

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: P1049399

Luminaire Tested: **GALN-SA3C-940-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049399
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3C-940-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
90CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11315.2 lumens
Efficiency: N/A
Efficacy: 80.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

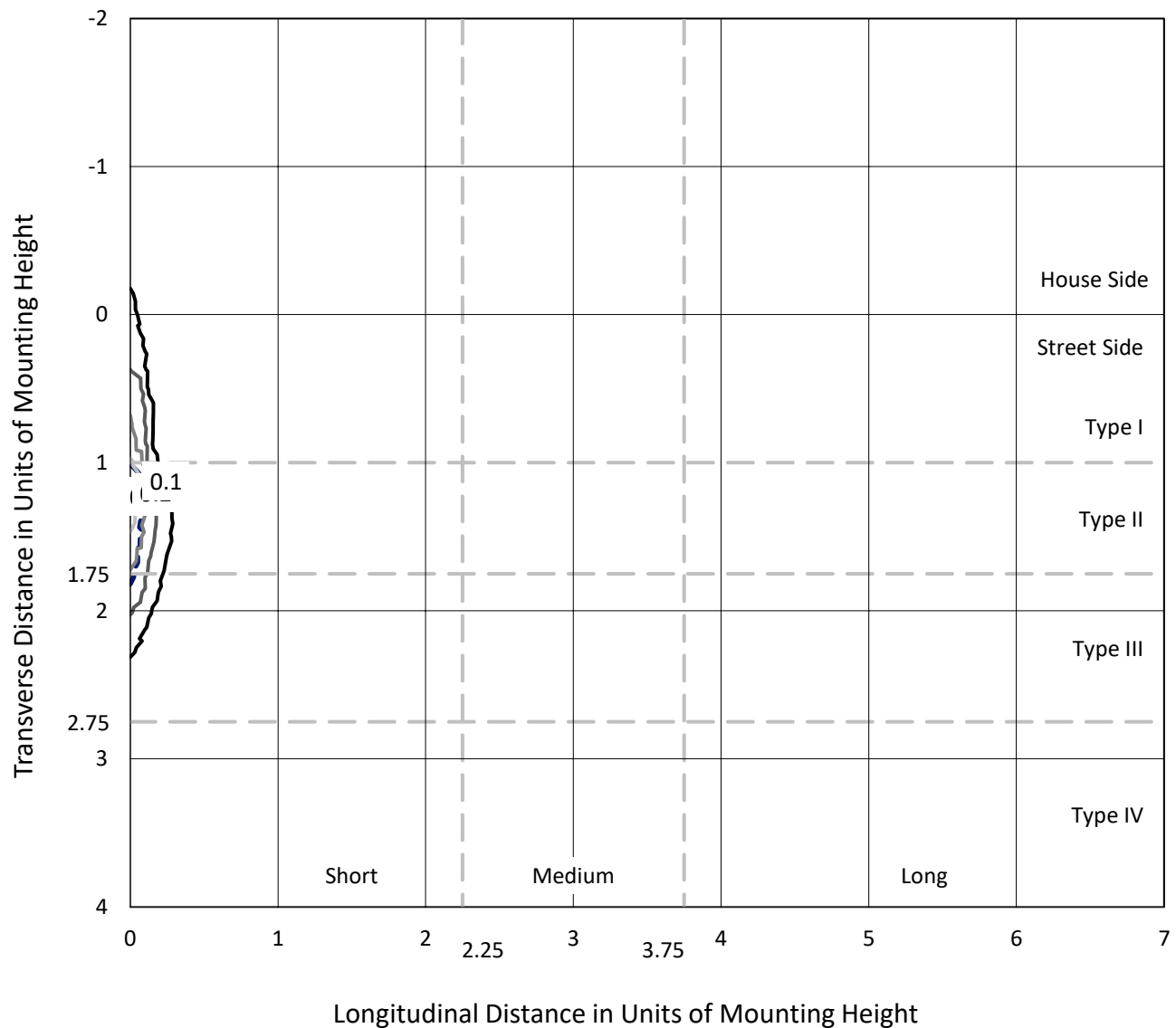
Input Watts (W): 140.4
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

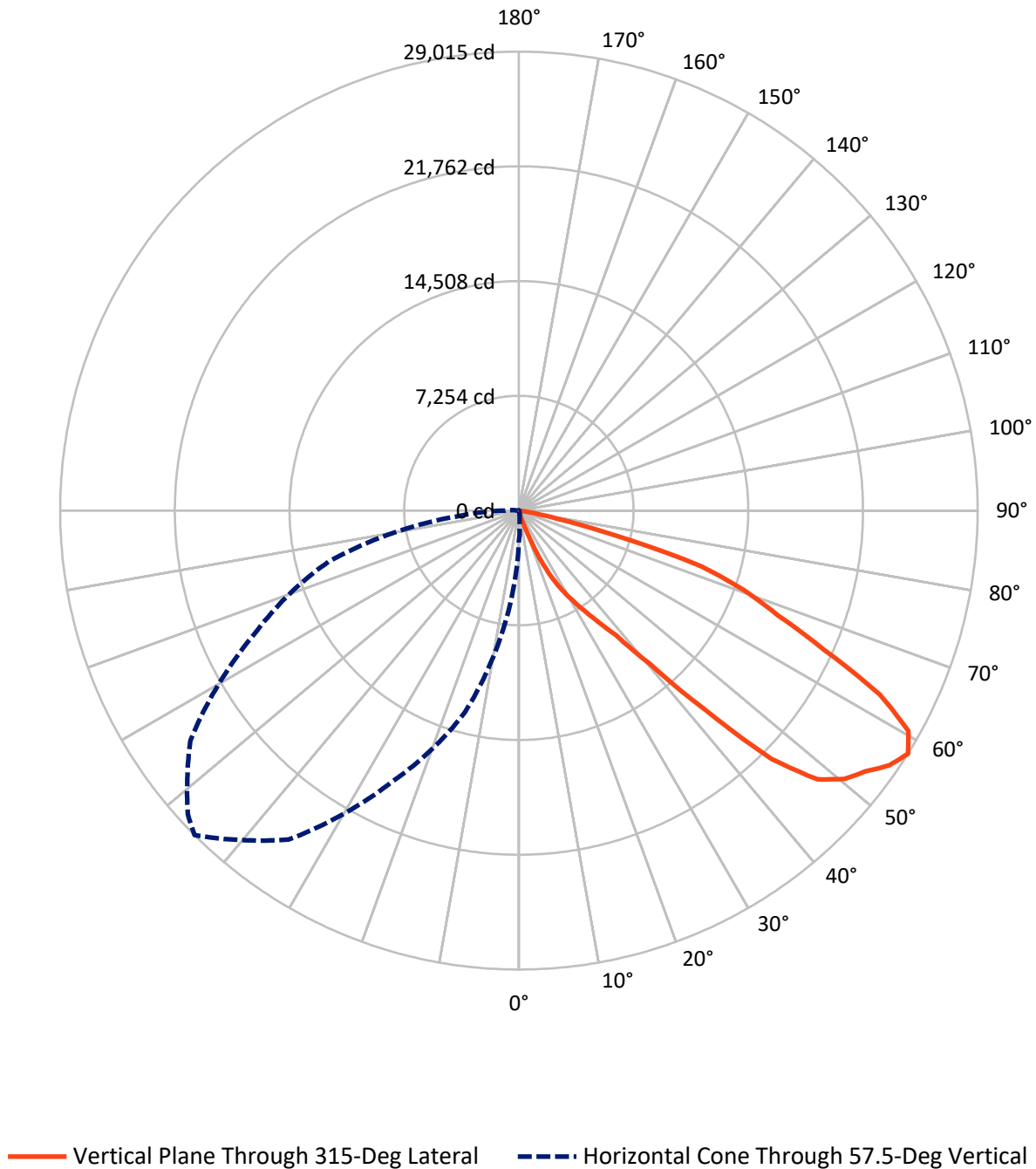
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.7 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	56.7	0.0	56.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	11258.6	0.0	11258.6
	% Fixture	99.5	0.0	99.5
Total	Lumens	11315.2	0.0	11315.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.4	0.0
10°-20°	24.9	0.2
20°-30°	268.2	2.4
30°-40°	793.0	7.0
40°-50°	2363.3	20.9
50°-60°	3747.3	33.1
60°-70°	3128.1	27.6
70°-80°	964.6	8.5
80°-90°	21.5	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°	11315.2	100.0
0°-180°	11315.2	100.0



