

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: P1048858

Luminaire Tested: **GALN-SA3B-740-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048858
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3B-740-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
70CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12822.9 lumens
Efficiency: N/A
Efficacy: 120.7 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): 106.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

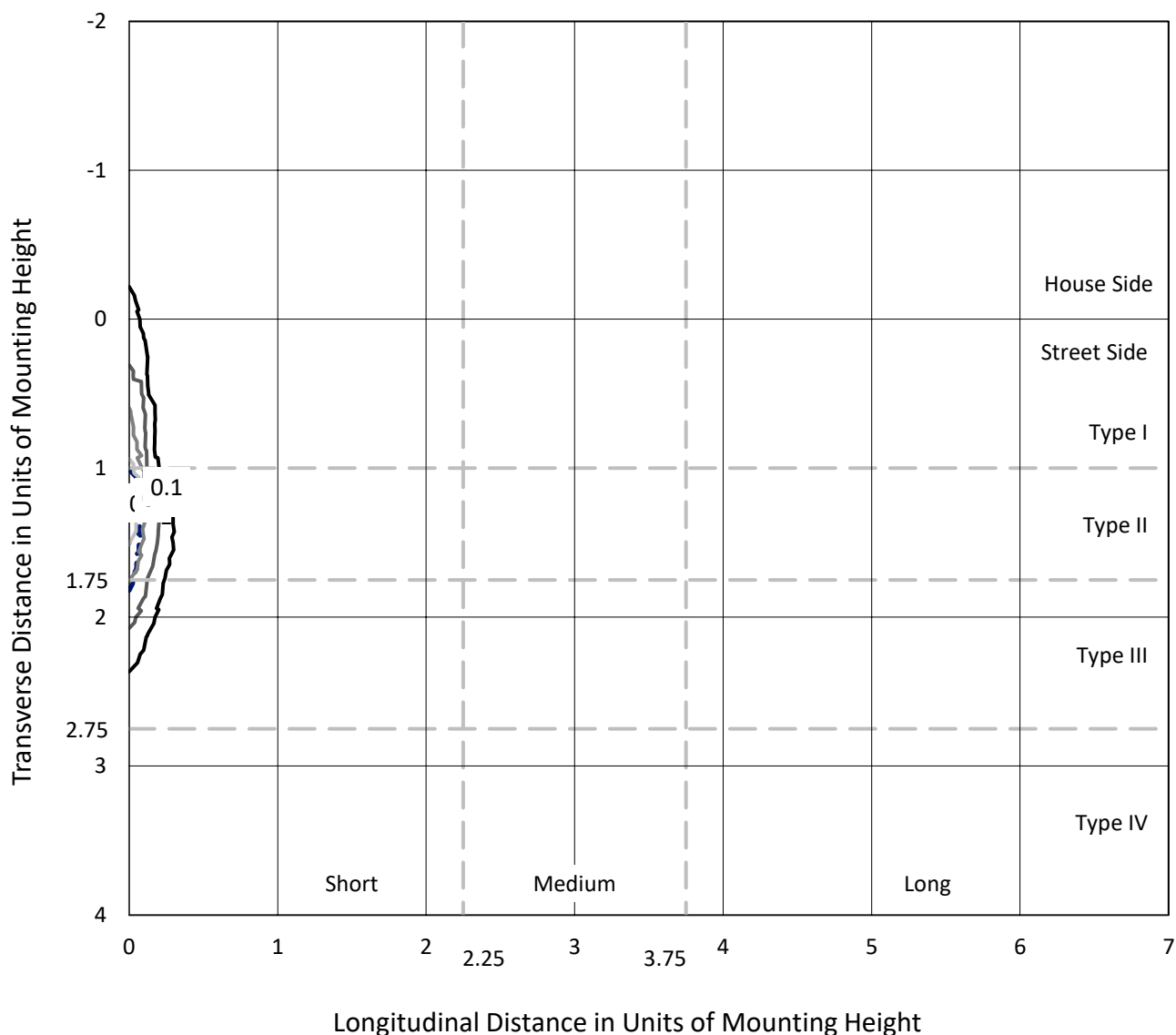
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

