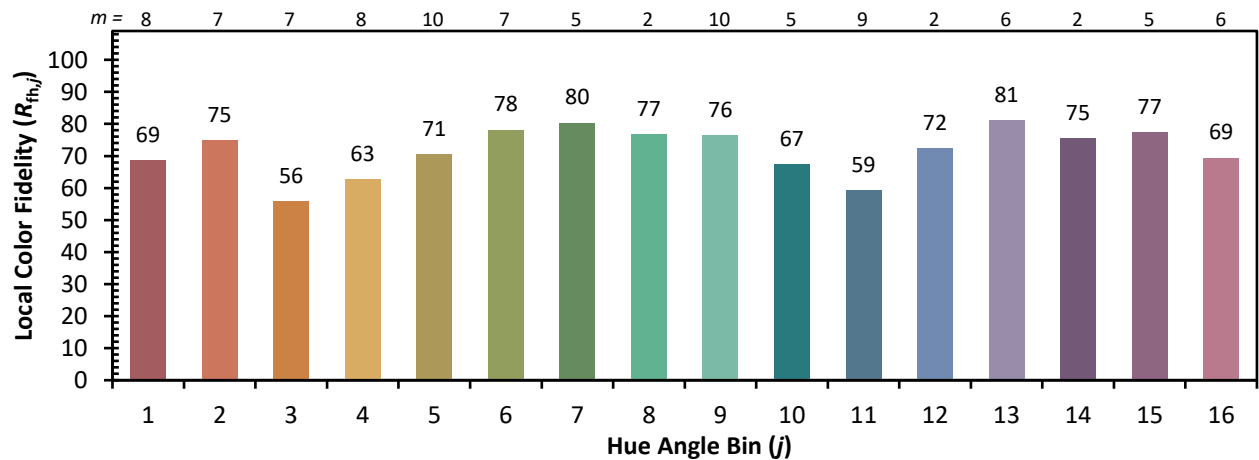
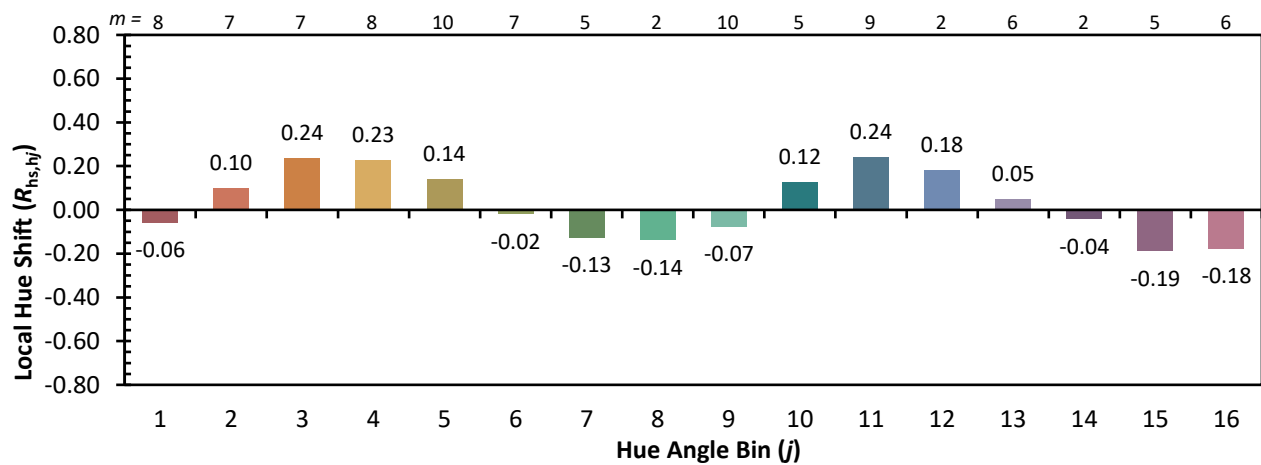
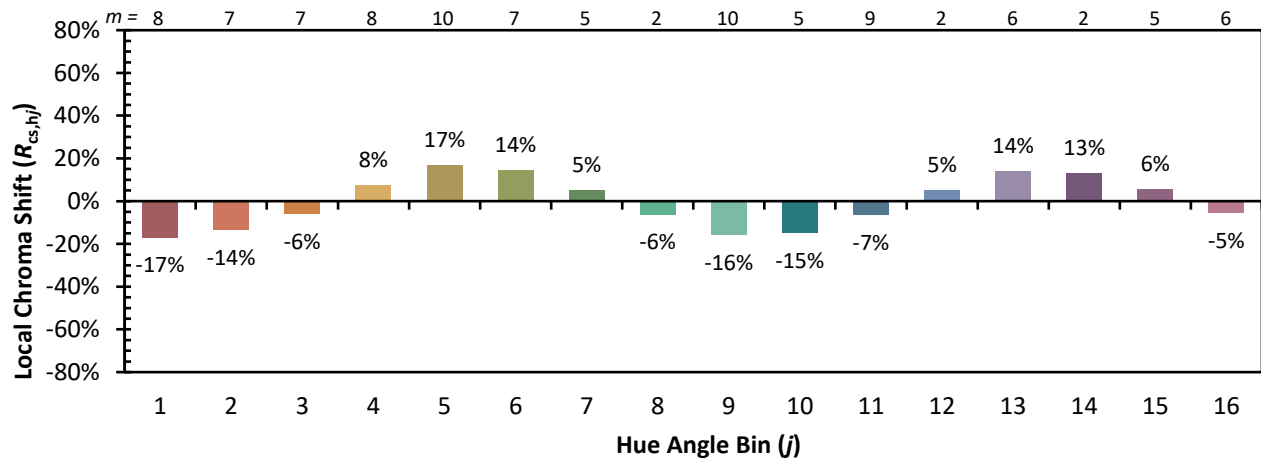


Individual Sample Fidelity Index ($R_{f,i}$)

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)