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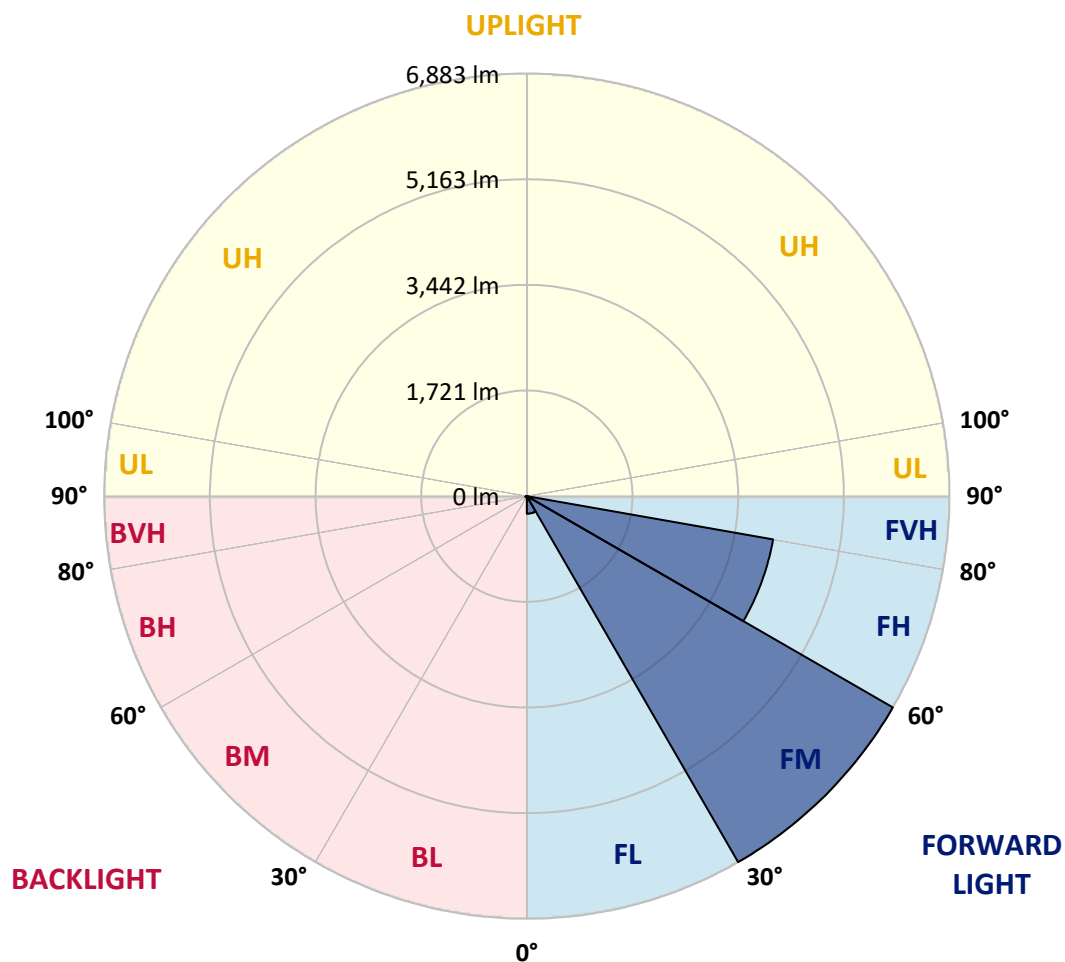
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	287.0	2.5			
FM	(30°-60°)	6883.4	60.8			
FH	(60°-80°)	4071.6	36.0			G2/5000
FVH	(80°-90°)	16.6	0.1			G1/100
BL	(0°-30°)	10.4	0.1	B0/110		
BM	(30°-60°)	20.3	0.2	B0/220		
BH	(60°-80°)	21.1	0.2	B0/110		G0/110
BVH	(80°-90°)	4.9	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-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°	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
2.5°	45.3	45.3	45.3	45.3	44.5	44.5	43.6	43.6	42.8	42.8
5°	47.9	47.9	47.0	46.2	46.2	45.3	44.5	43.6	43.6	42.8
7.5°	52.2	51.3	50.4	49.6	47.9	47.0	45.3	44.5	43.6	41.9
10°	57.3	55.6	53.9	52.2	50.4	48.7	47.0	46.2	44.5	43.6
12.5°	64.1	61.6	58.1	55.6	53.9	51.3	49.6	47.9	45.3	43.6
15°	70.1	66.7	62.4	59.0	56.4	53.0	50.4	47.9	46.2	43.6
17.5°	78.7	72.7	65.8	61.6	58.1	53.9	49.6	47.0	44.5	41.0
20°	93.2	81.2	68.4	63.3	58.1	53.0	47.9	44.5	41.9	38.5
22.5°	116.3	95.8	75.2	67.6	60.7	53.0	46.2	42.8	39.3	35.9
25°	160.8	124.0	87.2	77.0	66.7	56.4	46.2	41.9	38.5	34.2
27.5°	213.8	159.0	103.5	88.9	75.2	60.7	46.2	41.0	36.8	31.6
30°	267.6	195.0	121.4	102.6	83.8	65.0	46.2	40.2	35.1	29.1
32.5°	318.9	228.3	136.8	114.6	92.3	69.3	47.0	40.2	33.3	26.5
35°	371.1	255.7	139.4	116.3	93.2	69.3	46.2	38.5	31.6	23.9
37.5°	437.8	286.5	134.2	111.2	88.9	65.8	43.6	36.8	29.9	22.2
40°	538.7	337.8	136.8	112.9	88.9	65.0	41.0	34.2	28.2	21.4
42.5°	725.1	436.9	147.9	120.6	93.2	65.0	37.6	31.6	26.5	20.5
45°	1253.5	726.0	198.4	157.3	116.3	75.2	34.2	29.1	24.8	19.7
47.5°	2073.6	1215.1	356.6	275.3	195.0	113.7	33.3	29.1	24.8	19.7
50°	2646.5	1547.7	448.9	345.5	242.0	138.5	35.1	29.9	25.7	20.5
52.5°	2642.2	1571.6	500.2	383.9	268.5	152.2	36.8	31.6	27.4	22.2
55°	2348.9	1429.7	509.6	391.6	274.5	156.5	39.3	34.2	29.1	23.9
57.5°	1963.3	1214.2	465.2	360.0	255.7	150.5	45.3	39.3	34.2	28.2
60°	1552.8	957.7	362.6	286.5	211.2	135.1	59.9	52.2	45.3	37.6
62.5°	1072.3	694.3	316.4	254.0	192.4	130.0	68.4	60.7	53.9	46.2
65°	758.5	522.5	285.6	232.6	180.4	127.4	74.4	65.8	58.1	49.6
67.5°	566.9	415.6	263.4	218.0	172.7	127.4	82.1	71.8	62.4	52.2
70°	434.4	341.2	247.1	210.3	174.4	137.7	100.9	86.4	72.7	58.1
72.5°	354.0	291.6	228.3	201.8	175.3	148.8	122.3	103.5	84.7	65.0
75°	293.3	249.7	206.1	183.8	162.5	140.2	118.0	100.9	84.7	67.6
77.5°	195.0	177.9	159.9	147.1	134.2	120.6	107.7	93.2	79.5	65.0
80°	68.4	65.8	63.3	68.4	73.5	78.7	83.8	73.5	64.1	53.9
82.5°	10.3	9.4	8.6	9.4	10.3	11.1	12.0	12.8	13.7	14.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
0.0	2.5°	41.9	41.9	41.0	41.0	41.0	40.2	40.2	39.3	39.3	39.3
0.0	5°	41.0	41.0	40.2	39.3	38.5	38.5	37.6	36.8	36.8	35.9
0.0	7.5°	40.2	39.3	38.5	37.6	36.8	35.9	35.1	34.2	34.2	33.3
0.0	10°	41.0	39.3	38.5	36.8	35.9	35.1	33.3	32.5	31.6	31.6
0.0	12.5°	39.3	38.5	36.8	35.1	34.2	32.5	31.6	29.9	29.1	29.1
0.0	15°	39.3	37.6	35.1	33.3	31.6	30.8	29.1	27.4	26.5	25.7
0.0	17.5°	36.8	35.1	32.5	30.8	29.1	27.4	25.7	23.9	23.1	22.2
0.0	20°	33.3	31.6	29.1	26.5	24.8	23.1	21.4	19.7	18.8	18.0
0.0	22.5°	29.9	28.2	25.7	23.1	21.4	19.7	17.1	15.4	14.5	12.8
0.0	25°	28.2	25.7	23.1	20.5	18.0	16.2	13.7	11.1	9.4	7.7
0.0	27.5°	23.9	21.4	18.8	16.2	13.7	11.1	8.6	6.0	4.3	3.4
0.0	30°	20.5	18.0	15.4	12.8	9.4	6.8	4.3	0.9	0.9	0.9
0.0	32.5°	17.1	14.5	11.1	8.6	6.8	4.3	2.6	0.0	0.0	0.0
0.0	35°	13.7	11.1	7.7	5.1	4.3	2.6	1.7	0.0	0.0	0.0
0.0	37.5°	12.0	9.4	6.0	2.6	1.7	1.7	0.9	0.0	0.0	0.0
0.0	40°	11.1	7.7	4.3	0.9	0.9	0.9	0.0	0.0	0.0	0.0
0.0	42.5°	11.1	7.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	11.1	7.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	11.1	7.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	12.0	8.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	13.7	10.3	6.8	3.4	2.6	1.7	0.9	0.0	0.0	0.0
0.0	55°	17.1	15.4	12.8	11.1	8.6	6.0	2.6	0.0	0.0	0.0
0.0	57.5°	22.2	22.2	21.4	20.5	15.4	10.3	5.1	0.0	0.0	0.0
0.0	60°	29.9	29.9	29.9	29.9	22.2	15.4	7.7	0.0	0.0	0.0
0.0	62.5°	36.8	35.1	32.5	30.8	23.1	15.4	7.7	0.0	0.0	0.0
0.0	65°	36.8	33.3	29.1	24.8	18.8	12.8	6.0	0.0	0.0	0.0
0.0	67.5°	34.2	27.4	19.7	12.8	9.4	6.8	3.4	0.0	0.0	0.0
	70°	34.2	23.9	13.7	3.4	2.6	1.7	0.9	0.0	0.0	0.0
	72.5°	34.2	23.1	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	37.6	25.7	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	37.6	25.7	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	33.3	22.2	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	11.1	7.7	3.4	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°	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
0.0	2.5°	38.5	38.5	38.5	37.6	37.6	37.6	37.6	36.8	36.8	36.8
0.0	5°	35.1	35.1	34.2	34.2	33.3	33.3	32.5	32.5	31.6	31.6
0.0	7.5°	32.5	31.6	31.6	30.8	29.9	29.9	29.1	29.1	28.2	27.4
0.0	10°	29.9	29.1	29.1	28.2	27.4	26.5	26.5	25.7	24.8	23.9
0.0	12.5°	27.4	26.5	25.7	24.8	23.9	23.1	23.1	22.2	21.4	20.5
0.0	15°	23.9	23.1	22.2	21.4	20.5	19.7	19.7	18.8	18.0	17.1
0.0	17.5°	20.5	19.7	19.7	18.8	18.0	17.1	16.2	14.5	13.7	12.8
0.0	20°	15.4	14.5	13.7	12.8	12.0	10.3	9.4	7.7	6.0	5.1
0.0	22.5°	10.3	8.6	7.7	6.0	4.3	3.4	2.6	0.9	0.0	0.0
0.0	25°	3.4	2.6	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA3C-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049399