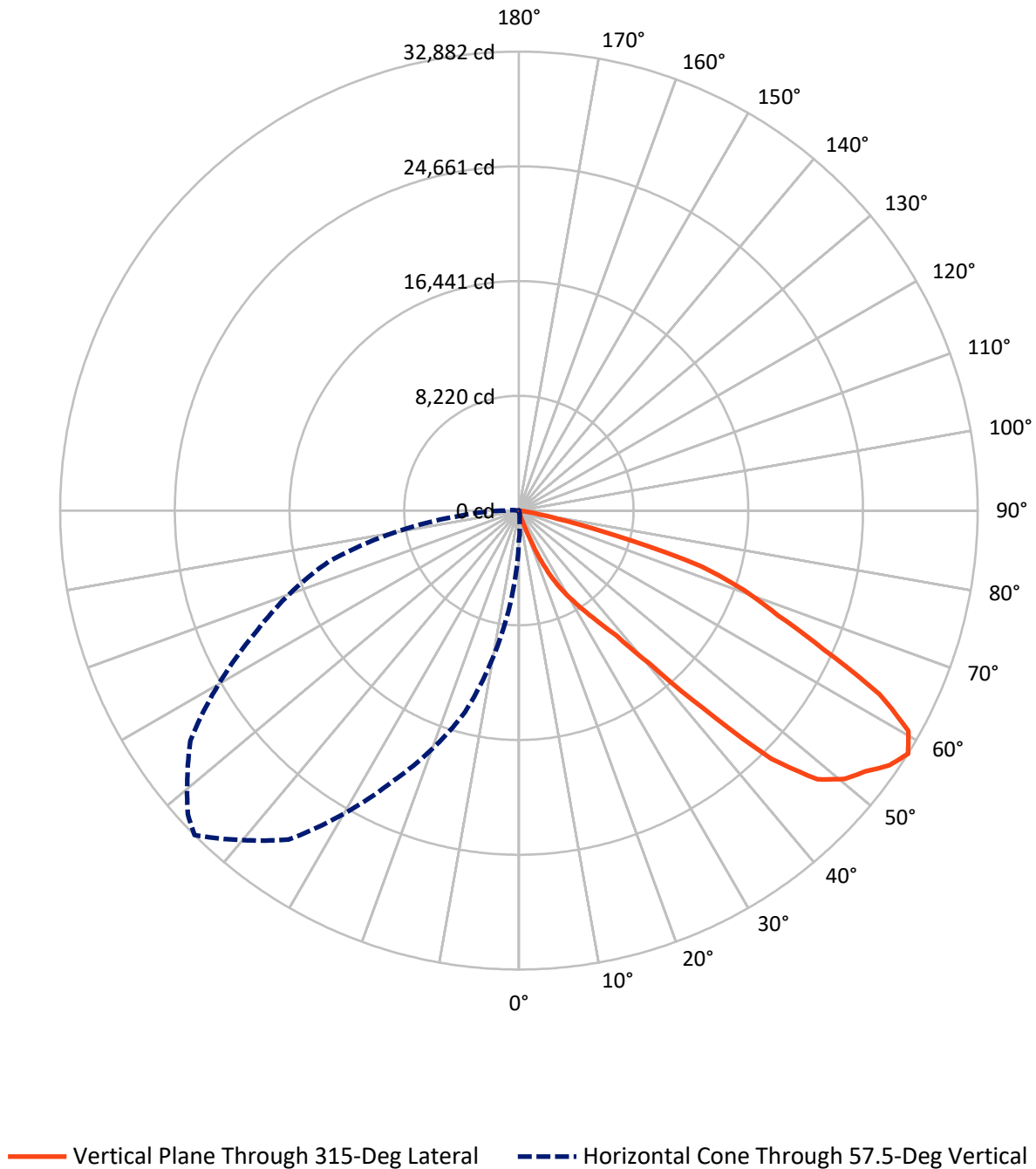


Based on 20 foot mounting height. Maximum calculated value = 1.9 fc

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	64.2	0.0	64.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	12758.6	0.0	12758.6
	% Fixture	99.5	0.0	99.5
Total	Lumens	12822.9	0.0	12822.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.0	0.0
10°-20°	28.2	0.2
20°-30°	303.9	2.4
30°-40°	898.6	7.0
40°-50°	2678.2	20.9
50°-60°	4246.6	33.1
60°-70°	3544.9	27.6
70°-80°	1093.1	8.5
80°-90°	24.3	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	12822.9	100.0
0°-180°	12822.9	100.0



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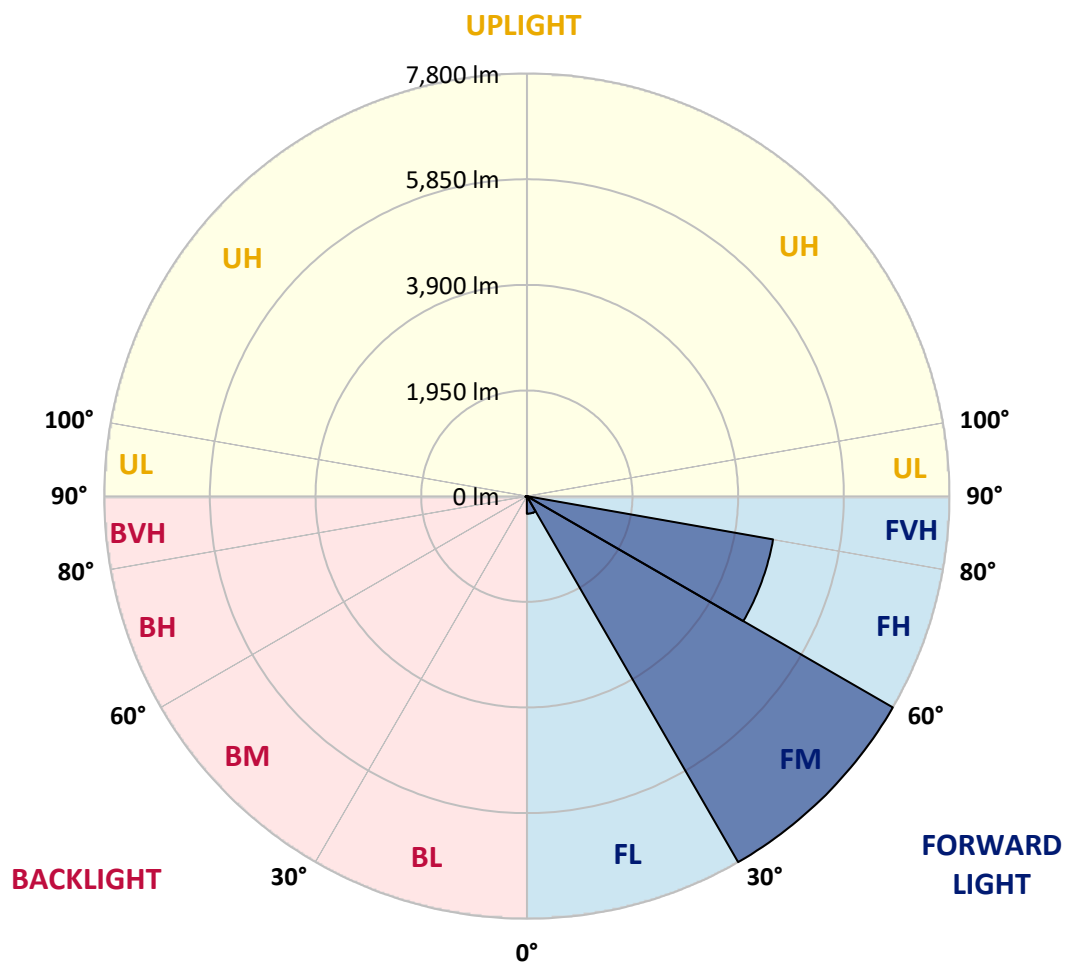
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	325.3	2.5			
FM	(30°-60°)	7800.5	60.8			
FH	(60°-80°)	4614.1	36.0			G2/5000
FVH	(80°-90°)	18.8	0.1			G1/100
BL	(0°-30°)	11.8	0.1	B0/110		
BM	(30°-60°)	23.0	0.2	B0/220		
BH	(60°-80°)	24.0	0.2	B0/110		G0/110
BVH	(80°-90°)	5.5	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°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
2.5°	51.4	51.4	51.4	51.4	50.4	50.4	49.4	49.4	48.5	48.5
5°	54.3	54.3	53.3	52.3	52.3	51.4	50.4	49.4	49.4	48.5
7.5°	59.1	58.1	57.2	56.2	54.3	53.3	51.4	50.4	49.4	47.5
10°	64.9	63.0	61.0	59.1	57.2	55.2	53.3	52.3	50.4	49.4
12.5°	72.7	69.8	65.9	63.0	61.0	58.1	56.2	54.3	51.4	49.4
15°	79.5	75.6	70.7	66.9	64.0	60.1	57.2	54.3	52.3	49.4
17.5°	89.1	82.4	74.6	69.8	65.9	61.0	56.2	53.3	50.4	46.5
20°	105.6	92.1	77.5	71.7	65.9	60.1	54.3	50.4	47.5	43.6
22.5°	131.8	108.5	85.3	76.6	68.8	60.1	52.3	48.5	44.6	40.7
25°	182.2	140.5	98.8	87.2	75.6	64.0	52.3	47.5	43.6	38.8
27.5°	242.3	180.2	117.3	100.8	85.3	68.8	52.3	46.5	41.7	35.9
30°	303.3	220.9	137.6	116.3	95.0	73.6	52.3	45.5	39.7	32.9
32.5°	361.4	258.7	155.0	129.8	104.7	78.5	53.3	45.5	37.8	30.0
35°	420.6	289.7	157.9	131.8	105.6	78.5	52.3	43.6	35.9	27.1
37.5°	496.1	324.6	152.1	126.0	100.8	74.6	49.4	41.7	33.9	25.2
40°	610.5	382.8	155.0	127.9	100.8	73.6	46.5	38.8	32.0	24.2
42.5°	821.7	495.2	167.6	136.6	105.6	73.6	42.6	35.9	30.0	23.3
45°	1420.6	822.7	224.8	178.3	131.8	85.3	38.8	32.9	28.1	22.3
47.5°	2349.9	1377.0	404.1	312.0	220.9	128.9	37.8	32.9	28.1	22.3
50°	2999.1	1753.9	508.7	391.5	274.2	157.0	39.7	33.9	29.1	23.3
52.5°	2994.2	1781.0	566.9	435.1	304.3	172.5	41.7	35.9	31.0	25.2
55°	2661.9	1620.2	577.5	443.8	311.1	177.3	44.6	38.8	32.9	27.1
57.5°	2224.9	1376.0	527.1	408.0	289.7	170.5	51.4	44.6	38.8	32.0
60°	1759.7	1085.3	410.9	324.6	239.3	153.1	67.8	59.1	51.4	42.6
62.5°	1215.1	786.8	358.5	287.8	218.0	147.3	77.5	68.8	61.0	52.3
65°	859.5	592.1	323.6	263.6	204.5	144.4	84.3	74.6	65.9	56.2
67.5°	642.5	470.9	298.5	247.1	195.7	144.4	93.0	81.4	70.7	59.1
70°	492.3	386.6	280.0	238.4	197.7	156.0	114.3	97.9	82.4	65.9
72.5°	401.2	330.4	258.7	228.7	198.6	168.6	138.6	117.3	95.9	73.6
75°	332.4	283.0	233.5	208.3	184.1	158.9	133.7	114.3	95.9	76.6
77.5°	220.9	201.6	181.2	166.7	152.1	136.6	122.1	105.6	90.1	73.6
80°	77.5	74.6	71.7	77.5	83.3	89.1	95.0	83.3	72.7	61.0
82.5°	11.6	10.7	9.7	10.7	11.6	12.6	13.6	14.5	15.5	16.5
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