CATALOG NUMBER: GALN-SA3C-940-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
0.0	2.5°	35.9	35.9	35.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1
0.0	5°	30.8	30.8	30.8	29.9	29.9	29.1	29.1	29.1	28.2	28.2
0.0	7.5°	26.5	25.7	25.7	24.8	24.8	23.9	23.9	23.9	23.1	23.1
0.0	10°	22.2	21.4	21.4	20.5	20.5	19.7	19.7	18.8	18.8	18.0
0.0	12.5°	19.7	18.8	18.0	17.1	17.1	16.2	15.4	15.4	14.5	13.7
0.0	15°	15.4	14.5	13.7	12.8	12.0	11.1	10.3	10.3	9.4	8.6
0.0	17.5°	10.3	8.6	7.7	6.8	6.8	6.0	5.1	4.3	3.4	2.6
0.0	20°	2.6	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049399

CATALOG NUMBER: GALN-SA3C-940-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°	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
0.0	2.5°	35.1	34.2	34.2	34.2	35.1	35.1	35.1	35.1	35.1	35.1
0.0	5°	28.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
0.0	7.5°	23.1	22.2	22.2	22.2	22.2	21.4	21.4	21.4	21.4	21.4
0.0	10°	18.0	17.1	17.1	17.1	17.1	16.2	16.2	16.2	16.2	16.2
0.0	12.5°	12.8	12.8	12.0	12.0	12.0	11.1	11.1	11.1	11.1	10.3
0.0	15°	7.7	6.8	6.0	6.0	6.0	5.1	5.1	5.1	5.1	4.3
0.0	17.5°	1.7	1.7	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA3C-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049399

CATALOG NUMBER: GALN-SA3C-940-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
0.0	2.5°	35.9	35.9	36.8	36.8	37.6	39.3	40.2	41.0	42.8	44.5
0.0	5°	28.2	29.1	29.1	29.9	30.8	31.6	32.5	33.3	35.1	36.8
0.0	7.5°	22.2	22.2	23.1	23.1	23.9	25.7	26.5	27.4	29.1	31.6
0.0	10°	17.1	17.1	18.0	18.0	18.8	20.5	21.4	22.2	23.9	26.5
0.0	12.5°	11.1	12.0	12.0	12.8	13.7	15.4	16.2	17.1	18.8	20.5
0.0	15°	5.1	6.0	6.0	6.8	7.7	9.4	10.3	11.1	12.8	15.4
0.0	17.5°	0.9	0.9	1.7	1.7	2.6	3.4	4.3	5.1	7.7	9.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.4
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049399

CATALOG NUMBER: GALN-SA3C-940-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°	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
0.0	2.5°	47.0	48.7	50.4	52.2	53.9	55.6	56.4	58.1	59.0	59.9
0.0	5°	40.2	41.9	44.5	46.2	47.9	49.6	51.3	52.2	53.0	53.9
0.0	7.5°	35.1	36.8	39.3	41.0	42.8	44.5	46.2	47.9	48.7	49.6
0.0	10°	29.9	32.5	34.2	36.8	38.5	40.2	41.9	43.6	45.3	46.2
0.0	12.5°	23.9	26.5	29.1	30.8	33.3	35.9	37.6	39.3	41.0	42.8
0.0	15°	18.8	21.4	23.9	25.7	28.2	30.8	33.3	35.1	36.8	38.5
0.0	17.5°	13.7	16.2	18.8	20.5	23.1	25.7	27.4	29.9	31.6	33.3
0.0	20°	6.8	9.4	12.0	14.5	17.1	19.7	21.4	23.9	25.7	27.4
0.0	22.5°	0.9	3.4	6.0	7.7	10.3	12.8	14.5	17.1	18.8	20.5
0.0	25°	0.0	0.9	2.6	3.4	4.3	6.0	7.7	9.4	11.1	12.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.9	1.7	3.4	5.1	6.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
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	0.9
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	1.7
	85°	0.0	0.0	0.0	0.0	0.0	1.7	2.6	4.3	5.1	6.0
	87.5°	0.0	0.9	1.7	2.6	3.4	5.1	6.8	8.6	9.4	10.3
	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: P1049399

CATALOG NUMBER: GALN-SA3C-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
49.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.9											
3.4											
7.7											
11.1											
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REPORT NUMBER: P1049399

CATALOG NUMBER: GALN-SA3C-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
0.0	2.5°	60.7	60.7	60.7	60.7	59.9	59.9	59.9	59.0	59.0	58.1
0.0	5°	55.6	56.4	56.4	56.4	56.4	56.4	56.4	56.4	55.6	55.6
0.0	7.5°	51.3	52.2	53.0	53.0	53.9	53.9	53.9	53.0	53.0	52.2
0.0	10°	48.7	49.6	49.6	50.4	50.4	50.4	50.4	50.4	50.4	50.4
0.0	12.5°	45.3	46.2	47.0	47.0	47.9	47.9	47.9	47.9	47.0	47.0
0.0	15°	41.0	42.8	43.6	44.5	44.5	45.3	45.3	45.3	45.3	45.3
0.0	17.5°	37.6	39.3	40.2	41.0	41.0	41.9	41.9	42.8	42.8	42.8
0.0	20°	30.8	32.5	33.3	35.1	35.9	36.8	37.6	38.5	38.5	39.3
0.0	22.5°	23.9	25.7	26.5	28.2	29.1	29.9	30.8	31.6	32.5	33.3
0.0	25°	17.1	18.8	19.7	21.4	22.2	23.1	23.9	24.8	24.8	25.7
0.0	27.5°	9.4	11.1	12.8	13.7	15.4	16.2	17.1	18.0	18.8	19.7
0.0	30°	4.3	5.1	6.0	7.7	8.6	9.4	10.3	12.0	12.8	13.7
0.0	32.5°	0.0	0.0	0.9	2.6	3.4	4.3	5.1	6.0	6.0	6.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.7	2.6	3.4
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°	1.7	1.7	1.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	82.5°	4.3	5.1	6.0	6.0	6.8	6.8	6.8	6.8	6.0	6.0
	85°	8.6	9.4	10.3	10.3	11.1	11.1	11.1	11.1	11.1	11.1
	87.5°	12.0	12.8	13.7	13.7	14.5	14.5	14.5	14.5	14.5	14.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049399

CATALOG NUMBER: GALN-SA3C-940-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
49.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
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2.6											
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REPORT NUMBER: P1049399

CATALOG NUMBER: GALN-SA3C-940-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°	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
0.0	2.5°	57.3	57.3	56.4	56.4	56.4	56.4	56.4	57.3	58.1	58.1
0.0	5°	54.7	54.7	53.9	53.9	53.9	54.7	54.7	55.6	56.4	57.3
0.0	7.5°	52.2	51.3	51.3	52.2	52.2	53.0	53.0	53.9	54.7	55.6
0.0	10°	50.4	49.6	49.6	49.6	50.4	50.4	51.3	52.2	53.0	53.9
0.0	12.5°	47.0	47.0	47.0	47.0	47.9	47.9	48.7	49.6	51.3	52.2
0.0	15°	45.3	44.5	44.5	44.5	44.5	45.3	45.3	47.0	48.7	49.6
0.0	17.5°	41.9	41.9	41.0	41.0	41.9	41.9	42.8	44.5	46.2	47.0
0.0	20°	38.5	37.6	36.8	36.8	37.6	37.6	38.5	40.2	41.9	42.8
0.0	22.5°	33.3	32.5	32.5	32.5	32.5	33.3	33.3	35.1	37.6	39.3
0.0	25°	26.5	27.4	27.4	28.2	28.2	29.1	29.9	31.6	34.2	35.9
0.0	27.5°	20.5	21.4	21.4	23.1	23.9	24.8	25.7	28.2	30.8	32.5
0.0	30°	15.4	16.2	17.1	18.0	19.7	21.4	23.1	25.7	28.2	29.9
0.0	32.5°	9.4	11.1	12.0	13.7	15.4	17.1	18.8	21.4	24.8	27.4
0.0	35°	6.8	7.7	9.4	10.3	12.0	13.7	15.4	18.8	21.4	24.8
0.0	37.5°	3.4	5.1	6.8	8.6	10.3	12.0	13.7	17.1	20.5	23.1
0.0	40°	2.6	4.3	5.1	6.8	9.4	11.1	12.8	16.2	19.7	23.1
0.0	42.5°	1.7	2.6	3.4	6.0	7.7	10.3	12.8	16.2	19.7	23.1
0.0	45°	1.7	1.7	2.6	5.1	7.7	11.1	13.7	17.1	19.7	23.1
0.0	47.5°	1.7	2.6	3.4	6.8	8.6	11.1	13.7	16.2	19.7	22.2
0.0	50°	2.6	3.4	4.3	7.7	9.4	12.0	13.7	17.1	19.7	23.1
0.0	52.5°	1.7	2.6	3.4	6.8	9.4	12.8	15.4	18.8	22.2	24.8
0.0	55°	0.9	0.9	0.9	5.1	10.3	14.5	19.7	22.2	25.7	28.2
0.0	57.5°	0.0	0.0	0.0	3.4	10.3	16.2	22.2	25.7	29.1	31.6
0.0	60°	0.0	0.0	0.0	3.4	10.3	16.2	22.2	26.5	30.8	35.1
0.0	62.5°	0.0	0.0	0.0	3.4	8.6	13.7	18.8	25.7	33.3	40.2
0.0	65°	0.0	0.0	0.0	2.6	6.8	11.1	15.4	25.7	35.9	45.3
0.0	67.5°	0.0	0.0	0.0	2.6	6.8	10.3	14.5	25.7	35.9	47.0
	70°	0.0	0.0	0.0	2.6	6.8	11.1	15.4	25.7	35.9	46.2
	72.5°	0.0	0.0	0.0	2.6	7.7	12.0	17.1	25.7	34.2	42.8
	75°	0.0	0.0	0.0	3.4	7.7	12.8	18.0	25.7	33.3	40.2
	77.5°	0.0	0.0	0.0	2.6	7.7	12.0	17.1	24.8	32.5	39.3
	80°	2.6	1.7	1.7	4.3	7.7	11.1	14.5	22.2	30.8	38.5
	82.5°	5.1	5.1	4.3	6.0	7.7	10.3	12.8	19.7	27.4	34.2
	85°	10.3	10.3	9.4	10.3	10.3	11.1	12.0	15.4	18.8	22.2
	87.5°	13.7	13.7	12.8	12.8	12.8	12.0	12.0	12.0	12.0	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: P1049399

CATALOG NUMBER: GALN-SA3C-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
49.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.4											
51.3											
47.9											
47.0											
46.2											
41.0											
25.7											
11.1											
0.0											
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REPORT NUMBER: P1049399

CATALOG NUMBER: GALN-SA3C-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
0.0	2.5°	59.9	60.7	60.7	61.6	62.4	63.3	63.3	64.1	64.1	64.1
0.0	5°	59.0	60.7	61.6	62.4	63.3	64.1	65.0	65.8	66.7	66.7
0.0	7.5°	58.1	59.0	60.7	61.6	63.3	64.1	65.8	66.7	67.6	68.4
0.0	10°	56.4	58.1	59.9	61.6	63.3	65.0	66.7	68.4	70.1	71.0
0.0	12.5°	54.7	57.3	59.0	60.7	63.3	65.8	67.6	70.1	71.8	73.5
0.0	15°	53.9	55.6	58.1	59.9	63.3	66.7	69.3	72.7	76.1	78.7
0.0	17.5°	51.3	54.7	57.3	59.9	63.3	67.6	71.0	74.4	79.5	84.7
0.0	20°	47.9	50.4	53.9	56.4	61.6	65.8	71.0	75.2	82.9	90.6
0.0	22.5°	44.5	47.9	50.4	53.9	59.9	65.0	71.0	76.1	88.9	100.9
0.0	25°	41.0	45.3	48.7	52.2	59.0	65.8	72.7	79.5	100.9	122.3
0.0	27.5°	39.3	42.8	47.0	50.4	59.0	68.4	77.0	85.5	119.7	153.1
0.0	30°	36.8	41.0	44.5	48.7	59.9	71.0	82.1	93.2	145.4	197.5
0.0	32.5°	34.2	38.5	42.8	47.0	61.6	76.1	89.8	104.3	172.7	240.3
0.0	35°	31.6	36.8	41.0	45.3	64.1	83.8	102.6	121.4	197.5	272.8
0.0	37.5°	30.8	35.9	40.2	44.5	65.0	84.7	105.2	124.8	200.1	275.3
0.0	40°	31.6	35.9	41.0	45.3	62.4	79.5	95.8	112.9	191.5	269.4
0.0	42.5°	31.6	36.8	41.9	47.0	60.7	74.4	88.1	101.8	189.0	276.2
0.0	45°	30.8	35.9	41.0	46.2	59.0	71.0	83.8	95.8	204.4	312.1
0.0	47.5°	29.9	35.1	40.2	45.3	58.1	71.0	83.8	96.6	264.2	431.0
0.0	50°	29.9	35.1	39.3	43.6	59.0	75.2	90.6	106.0	384.8	662.7
0.0	52.5°	31.6	35.9	39.3	42.8	60.7	79.5	97.5	115.4	489.1	861.9
0.0	55°	34.2	36.8	40.2	42.8	65.0	86.4	108.6	130.0	520.7	911.5
0.0	57.5°	37.6	40.2	42.8	45.3	72.7	100.0	126.6	153.9	523.3	891.8
0.0	60°	41.9	45.3	47.9	50.4	79.5	109.5	138.5	167.6	473.7	779.0
0.0	62.5°	51.3	55.6	59.0	63.3	91.5	118.9	147.1	174.4	393.3	612.2
0.0	65°	59.0	62.4	65.8	69.3	96.6	124.8	152.2	179.6	333.5	487.4
0.0	67.5°	60.7	64.1	66.7	70.1	98.3	126.6	153.9	182.1	285.6	388.2
	70°	61.6	65.8	71.0	75.2	104.3	133.4	161.6	190.7	253.1	315.5
	72.5°	59.0	67.6	75.2	82.9	110.3	136.8	164.2	190.7	235.1	279.6
	75°	59.0	71.0	82.1	93.2	113.7	133.4	153.9	173.6	207.8	242.0
	77.5°	62.4	77.8	93.2	108.6	120.6	131.7	143.7	154.8	177.0	199.2
	80°	62.4	78.7	94.1	110.3	115.4	121.4	126.6	131.7	134.2	136.8
	82.5°	53.9	66.7	79.5	92.3	86.4	80.4	74.4	68.4	64.1	59.0
	85°	27.4	29.9	31.6	33.3	30.8	28.2	25.7	23.1	21.4	18.8
	87.5°	11.1	11.1	10.3	10.3	10.3	10.3	9.4	9.4	9.4	9.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049399

CATALOG NUMBER: GALN-SA3C-940-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
49.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.7	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
72.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
253.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
342.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
428.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
486.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
530.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
573.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
659.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
830.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1265.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1938.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2440.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2496.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2252.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1504.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1137.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
839.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
594.3											
442.1											
321.5											
242.0											
136.0											
61.6											
18.0											
8.6											
0.0											
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REPORT NUMBER: P1049399