CATALOG NUMBER: GALN-SA3B-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	47.5	47.5	46.5	46.5	46.5	45.5	45.5	44.6	44.6	44.6
0.0	5°	46.5	46.5	45.5	44.6	43.6	43.6	42.6	41.7	41.7	40.7
0.0	7.5°	45.5	44.6	43.6	42.6	41.7	40.7	39.7	38.8	38.8	37.8
0.0	10°	46.5	44.6	43.6	41.7	40.7	39.7	37.8	36.8	35.9	35.9
0.0	12.5°	44.6	43.6	41.7	39.7	38.8	36.8	35.9	33.9	32.9	32.9
0.0	15°	44.6	42.6	39.7	37.8	35.9	34.9	32.9	31.0	30.0	29.1
0.0	17.5°	41.7	39.7	36.8	34.9	32.9	31.0	29.1	27.1	26.2	25.2
0.0	20°	37.8	35.9	32.9	30.0	28.1	26.2	24.2	22.3	21.3	20.3
0.0	22.5°	33.9	32.0	29.1	26.2	24.2	22.3	19.4	17.4	16.5	14.5
0.0	25°	32.0	29.1	26.2	23.3	20.3	18.4	15.5	12.6	10.7	8.7
0.0	27.5°	27.1	24.2	21.3	18.4	15.5	12.6	9.7	6.8	4.8	3.9
0.0	30°	23.3	20.3	17.4	14.5	10.7	7.8	4.8	1.0	1.0	1.0
0.0	32.5°	19.4	16.5	12.6	9.7	7.8	4.8	2.9	0.0	0.0	0.0
0.0	35°	15.5	12.6	8.7	5.8	4.8	2.9	1.9	0.0	0.0	0.0
0.0	37.5°	13.6	10.7	6.8	2.9	1.9	1.9	1.0	0.0	0.0	0.0
0.0	40°	12.6	8.7	4.8	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.0	42.5°	12.6	8.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	12.6	8.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	12.6	8.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	13.6	9.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	15.5	11.6	7.8	3.9	2.9	1.9	1.0	0.0	0.0	0.0
0.0	55°	19.4	17.4	14.5	12.6	9.7	6.8	2.9	0.0	0.0	0.0
0.0	57.5°	25.2	25.2	24.2	23.3	17.4	11.6	5.8	0.0	0.0	0.0
0.0	60°	33.9	33.9	33.9	33.9	25.2	17.4	8.7	0.0	0.0	0.0
0.0	62.5°	41.7	39.7	36.8	34.9	26.2	17.4	8.7	0.0	0.0	0.0
0.0	65°	41.7	37.8	32.9	28.1	21.3	14.5	6.8	0.0	0.0	0.0
0.0	67.5°	38.8	31.0	22.3	14.5	10.7	7.8	3.9	0.0	0.0	0.0
	70°	38.8	27.1	15.5	3.9	2.9	1.9	1.0	0.0	0.0	0.0
	72.5°	38.8	26.2	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	42.6	29.1	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	42.6	29.1	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	37.8	25.2	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	12.6	8.7	3.9	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°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	43.6	43.6	43.6	42.6	42.6	42.6	42.6	41.7	41.7	41.7
0.0	5°	39.7	39.7	38.8	38.8	37.8	37.8	36.8	36.8	35.9	35.9
0.0	7.5°	36.8	35.9	35.9	34.9	33.9	33.9	32.9	32.9	32.0	31.0
0.0	10°	33.9	32.9	32.9	32.0	31.0	30.0	30.0	29.1	28.1	27.1
0.0	12.5°	31.0	30.0	29.1	28.1	27.1	26.2	26.2	25.2	24.2	23.3
0.0	15°	27.1	26.2	25.2	24.2	23.3	22.3	22.3	21.3	20.3	19.4
0.0	17.5°	23.3	22.3	22.3	21.3	20.3	19.4	18.4	16.5	15.5	14.5
0.0	20°	17.4	16.5	15.5	14.5	13.6	11.6	10.7	8.7	6.8	5.8
0.0	22.5°	11.6	9.7	8.7	6.8	4.8	3.9	2.9	1.0	0.0	0.0
0.0	25°	3.9	2.9	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048858