CATALOG NUMBER: GALN-SA3C-940-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°	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
0.0	2.5°	64.1	63.3	63.3	62.4	61.6	60.7	59.9	59.0	58.1	57.3
0.0	5°	66.7	66.7	66.7	65.8	65.8	65.0	65.0	64.1	63.3	62.4
0.0	7.5°	69.3	70.1	70.1	71.0	71.0	71.0	71.0	70.1	70.1	70.1
0.0	10°	73.5	74.4	75.2	76.1	77.0	77.8	77.8	78.7	78.7	78.7
0.0	12.5°	78.7	81.2	82.9	85.5	87.2	89.8	91.5	94.1	95.8	97.5
0.0	15°	86.4	90.6	95.8	100.0	104.3	110.3	117.1	123.1	129.1	138.5
0.0	17.5°	97.5	111.2	124.8	137.7	151.3	181.3	211.2	240.3	270.2	313.8
0.0	20°	118.9	159.9	200.1	241.1	281.3	386.5	490.8	596.0	700.3	812.3
0.0	22.5°	166.7	267.6	368.5	469.4	570.3	790.1	1009.0	1228.8	1447.7	1705.0
0.0	25°	242.0	427.5	613.1	797.8	983.3	1327.1	1671.7	2015.4	2359.2	2693.5
0.0	27.5°	352.3	636.2	920.1	1203.1	1487.0	1953.0	2419.9	2885.9	3351.9	3729.9
0.0	30°	488.3	873.0	1257.8	1642.6	2027.4	2557.5	3087.7	3617.0	4147.1	4560.1
0.0	32.5°	616.5	1087.7	1558.8	2029.1	2500.3	3103.9	3708.5	4312.2	4915.9	5367.3
0.0	35°	700.3	1269.8	1840.1	2409.6	2979.1	3632.4	4285.7	4938.1	5591.4	6107.0
0.0	37.5°	784.1	1441.7	2098.4	2755.9	3412.6	4130.0	4847.5	5564.9	6282.3	6919.3
0.0	40°	878.2	1649.5	2419.9	3191.2	3961.6	4811.5	5660.6	6510.6	7359.7	8258.4
0.0	42.5°	1041.5	1994.0	2947.5	3900.0	4852.6	5977.0	7101.4	8225.0	9349.5	10632.1
0.0	45°	1348.5	2690.9	4034.3	5376.7	6719.2	8208.8	9699.2	11188.7	12678.3	14385.0
0.0	47.5°	2100.1	3947.1	5793.2	7640.1	9486.3	11094.7	12702.2	14310.6	15918.2	17618.1
0.0	50°	3213.4	5363.1	7512.7	9661.6	11811.2	13266.6	14721.1	16176.4	17630.9	19247.9
0.0	52.5°	4018.9	6258.3	8498.6	10738.1	12977.6	14291.0	15605.2	16918.6	18232.0	19743.0
0.0	55°	4079.6	6306.2	8533.7	10760.3	12987.0	14306.4	15625.7	16945.1	18264.5	19866.1
0.0	57.5°	3611.9	5820.5	8028.4	10237.0	12444.8	13947.2	15448.7	16951.1	18452.6	20184.2
0.0	60°	3072.3	5281.8	7490.5	9700.0	11908.7	13639.4	15370.9	17101.6	18832.3	20454.4
0.0	62.5°	2396.8	4669.6	6943.3	9216.1	11488.9	13246.1	15003.2	16759.6	18516.8	19733.5
0.0	65°	1786.3	3993.2	6200.2	8406.3	10613.3	12020.7	13428.2	14834.8	16242.3	16995.6
0.0	67.5°	1291.2	3194.6	5097.1	7000.5	8903.1	9910.4	10917.7	11924.1	12931.4	13507.7
	70°	873.0	2191.6	3509.3	4827.8	6145.5	6973.2	7801.8	8629.5	9457.2	10235.3
	72.5°	604.5	1345.0	2086.4	2826.9	3567.4	4400.2	5232.2	6065.1	6897.1	7720.5
	75°	401.0	737.9	1075.7	1412.6	1749.5	2366.0	2983.4	3599.9	4216.4	4707.2
	77.5°	284.7	385.6	487.4	588.3	689.2	804.6	920.9	1036.4	1151.8	1327.1
	80°	135.1	147.9	160.8	172.7	185.6	227.5	269.4	311.2	353.1	397.6
	82.5°	64.1	69.3	74.4	78.7	83.8	88.1	92.3	96.6	100.9	96.6
	85°	17.1	17.1	18.0	18.0	18.0	18.0	18.0	18.0	18.0	17.1
	87.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	6.8	6.8	6.0
	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):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
49.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.6	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
79.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
356.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
925.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3027.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4107.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4974.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5819.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6622.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7557.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9157.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11914.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16091.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19318.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20864.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21253.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21468.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21915.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22075.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20951.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17749.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14084.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11012.6											
8544.0											
5198.0											
1502.4											
442.1											
91.5											
16.2											
6.0											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA3C-940-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
0.0	2.5°	55.6	54.7	53.9	53.0	52.2	50.4	50.4	49.6	49.6
0.0	5°	60.7	59.9	59.0	58.1	58.1	57.3	56.4	56.4	55.6
0.0	7.5°	69.3	68.4	67.6	66.7	66.7	65.8	65.8	65.0	65.0
0.0	10°	79.5	79.5	79.5	79.5	79.5	78.7	78.7	78.7	77.8
0.0	12.5°	100.0	100.9	102.6	104.3	106.9	106.9	106.9	106.0	106.0
0.0	15°	158.2	167.6	174.4	181.3	187.3	200.9	199.2	196.7	195.0
0.0	17.5°	400.2	442.9	466.0	488.3	511.3	574.6	564.4	554.1	544.7
0.0	20°	1037.2	1149.2	1223.6	1298.0	1373.3	1492.1	1463.0	1434.0	1404.9
0.0	22.5°	2218.9	2476.3	2588.3	2700.3	2811.5	2955.2	2862.0	2768.8	2676.4
0.0	25°	3361.3	3695.7	3884.6	4073.6	4261.7	4343.8	4222.4	4100.1	3978.7
0.0	27.5°	4485.8	4863.7	5030.4	5196.3	5363.1	5534.9	5384.4	5233.1	5082.6
0.0	30°	5387.0	5800.0	5980.4	6160.0	6340.4	6460.1	6304.5	6148.0	5992.4
0.0	32.5°	6271.2	6722.6	6920.2	7117.7	7314.4	7486.2	7294.7	7102.3	6910.8
0.0	35°	7137.4	7653.0	7924.9	8196.8	8468.7	8628.6	8401.2	8172.9	7945.4
0.0	37.5°	8194.2	8831.3	9135.7	9440.1	9744.5	10036.1	9785.5	9534.1	9283.6
0.0	40°	10055.7	10954.4	11421.3	11889.0	12355.9	12732.1	12415.8	12099.4	11783.0
0.0	42.5°	13197.3	14479.9	15151.2	15821.6	16492.8	17080.2	16747.6	16415.0	16082.4
0.0	45°	17798.5	19505.2	20323.6	21141.0	21959.3	22388.6	21909.7	21430.0	20951.2
0.0	47.5°	21017.0	22716.9	23445.5	24174.0	24902.5	25392.5	24806.7	24221.0	23636.1
0.0	50°	22480.9	24097.9	24829.0	25559.2	26290.3	26679.4	26003.0	25325.8	24649.4
0.0	52.5°	22764.0	24274.9	25147.1	26020.1	26892.3	27412.2	26613.5	25814.0	25015.4
0.0	55°	23070.1	24671.6	25683.2	26695.6	27707.2	28427.2	27524.2	26620.4	25717.4
0.0	57.5°	23646.4	25377.9	26386.9	27395.1	28404.1	29015.4	28109.9	27203.5	26298.0
0.0	60°	23697.7	25318.9	26186.0	27053.9	27920.9	28305.7	27439.5	26572.5	25706.3
0.0	62.5°	22168.0	23384.7	23986.7	24588.7	25190.7	25608.8	24705.0	23800.3	22896.5
0.0	65°	18503.1	19256.4	19736.1	20215.8	20695.5	21194.0	20366.3	19538.6	18710.9
0.0	67.5°	14661.2	15237.5	15869.4	16501.3	17133.2	17666.0	17003.3	16339.7	15677.0
	70°	11790.7	12568.0	13278.5	13989.1	14699.7	15135.8	14470.5	13804.4	13139.2
	72.5°	9367.4	10190.8	10784.3	11376.8	11970.3	12077.2	11588.1	11098.9	10610.7
	75°	5688.0	6178.8	6190.8	6201.9	6213.9	6315.6	5910.3	5505.0	5100.6
	77.5°	1677.7	1853.0	1997.5	2141.1	2285.6	2460.1	2311.3	2161.6	2012.9
	80°	485.7	530.1	567.8	604.5	642.2	619.9	584.9	549.8	514.8
	82.5°	87.2	82.1	81.2	80.4	80.4	76.1	69.3	62.4	55.6
	85°	15.4	14.5	13.7	12.8	12.0	11.1	9.4	8.6	6.8
	87.5°	5.1	4.3	3.4	2.6	2.6	0.9	0.9	0.9	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA3C-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049399

CATALOG NUMBER: GALN-SA3C-940-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°	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
0.0	0.0	2.5°	48.7	47.9	47.9	47.9	47.9	47.0	47.0	47.0	47.0
0.0	0.0	5°	53.9	53.9	53.0	53.0	52.2	52.2	51.3	51.3	50.4
0.0	0.0	7.5°	63.3	62.4	61.6	60.7	59.9	58.1	57.3	56.4	56.4
0.0	0.0	10°	76.1	74.4	73.5	71.8	71.0	69.3	67.6	65.8	64.1
0.0	0.0	12.5°	100.0	96.6	94.1	90.6	87.2	84.7	81.2	78.7	75.2
0.0	0.0	15°	173.6	165.0	155.6	144.5	132.5	121.4	109.5	102.6	94.9
0.0	0.0	17.5°	443.8	399.3	354.0	317.2	280.5	244.6	207.8	181.3	154.8
0.0	0.0	20°	1129.6	1006.4	883.3	761.9	639.6	518.2	395.9	334.3	272.8
0.0	0.0	22.5°	2125.7	1897.4	1668.3	1446.8	1224.5	1003.0	781.5	642.2	503.6
0.0	0.0	25°	3280.9	2993.6	2706.3	2342.1	1976.9	1612.7	1248.4	1021.8	795.2
0.0	0.0	27.5°	4269.4	3938.5	3607.6	3164.7	2721.7	2278.8	1835.9	1498.1	1161.2
0.0	0.0	30°	5125.4	4769.6	4413.9	3898.3	3382.7	2867.1	2351.5	1929.1	1506.7
0.0	0.0	32.5°	5867.6	5441.7	5015.9	4484.0	3952.2	3420.3	2888.5	2370.3	1852.1
0.0	0.0	35°	6723.5	6226.7	5729.0	5139.0	4548.2	3958.2	3368.2	2783.3	2197.6
0.0	0.0	37.5°	7811.2	7201.5	6591.0	5933.4	5275.8	4619.1	3961.6	3292.9	2624.2
0.0	0.0	40°	9893.3	9106.6	8319.9	7484.5	6648.3	5812.8	4977.4	4156.5	3335.7
0.0	0.0	42.5°	13624.0	12561.1	11498.3	10386.7	9274.2	8162.6	7050.1	5892.4	4733.7
0.0	0.0	45°	17834.4	16515.9	15196.5	13948.9	12700.5	11452.9	10205.4	8616.6	7027.9
0.0	0.0	47.5°	20202.1	18778.4	17354.7	16173.8	14993.0	13812.1	12631.2	10918.5	9205.8
0.0	0.0	50°	21073.5	19624.1	18174.7	17087.9	16000.3	14913.5	13825.8	12110.5	10394.4
0.0	0.0	52.5°	21259.0	19780.6	18302.1	17208.5	16114.8	15022.1	13928.4	12224.2	10520.1
0.0	0.0	55°	21640.4	20054.2	18467.2	17220.5	15973.8	14727.1	13480.3	11748.8	10017.3
0.0	0.0	57.5°	22138.9	20512.5	18886.2	17465.9	16045.6	14626.2	13205.9	11312.7	9419.6
0.0	0.0	60°	22008.1	20592.9	19176.9	17655.7	16133.7	14612.5	13090.4	11008.3	8925.3
0.0	0.0	62.5°	19737.0	18610.0	17482.1	16231.1	14979.3	13728.3	12477.3	10333.6	8190.0
0.0	0.0	65°	16237.1	15414.5	14591.9	13585.5	12578.2	11571.8	10565.4	8643.2	6721.8
0.0	0.0	67.5°	13159.7	12232.8	11305.0	10503.0	9700.0	8898.0	8095.0	6582.4	5069.8
		70°	10455.1	9446.9	8437.9	7654.7	6870.6	6087.3	5304.1	4298.5	3293.8
		72.5°	8302.8	7393.9	6484.9	5649.5	4813.2	3977.8	3141.6	2547.3	1953.0
		75°	3968.4	3605.0	3241.6	2804.7	2367.7	1930.8	1493.8	1234.7	976.5
		77.5°	1470.7	1274.9	1078.3	900.4	722.5	545.5	367.7	336.9	306.1
		80°	380.5	331.8	282.2	247.1	211.2	176.1	141.1	127.4	114.6
		82.5°	43.6	40.2	37.6	35.9	33.3	31.6	29.1	26.5	23.9
		85°	2.6	1.7	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: P1049399

CATALOG NUMBER: GALN-SA3C-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049399

CATALOG NUMBER: GALN-SA3C-940-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	49.6	49.6
0.0	0.0	2.5°	46.2	45.3
0.0	0.0	5°	48.7	47.9
0.0	0.0	7.5°	53.9	52.2
0.0	0.0	10°	59.0	57.3
0.0	0.0	12.5°	66.7	64.1
0.0	0.0	15°	75.2	70.1
0.0	0.0	17.5°	89.8	78.7
0.0	0.0	20°	121.4	93.2
0.0	0.0	22.5°	171.0	116.3
0.0	0.0	25°	251.4	160.8
0.0	0.0	27.5°	349.7	213.8
0.0	0.0	30°	465.2	267.6
0.0	0.0	32.5°	566.9	318.9
0.0	0.0	35°	699.5	371.1
0.0	0.0	37.5°	862.8	437.8
0.0	0.0	40°	1115.9	538.7
0.0	0.0	42.5°	1571.6	725.1
0.0	0.0	45°	2552.4	1253.5
0.0	0.0	47.5°	3927.4	2073.6
0.0	0.0	50°	4804.7	2646.5
0.0	0.0	52.5°	4876.5	2642.2
0.0	0.0	55°	4451.5	2348.9
0.0	0.0	57.5°	3798.3	1963.3
0.0	0.0	60°	3157.0	1552.8
0.0	0.0	62.5°	2487.4	1072.3
0.0	0.0	65°	1817.9	758.5
0.0	0.0	67.5°	1305.7	566.9
		70°	858.5	434.4
		72.5°	559.2	354.0
		75°	376.2	293.3
		77.5°	219.8	195.0
		80°	77.8	68.4
		82.5°	14.5	10.3
		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: P1049399

CATALOG NUMBER: GALN-SA3C-940-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: SP1-2407-184-16

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-940-U-5WQ

Data in this report applies to families of products including GSS-SB1A-940-U-5WQ

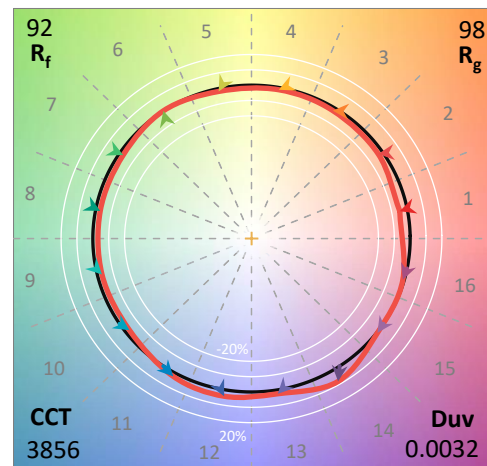
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-16
 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-940-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3856
 CIE u' : 0.2261
 CIE v' : 0.5084
 Duv: 0.0032
 CIE x: 0.3896
 CIE y: 0.3894
 CIE z: 0.2211
 Peak Wavelength (nm): 614
 Dominant Wavelength (nm): 578
 Purity: 33.77304
 R_f: 91.8
 R_g: 98.4

CRI (Ra): 92.1
 R1: 91.8
 R2: 94.1
 R3: 95.3
 R4: 92.8
 R5: 91.0
 R6: 91.6
 R7: 95.0
 R8: 85.2
 R9: 60.7
 R10: 85.2
 R11: 92.4
 R12: 74.5
 R13: 92.3
 R14: 97.0
 R15: 88.5



Test Conditions

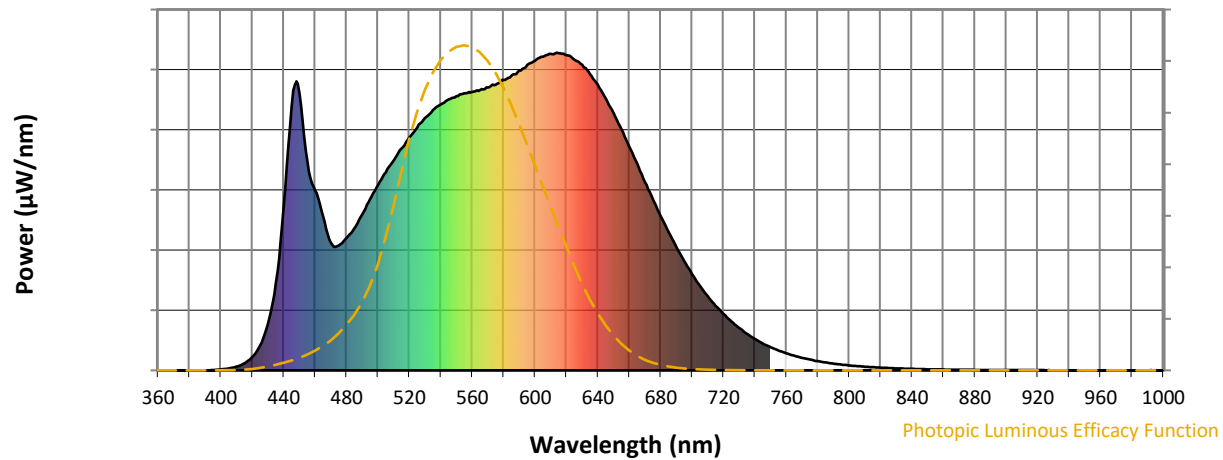
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