CATALOG NUMBER: GALN-SA3B-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048858

CATALOG NUMBER: GALN-SA3B-740-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	40.7	40.7	40.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
0.0	5°	34.9	34.9	34.9	33.9	33.9	32.9	32.9	32.9	32.0	32.0
0.0	7.5°	30.0	29.1	29.1	28.1	28.1	27.1	27.1	27.1	26.2	26.2
0.0	10°	25.2	24.2	24.2	23.3	23.3	22.3	22.3	21.3	21.3	20.3
0.0	12.5°	22.3	21.3	20.3	19.4	19.4	18.4	17.4	17.4	16.5	15.5
0.0	15°	17.4	16.5	15.5	14.5	13.6	12.6	11.6	11.6	10.7	9.7
0.0	17.5°	11.6	9.7	8.7	7.8	7.8	6.8	5.8	4.8	3.9	2.9
0.0	20°	2.9	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048858

CATALOG NUMBER: GALN-SA3B-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048858

CATALOG NUMBER: GALN-SA3B-740-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°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	39.7	38.8	38.8	38.8	39.7	39.7	39.7	39.7	39.7	39.7
0.0	5°	32.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
0.0	7.5°	26.2	25.2	25.2	25.2	25.2	24.2	24.2	24.2	24.2	24.2
0.0	10°	20.3	19.4	19.4	19.4	19.4	18.4	18.4	18.4	18.4	18.4
0.0	12.5°	14.5	14.5	13.6	13.6	13.6	12.6	12.6	12.6	12.6	11.6
0.0	15°	8.7	7.8	6.8	6.8	6.8	5.8	5.8	5.8	5.8	4.8
0.0	17.5°	1.9	1.9	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048858

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	40.7	40.7	41.7	41.7	42.6	44.6	45.5	46.5	48.5	50.4
0.0	5°	32.0	32.9	32.9	33.9	34.9	35.9	36.8	37.8	39.7	41.7
0.0	7.5°	25.2	25.2	26.2	26.2	27.1	29.1	30.0	31.0	32.9	35.9
0.0	10°	19.4	19.4	20.3	20.3	21.3	23.3	24.2	25.2	27.1	30.0
0.0	12.5°	12.6	13.6	13.6	14.5	15.5	17.4	18.4	19.4	21.3	23.3
0.0	15°	5.8	6.8	6.8	7.8	8.7	10.7	11.6	12.6	14.5	17.4
0.0	17.5°	1.0	1.0	1.9	1.9	2.9	3.9	4.8	5.8	8.7	10.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.9
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048858

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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	53.3	55.2	57.2	59.1	61.0	63.0	64.0	65.9	66.9	67.8
0.0	5°	45.5	47.5	50.4	52.3	54.3	56.2	58.1	59.1	60.1	61.0
0.0	7.5°	39.7	41.7	44.6	46.5	48.5	50.4	52.3	54.3	55.2	56.2
0.0	10°	33.9	36.8	38.8	41.7	43.6	45.5	47.5	49.4	51.4	52.3
0.0	12.5°	27.1	30.0	32.9	34.9	37.8	40.7	42.6	44.6	46.5	48.5
0.0	15°	21.3	24.2	27.1	29.1	32.0	34.9	37.8	39.7	41.7	43.6
0.0	17.5°	15.5	18.4	21.3	23.3	26.2	29.1	31.0	33.9	35.9	37.8
0.0	20°	7.8	10.7	13.6	16.5	19.4	22.3	24.2	27.1	29.1	31.0
0.0	22.5°	1.0	3.9	6.8	8.7	11.6	14.5	16.5	19.4	21.3	23.3
0.0	25°	0.0	1.0	2.9	3.9	4.8	6.8	8.7	10.7	12.6	14.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.0	1.9	3.9	5.8	7.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.9
	85°	0.0	0.0	0.0	0.0	0.0	1.9	2.9	4.8	5.8	6.8
	87.5°	0.0	1.0	1.9	2.9	3.9	5.8	7.8	9.7	10.7	11.6
	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: P1048858

CATALOG NUMBER: GALN-SA3B-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
56.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.9	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											
1.0											
3.9											
8.7											
12.6											
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REPORT NUMBER: P1048858

CATALOG NUMBER: GALN-SA3B-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	68.8	68.8	68.8	68.8	67.8	67.8	67.8	66.9	66.9	65.9
0.0	5°	63.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	63.0	63.0
0.0	7.5°	58.1	59.1	60.1	60.1	61.0	61.0	61.0	60.1	60.1	59.1
0.0	10°	55.2	56.2	56.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
0.0	12.5°	51.4	52.3	53.3	53.3	54.3	54.3	54.3	54.3	53.3	53.3
0.0	15°	46.5	48.5	49.4	50.4	50.4	51.4	51.4	51.4	51.4	51.4
0.0	17.5°	42.6	44.6	45.5	46.5	46.5	47.5	47.5	48.5	48.5	48.5
0.0	20°	34.9	36.8	37.8	39.7	40.7	41.7	42.6	43.6	43.6	44.6
0.0	22.5°	27.1	29.1	30.0	32.0	32.9	33.9	34.9	35.9	36.8	37.8
0.0	25°	19.4	21.3	22.3	24.2	25.2	26.2	27.1	28.1	28.1	29.1
0.0	27.5°	10.7	12.6	14.5	15.5	17.4	18.4	19.4	20.3	21.3	22.3
0.0	30°	4.8	5.8	6.8	8.7	9.7	10.7	11.6	13.6	14.5	15.5
0.0	32.5°	0.0	0.0	1.0	2.9	3.9	4.8	5.8	6.8	6.8	7.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.9	2.9	3.9
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°	1.9	1.9	1.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	82.5°	4.8	5.8	6.8	6.8	7.8	7.8	7.8	7.8	6.8	6.8
	85°	9.7	10.7	11.6	11.6	12.6	12.6	12.6	12.6	12.6	12.6
	87.5°	13.6	14.5	15.5	15.5	16.5	16.5	16.5	16.5	16.5	16.5
	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: P1048858