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: SP1-2407-184-16

Photopic Flux vs. Wavelength

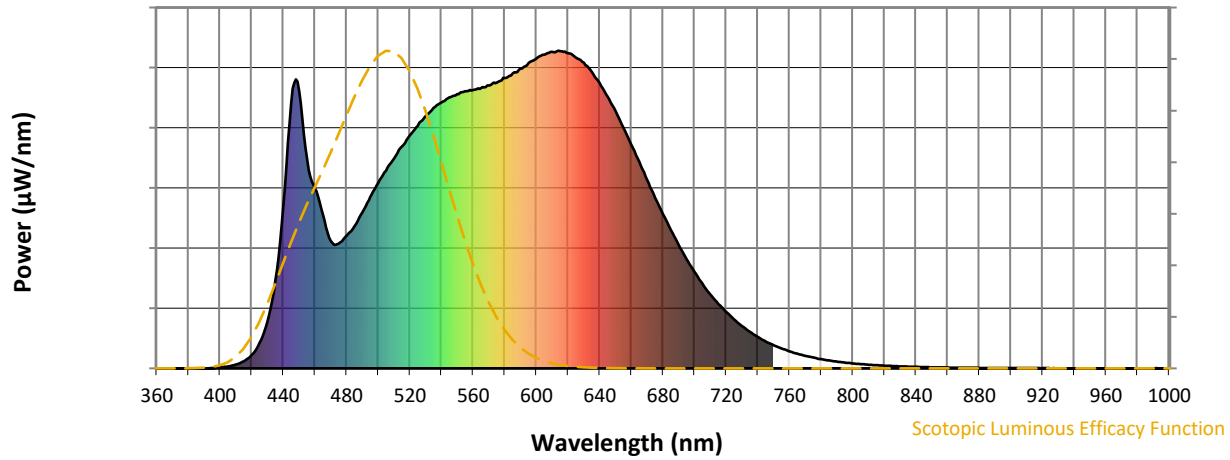


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

Scotopic Flux vs. Wavelength



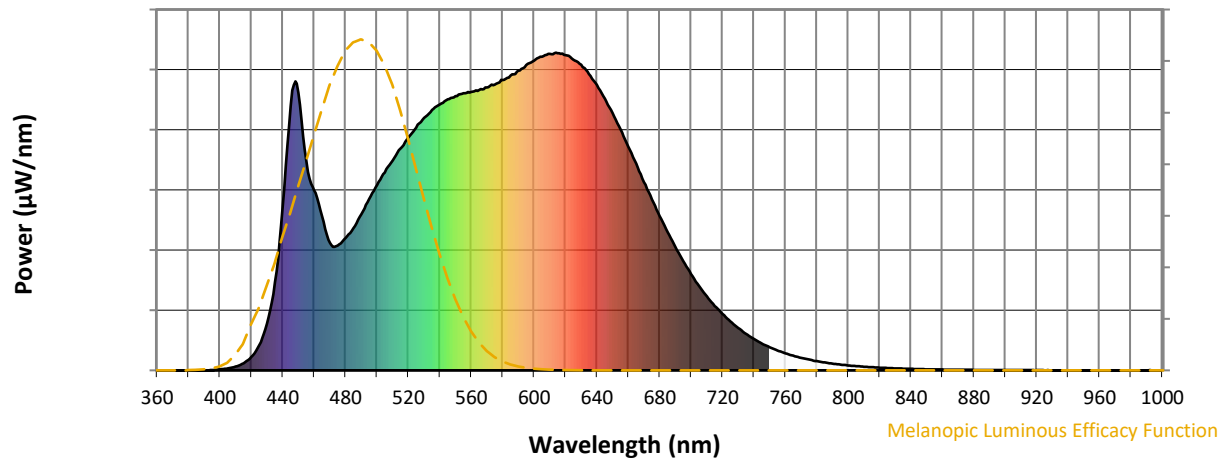
Scotopic Lumens: NR

S/P: 1.72

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

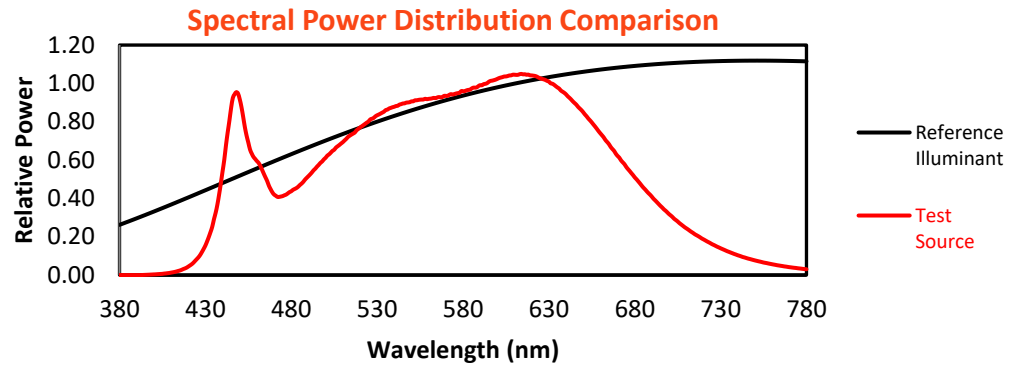
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

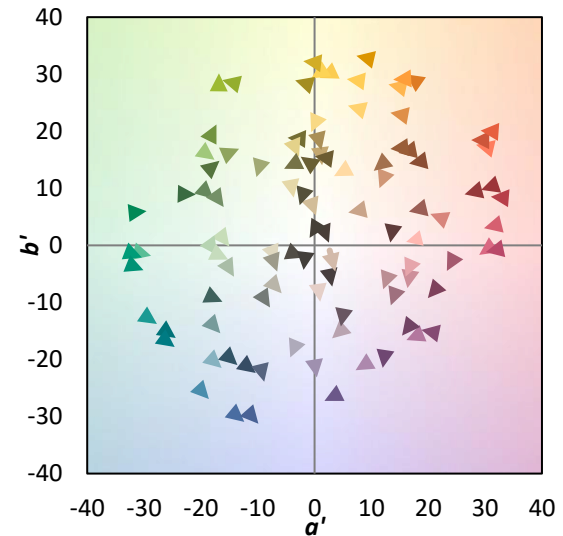
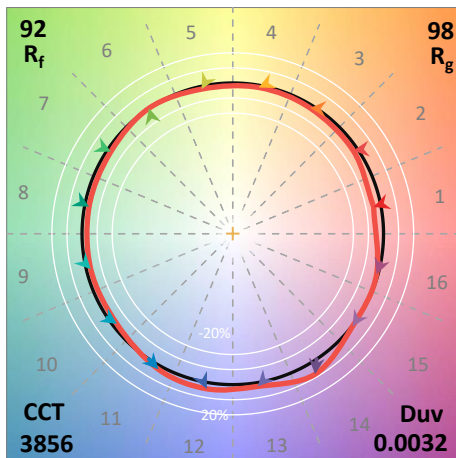
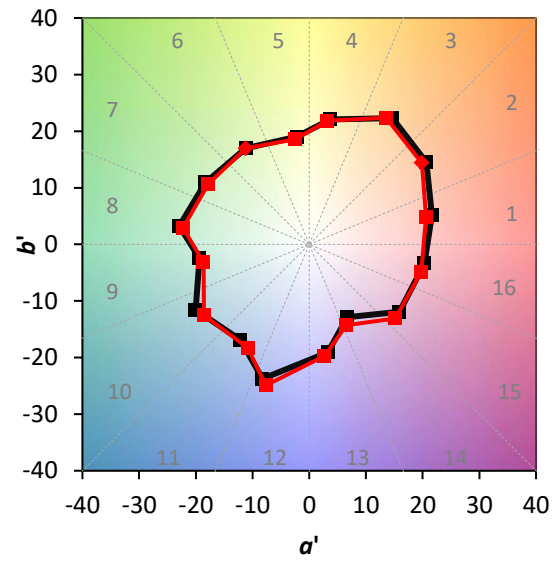
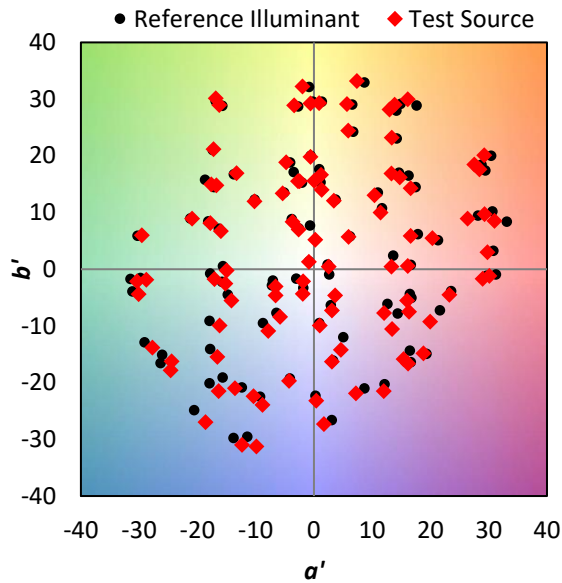
TM-30-18

Summary

$R_f = 91.8$
 $R_g = 98.4$
 $CIE\ R_a = 92.1$
 $R_9 = 60.7$

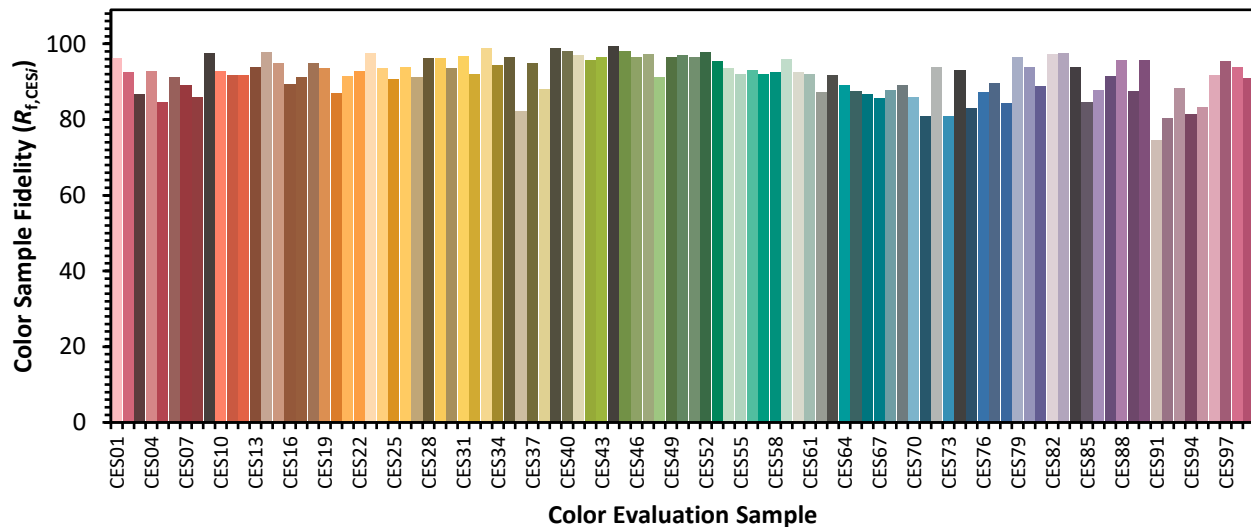


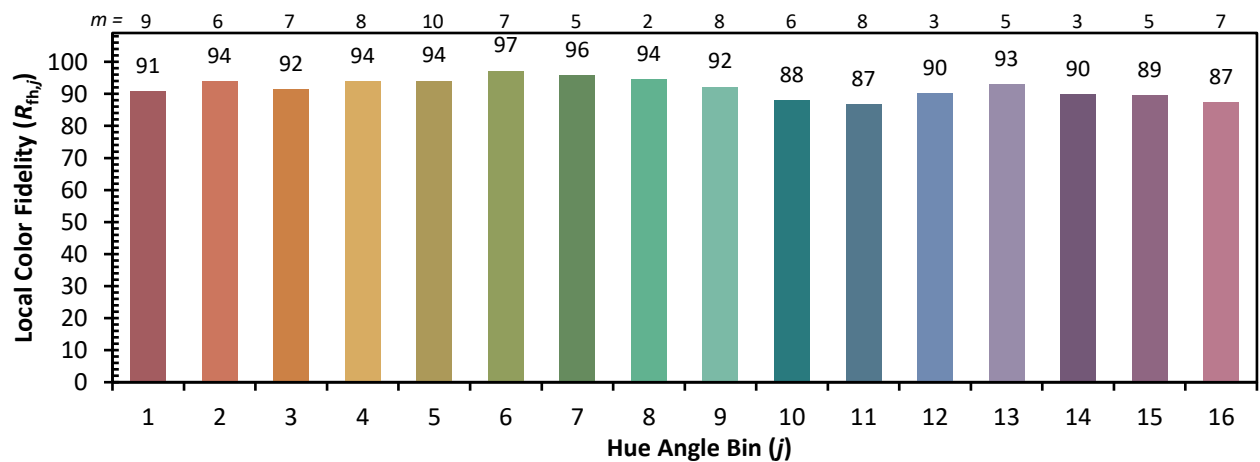
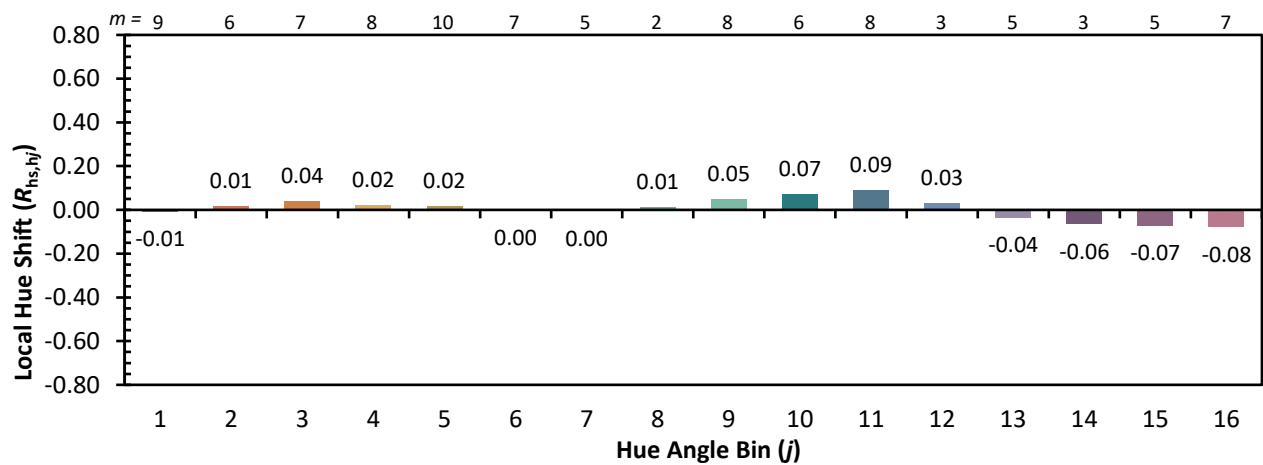
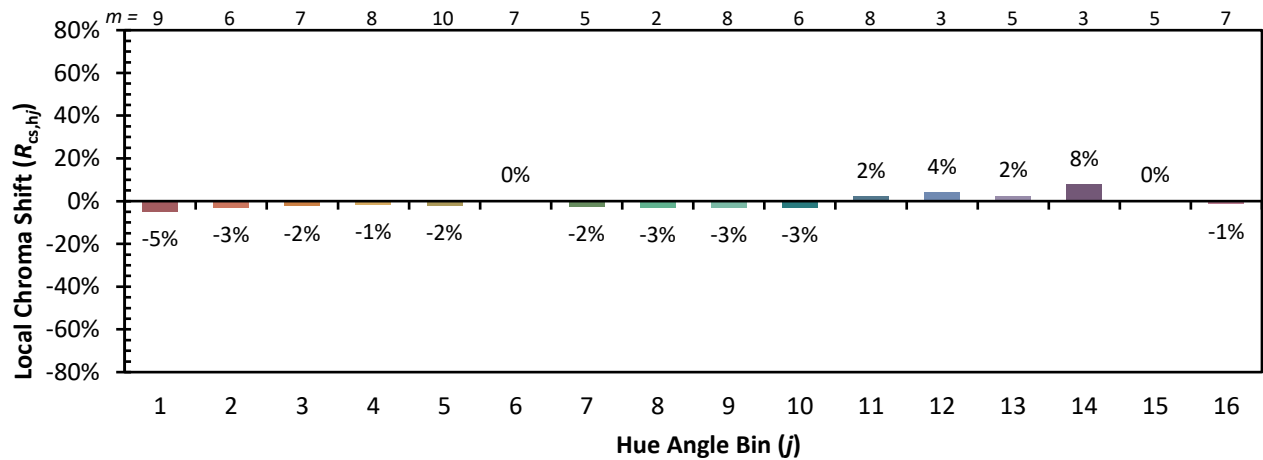
Color Vector Graphics



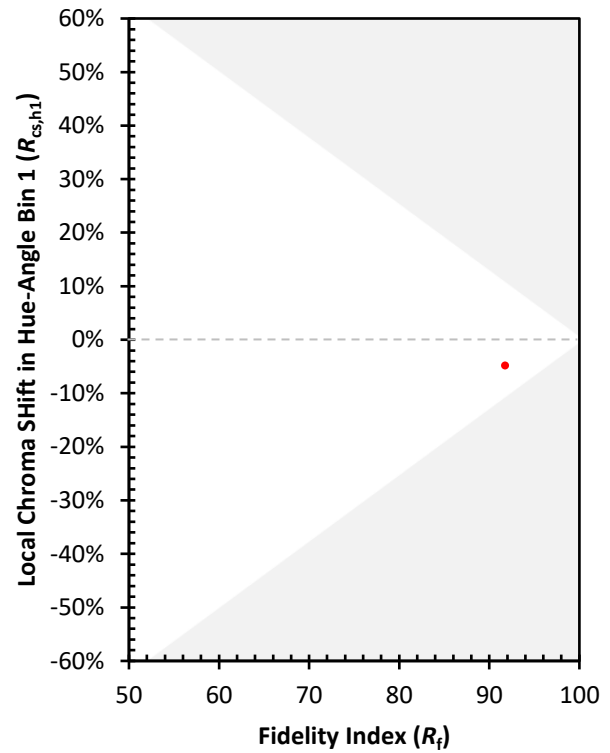
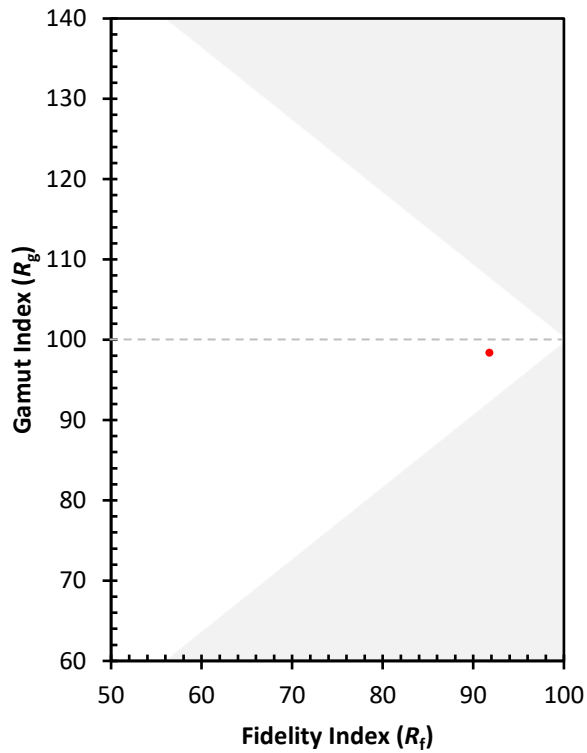
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 85
CES11 = 57	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 87	CES91 = 74
CES17 = 49	CES42 = 96	CES67 = 86	CES92 = 80
CES18 = 56	CES43 = 96	CES68 = 88	CES93 = 88
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 82
CES20 = 66	CES45 = 98	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 91	CES73 = 81	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 93	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 83	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)