CATALOG NUMBER: GALN-SA3B-740-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
56.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
2.9											
6.8											
12.6											
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REPORT NUMBER: P1048858

CATALOG NUMBER: GALN-SA3B-740-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°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	64.9	64.9	64.0	64.0	64.0	64.0	64.0	64.9	65.9	65.9
0.0	5°	62.0	62.0	61.0	61.0	61.0	62.0	62.0	63.0	64.0	64.9
0.0	7.5°	59.1	58.1	58.1	59.1	59.1	60.1	60.1	61.0	62.0	63.0
0.0	10°	57.2	56.2	56.2	56.2	57.2	57.2	58.1	59.1	60.1	61.0
0.0	12.5°	53.3	53.3	53.3	53.3	54.3	54.3	55.2	56.2	58.1	59.1
0.0	15°	51.4	50.4	50.4	50.4	50.4	51.4	51.4	53.3	55.2	56.2
0.0	17.5°	47.5	47.5	46.5	46.5	47.5	47.5	48.5	50.4	52.3	53.3
0.0	20°	43.6	42.6	41.7	41.7	42.6	42.6	43.6	45.5	47.5	48.5
0.0	22.5°	37.8	36.8	36.8	36.8	36.8	37.8	37.8	39.7	42.6	44.6
0.0	25°	30.0	31.0	31.0	32.0	32.0	32.9	33.9	35.9	38.8	40.7
0.0	27.5°	23.3	24.2	24.2	26.2	27.1	28.1	29.1	32.0	34.9	36.8
0.0	30°	17.4	18.4	19.4	20.3	22.3	24.2	26.2	29.1	32.0	33.9
0.0	32.5°	10.7	12.6	13.6	15.5	17.4	19.4	21.3	24.2	28.1	31.0
0.0	35°	7.8	8.7	10.7	11.6	13.6	15.5	17.4	21.3	24.2	28.1
0.0	37.5°	3.9	5.8	7.8	9.7	11.6	13.6	15.5	19.4	23.3	26.2
0.0	40°	2.9	4.8	5.8	7.8	10.7	12.6	14.5	18.4	22.3	26.2
0.0	42.5°	1.9	2.9	3.9	6.8	8.7	11.6	14.5	18.4	22.3	26.2
0.0	45°	1.9	1.9	2.9	5.8	8.7	12.6	15.5	19.4	22.3	26.2
0.0	47.5°	1.9	2.9	3.9	7.8	9.7	12.6	15.5	18.4	22.3	25.2
0.0	50°	2.9	3.9	4.8	8.7	10.7	13.6	15.5	19.4	22.3	26.2
0.0	52.5°	1.9	2.9	3.9	7.8	10.7	14.5	17.4	21.3	25.2	28.1
0.0	55°	1.0	1.0	1.0	5.8	11.6	16.5	22.3	25.2	29.1	32.0
0.0	57.5°	0.0	0.0	0.0	3.9	11.6	18.4	25.2	29.1	32.9	35.9
0.0	60°	0.0	0.0	0.0	3.9	11.6	18.4	25.2	30.0	34.9	39.7
0.0	62.5°	0.0	0.0	0.0	3.9	9.7	15.5	21.3	29.1	37.8	45.5
0.0	65°	0.0	0.0	0.0	2.9	7.8	12.6	17.4	29.1	40.7	51.4
0.0	67.5°	0.0	0.0	0.0	2.9	7.8	11.6	16.5	29.1	40.7	53.3
	70°	0.0	0.0	0.0	2.9	7.8	12.6	17.4	29.1	40.7	52.3
	72.5°	0.0	0.0	0.0	2.9	8.7	13.6	19.4	29.1	38.8	48.5
	75°	0.0	0.0	0.0	3.9	8.7	14.5	20.3	29.1	37.8	45.5
	77.5°	0.0	0.0	0.0	2.9	8.7	13.6	19.4	28.1	36.8	44.6
	80°	2.9	1.9	1.9	4.8	8.7	12.6	16.5	25.2	34.9	43.6
	82.5°	5.8	5.8	4.8	6.8	8.7	11.6	14.5	22.3	31.0	38.8
	85°	11.6	11.6	10.7	11.6	11.6	12.6	13.6	17.4	21.3	25.2
	87.5°	15.5	15.5	14.5	14.5	14.5	13.6	13.6	13.6	13.6	12.6
	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: P1048858

CATALOG NUMBER: GALN-SA3B-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
56.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.0											
58.1											
54.3											
53.3											
52.3											
46.5											
29.1											
12.6											
0.0											
0.0											
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REPORT NUMBER: P1048858

CATALOG NUMBER: GALN-SA3B-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	67.8	68.8	68.8	69.8	70.7	71.7	71.7	72.7	72.7	72.7
0.0	5°	66.9	68.8	69.8	70.7	71.7	72.7	73.6	74.6	75.6	75.6
0.0	7.5°	65.9	66.9	68.8	69.8	71.7	72.7	74.6	75.6	76.6	77.5
0.0	10°	64.0	65.9	67.8	69.8	71.7	73.6	75.6	77.5	79.5	80.4
0.0	12.5°	62.0	64.9	66.9	68.8	71.7	74.6	76.6	79.5	81.4	83.3
0.0	15°	61.0	63.0	65.9	67.8	71.7	75.6	78.5	82.4	86.2	89.1
0.0	17.5°	58.1	62.0	64.9	67.8	71.7	76.6	80.4	84.3	90.1	95.9
0.0	20°	54.3	57.2	61.0	64.0	69.8	74.6	80.4	85.3	94.0	102.7
0.0	22.5°	50.4	54.3	57.2	61.0	67.8	73.6	80.4	86.2	100.8	114.3
0.0	25°	46.5	51.4	55.2	59.1	66.9	74.6	82.4	90.1	114.3	138.6
0.0	27.5°	44.6	48.5	53.3	57.2	66.9	77.5	87.2	96.9	135.7	173.5
0.0	30°	41.7	46.5	50.4	55.2	67.8	80.4	93.0	105.6	164.7	223.8
0.0	32.5°	38.8	43.6	48.5	53.3	69.8	86.2	101.7	118.2	195.7	272.3
0.0	35°	35.9	41.7	46.5	51.4	72.7	95.0	116.3	137.6	223.8	309.1
0.0	37.5°	34.9	40.7	45.5	50.4	73.6	95.9	119.2	141.5	226.7	312.0
0.0	40°	35.9	40.7	46.5	51.4	70.7	90.1	108.5	127.9	217.1	305.2
0.0	42.5°	35.9	41.7	47.5	53.3	68.8	84.3	99.8	115.3	214.2	313.0
0.0	45°	34.9	40.7	46.5	52.3	66.9	80.4	95.0	108.5	231.6	353.7
0.0	47.5°	33.9	39.7	45.5	51.4	65.9	80.4	95.0	109.5	299.4	488.4
0.0	50°	33.9	39.7	44.6	49.4	66.9	85.3	102.7	120.2	436.1	751.0
0.0	52.5°	35.9	40.7	44.6	48.5	68.8	90.1	110.5	130.8	554.3	976.8
0.0	55°	38.8	41.7	45.5	48.5	73.6	97.9	123.1	147.3	590.1	1033.0
0.0	57.5°	42.6	45.5	48.5	51.4	82.4	113.4	143.4	174.4	593.0	1010.7
0.0	60°	47.5	51.4	54.3	57.2	90.1	124.0	157.0	189.9	536.8	882.8
0.0	62.5°	58.1	63.0	66.9	71.7	103.7	134.7	166.7	197.7	445.7	693.8
0.0	65°	66.9	70.7	74.6	78.5	109.5	141.5	172.5	203.5	377.9	552.3
0.0	67.5°	68.8	72.7	75.6	79.5	111.4	143.4	174.4	206.4	323.6	439.9
	70°	69.8	74.6	80.4	85.3	118.2	151.2	183.1	216.1	286.8	357.6
	72.5°	66.9	76.6	85.3	94.0	125.0	155.0	186.1	216.1	266.5	316.9
	75°	66.9	80.4	93.0	105.6	128.9	151.2	174.4	196.7	235.5	274.2
	77.5°	70.7	88.2	105.6	123.1	136.6	149.2	162.8	175.4	200.6	225.8
	80°	70.7	89.1	106.6	125.0	130.8	137.6	143.4	149.2	152.1	155.0
	82.5°	61.0	75.6	90.1	104.7	97.9	91.1	84.3	77.5	72.7	66.9
	85°	31.0	33.9	35.9	37.8	34.9	32.0	29.1	26.2	24.2	21.3
	87.5°	12.6	12.6	11.6	11.6	11.6	11.6	10.7	10.7	10.7	10.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048858

CATALOG NUMBER: GALN-SA3B-740-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
56.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
286.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
388.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
485.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
551.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
650.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
747.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
940.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1434.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2196.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2765.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2828.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2552.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2182.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1705.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1288.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
951.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
673.5											
501.0											
364.3											
274.2											
154.1											
69.8											
20.3											
9.7											
0.0											
0.0											
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REPORT NUMBER: P1048858

CATALOG NUMBER: GALN-SA3B-740-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°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	72.7	71.7	71.7	70.7	69.8	68.8	67.8	66.9	65.9	64.9
0.0	5°	75.6	75.6	75.6	74.6	74.6	73.6	73.6	72.7	71.7	70.7
0.0	7.5°	78.5	79.5	79.5	80.4	80.4	80.4	80.4	79.5	79.5	79.5
0.0	10°	83.3	84.3	85.3	86.2	87.2	88.2	88.2	89.1	89.1	89.1
0.0	12.5°	89.1	92.1	94.0	96.9	98.8	101.7	103.7	106.6	108.5	110.5
0.0	15°	97.9	102.7	108.5	113.4	118.2	125.0	132.8	139.5	146.3	157.0
0.0	17.5°	110.5	126.0	141.5	156.0	171.5	205.4	239.3	272.3	306.2	355.6
0.0	20°	134.7	181.2	226.7	273.3	318.8	438.0	556.2	675.4	793.6	920.6
0.0	22.5°	189.0	303.3	417.6	532.0	646.3	895.4	1143.4	1392.5	1640.5	1932.2
0.0	25°	274.2	484.5	694.8	904.1	1114.4	1503.9	1894.4	2284.0	2673.5	3052.4
0.0	27.5°	399.2	720.9	1042.7	1363.4	1685.1	2213.2	2742.3	3270.4	3798.5	4226.8
0.0	30°	553.3	989.4	1425.4	1861.5	2297.5	2898.3	3499.1	4098.9	4699.7	5167.7
0.0	32.5°	698.7	1232.6	1766.5	2299.5	2833.4	3517.5	4202.6	4886.7	5570.8	6082.5
0.0	35°	793.6	1439.0	2085.3	2730.7	3376.0	4116.4	4856.7	5596.0	6336.4	6920.7
0.0	37.5°	888.6	1633.8	2378.0	3123.1	3867.3	4680.3	5493.3	6306.3	7119.3	7841.2
0.0	40°	995.2	1869.2	2742.3	3616.4	4489.4	5452.6	6414.9	7378.1	8340.3	9358.7
0.0	42.5°	1180.3	2259.7	3340.2	4419.7	5499.1	6773.4	8047.6	9320.9	10595.2	12048.7
0.0	45°	1528.1	3049.5	4571.8	6093.1	7614.5	9302.5	10991.5	12679.5	14367.5	16301.7
0.0	47.5°	2379.9	4473.0	6565.1	8658.1	10750.2	12572.9	14394.7	16217.4	18039.1	19965.5
0.0	50°	3641.5	6077.6	8513.7	10948.9	13385.0	15034.2	16682.5	18331.8	19980.0	21812.5
0.0	52.5°	4554.4	7092.2	9631.0	12168.8	14706.7	16195.1	17684.5	19172.9	20661.3	22373.5
0.0	55°	4623.2	7146.5	9670.7	12194.0	14717.3	16212.5	17707.7	19202.9	20698.1	22513.0
0.0	57.5°	4093.1	6596.1	9098.0	11601.0	14103.0	15805.5	17507.1	19209.7	20911.3	22873.5
0.0	60°	3481.7	5985.6	8488.5	10992.5	13495.4	15456.7	17419.0	19380.2	21341.5	23179.7
0.0	62.5°	2716.1	5291.8	7868.4	10444.0	13019.6	15011.0	17002.3	18992.6	20983.9	22362.8
0.0	65°	2024.3	4525.3	7026.3	9526.4	12027.4	13622.4	15217.4	16811.4	18406.4	19260.1
0.0	67.5°	1463.2	3620.2	5776.3	7933.3	10089.3	11230.8	12372.3	13512.9	14654.4	15307.5
	70°	989.4	2483.6	3976.8	5471.0	6964.3	7902.3	8841.3	9779.3	10717.3	11599.1
	72.5°	685.1	1524.3	2364.4	3203.6	4042.7	4986.5	5929.4	6873.2	7816.0	8749.2
	75°	454.5	836.3	1219.0	1600.8	1982.6	2681.3	3380.9	4079.5	4778.2	5334.4
	77.5°	322.7	437.0	552.3	666.7	781.0	911.8	1043.6	1174.4	1305.3	1503.9
	80°	153.1	167.6	182.2	195.7	210.3	257.8	305.2	352.7	400.2	450.6
	82.5°	72.7	78.5	84.3	89.1	95.0	99.8	104.7	109.5	114.3	109.5
	85°	19.4	19.4	20.3	20.3	20.3	20.3	20.3	20.3	20.3	19.4
	87.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	7.8	7.8	6.8
	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°
56.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
404.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1048.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2223.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3431.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4655.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5636.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6595.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7505.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8564.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10377.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13502.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18235.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21891.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23644.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24085.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24329.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24835.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25017.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23742.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20114.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15961.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12479.9											
9682.4											
5890.6											
1702.6											
501.0											
103.7											
18.4											
6.8											
0.0											
0.0											
0.0											
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0.0											

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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	63.0	62.0	61.0	60.1	59.1	57.2	57.2	56.2	56.2
0.0	5°	68.8	67.8	66.9	65.9	65.9	64.9	64.0	64.0	63.0
0.0	7.5°	78.5	77.5	76.6	75.6	75.6	74.6	74.6	73.6	73.6
0.0	10°	90.1	90.1	90.1	90.1	90.1	89.1	89.1	89.1	88.2
0.0	12.5°	113.4	114.3	116.3	118.2	121.1	121.1	121.1	120.2	120.2
0.0	15°	179.3	189.9	197.7	205.4	212.2	227.7	225.8	222.9	220.9
0.0	17.5°	453.5	501.9	528.1	553.3	579.5	651.2	639.5	627.9	617.3
0.0	20°	1175.4	1302.4	1386.7	1471.0	1556.2	1690.9	1658.0	1625.0	1592.1
0.0	22.5°	2514.6	2806.3	2933.2	3060.1	3186.1	3348.9	3243.3	3137.7	3033.0
0.0	25°	3809.2	4188.1	4402.2	4616.4	4829.6	4922.6	4785.0	4646.4	4508.8
0.0	27.5°	5083.4	5511.7	5700.7	5888.7	6077.6	6272.4	6101.9	5930.4	5759.8
0.0	30°	6104.8	6572.8	6777.3	6980.8	7185.2	7320.9	7144.5	6967.2	6790.8
0.0	32.5°	7106.7	7618.4	7842.2	8066.1	8288.9	8483.7	8266.6	8048.6	7831.6
0.0	35°	8088.3	8672.7	8980.8	9288.9	9597.1	9778.3	9520.5	9261.8	9004.1
0.0	37.5°	9286.0	10008.0	10352.9	10697.9	11042.9	11373.3	11089.4	10804.5	10520.6
0.0	40°	11395.6	12414.0	12943.1	13473.1	14002.2	14428.6	14070.0	13711.5	13353.0
0.0	42.5°	14955.7	16409.2	17169.9	17929.6	18690.3	19356.0	18979.1	18602.1	18225.2
0.0	45°	20170.0	22104.1	23031.5	23957.8	24885.2	25371.6	24829.0	24285.4	23742.7
0.0	47.5°	23817.3	25743.7	26569.3	27394.9	28220.5	28775.8	28112.0	27448.2	26785.4
0.0	50°	25476.3	27308.7	28137.2	28964.7	29793.2	30234.1	29467.6	28700.2	27933.7
0.0	52.5°	25797.0	27509.3	28497.7	29487.0	30475.4	31064.6	30159.5	29253.5	28348.4
0.0	55°	26143.9	27958.9	29105.2	30252.5	31398.9	32214.8	31191.5	30167.3	29144.0
0.0	57.5°	26797.0	28759.3	29902.7	31045.2	32188.6	32881.5	31855.3	30828.1	29802.0
0.0	60°	26855.2	28692.4	29675.0	30658.6	31641.1	32077.2	31095.6	30113.0	29131.4
0.0	62.5°	25121.6	26500.5	27182.7	27864.9	28547.1	29020.9	27996.7	26971.5	25947.2
0.0	65°	20968.4	21822.1	22365.8	22909.4	23453.0	24017.9	23079.9	22141.9	21203.9
0.0	67.5°	16614.7	17267.8	17983.9	18700.0	19416.1	20019.8	19268.8	18516.8	17765.9
	70°	13361.7	14242.5	15047.8	15853.0	16658.3	17152.5	16398.6	15643.7	14889.8
	72.5°	10615.5	11548.7	12221.2	12892.7	13565.2	13686.3	13132.0	12577.8	12024.5
	75°	6445.9	7002.1	7015.6	7028.2	7041.8	7157.1	6697.8	6238.5	5780.2
	77.5°	1901.2	2099.8	2263.6	2426.4	2590.2	2787.8	2619.2	2449.7	2281.1
	80°	550.4	600.8	643.4	685.1	727.7	702.5	662.8	623.1	583.3
	82.5°	98.8	93.0	92.1	91.1	91.1	86.2	78.5	70.7	63.0
	85°	17.4	16.5	15.5	14.5	13.6	12.6	10.7	9.7	7.8
	87.5°	5.8	4.8	3.9	2.9	2.9	1.0	1.0	1.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048858

CATALOG NUMBER: GALN-SA3B-740-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°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	0.0	2.5°	55.2	54.3	54.3	54.3	54.3	53.3	53.3	53.3	53.3
0.0	0.0	5°	61.0	61.0	60.1	60.1	59.1	59.1	58.1	58.1	57.2
0.0	0.0	7.5°	71.7	70.7	69.8	68.8	67.8	65.9	64.9	64.0	64.0
0.0	0.0	10°	86.2	84.3	83.3	81.4	80.4	78.5	76.6	74.6	72.7
0.0	0.0	12.5°	113.4	109.5	106.6	102.7	98.8	95.9	92.1	89.1	85.3
0.0	0.0	15°	196.7	187.0	176.4	163.8	150.2	137.6	124.0	116.3	107.6
0.0	0.0	17.5°	502.9	452.5	401.2	359.5	317.8	277.1	235.5	205.4	175.4
0.0	0.0	20°	1280.1	1140.5	1001.0	863.4	724.8	587.2	448.7	378.9	309.1
0.0	0.0	22.5°	2409.0	2150.2	1890.5	1639.6	1387.6	1136.7	885.7	727.7	570.7
0.0	0.0	25°	3718.1	3392.5	3066.9	2654.1	2240.4	1827.6	1414.8	1158.0	901.2
0.0	0.0	27.5°	4838.3	4463.3	4088.3	3586.3	3084.4	2582.4	2080.5	1697.7	1315.9
0.0	0.0	30°	5808.3	5405.1	5002.0	4417.7	3833.4	3249.1	2664.8	2186.1	1707.4
0.0	0.0	32.5°	6649.4	6166.8	5684.2	5081.5	4478.8	3876.0	3273.3	2686.1	2098.9
0.0	0.0	35°	7619.3	7056.3	6492.4	5823.8	5154.2	4485.6	3816.9	3154.1	2490.4
0.0	0.0	37.5°	8851.9	8161.0	7469.1	6724.0	5978.8	5234.6	4489.4	3731.7	2973.9
0.0	0.0	40°	11211.5	10320.0	9428.5	8481.8	7534.1	6587.3	5640.6	4710.4	3780.1
0.0	0.0	42.5°	15439.3	14234.8	13030.3	11770.6	10509.9	9250.2	7989.5	6677.5	5364.4
0.0	0.0	45°	20210.7	18716.5	17221.3	15807.5	14392.7	12978.9	11565.2	9764.7	7964.3
0.0	0.0	47.5°	22893.9	21280.5	19667.1	18328.9	16990.6	15652.4	14314.2	12373.3	10432.4
0.0	0.0	50°	23881.3	22238.8	20596.3	19364.7	18132.1	16900.5	15667.9	13724.1	11779.3
0.0	0.0	52.5°	24091.6	22416.1	20740.7	19501.4	18262.0	17023.6	15784.2	13853.0	11921.7
0.0	0.0	55°	24523.7	22726.2	20927.7	19514.9	18102.1	16689.3	15276.5	13314.2	11352.0
0.0	0.0	57.5°	25088.7	23245.6	21402.6	19793.0	18183.5	16574.9	14965.4	12820.0	10674.6
0.0	0.0	60°	24940.4	23336.7	21732.0	20008.2	18283.3	16559.4	14834.6	12475.1	10114.5
0.0	0.0	62.5°	22366.7	21089.6	19811.4	18393.8	16975.1	15557.5	14139.8	11710.5	9281.2
0.0	0.0	65°	18400.6	17468.4	16536.2	15395.7	14254.2	13113.6	11973.1	9794.8	7617.4
0.0	0.0	67.5°	14913.1	13862.7	12811.3	11902.4	10992.5	10083.5	9173.6	7459.5	5745.3
		70°	11848.1	10705.6	9562.2	8674.6	7786.0	6898.4	6010.8	4871.2	3732.6
		72.5°	9409.1	8379.0	7349.0	6402.3	5454.6	4507.8	3560.1	2886.7	2213.2
		75°	4497.2	4085.4	3673.5	3178.4	2683.2	2188.0	1692.9	1399.3	1106.6
		77.5°	1666.7	1444.8	1221.9	1020.4	818.8	618.2	416.7	381.8	346.9
		80°	431.2	376.0	319.8	280.0	239.3	199.6	159.9	144.4	129.8
		82.5°	49.4	45.5	42.6	40.7	37.8	35.9	32.9	30.0	27.1
		85°	2.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA3B-740-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1048858

CATALOG NUMBER: GALN-SA3B-740-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	56.2	56.2
0.0	0.0	2.5°	52.3	51.4
0.0	0.0	5°	55.2	54.3
0.0	0.0	7.5°	61.0	59.1
0.0	0.0	10°	66.9	64.9
0.0	0.0	12.5°	75.6	72.7
0.0	0.0	15°	85.3	79.5
0.0	0.0	17.5°	101.7	89.1
0.0	0.0	20°	137.6	105.6
0.0	0.0	22.5°	193.8	131.8
0.0	0.0	25°	284.9	182.2
0.0	0.0	27.5°	396.3	242.3
0.0	0.0	30°	527.1	303.3
0.0	0.0	32.5°	642.5	361.4
0.0	0.0	35°	792.7	420.6
0.0	0.0	37.5°	977.7	496.1
0.0	0.0	40°	1264.6	610.5
0.0	0.0	42.5°	1781.0	821.7
0.0	0.0	45°	2892.5	1420.6
0.0	0.0	47.5°	4450.7	2349.9
0.0	0.0	50°	5444.9	2999.1
0.0	0.0	52.5°	5526.3	2994.2
0.0	0.0	55°	5044.7	2661.9
0.0	0.0	57.5°	4304.3	2224.9
0.0	0.0	60°	3577.6	1759.7
0.0	0.0	62.5°	2818.9	1215.1
0.0	0.0	65°	2060.1	859.5
0.0	0.0	67.5°	1479.7	642.5
		70°	972.9	492.3
		72.5°	633.7	401.2
		75°	426.4	332.4
		77.5°	249.0	220.9
		80°	88.2	77.5
		82.5°	16.5	11.6
		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: P1048858

CATALOG NUMBER: GALN-SA3B-740-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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

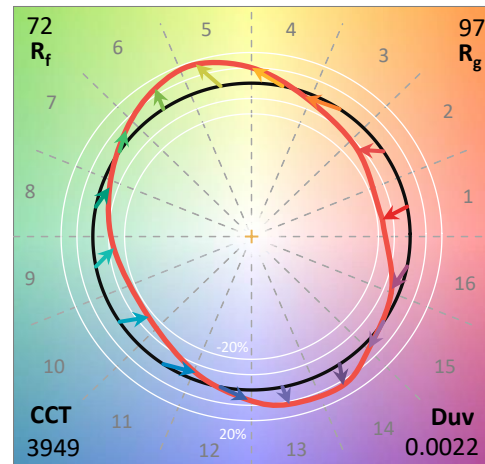
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

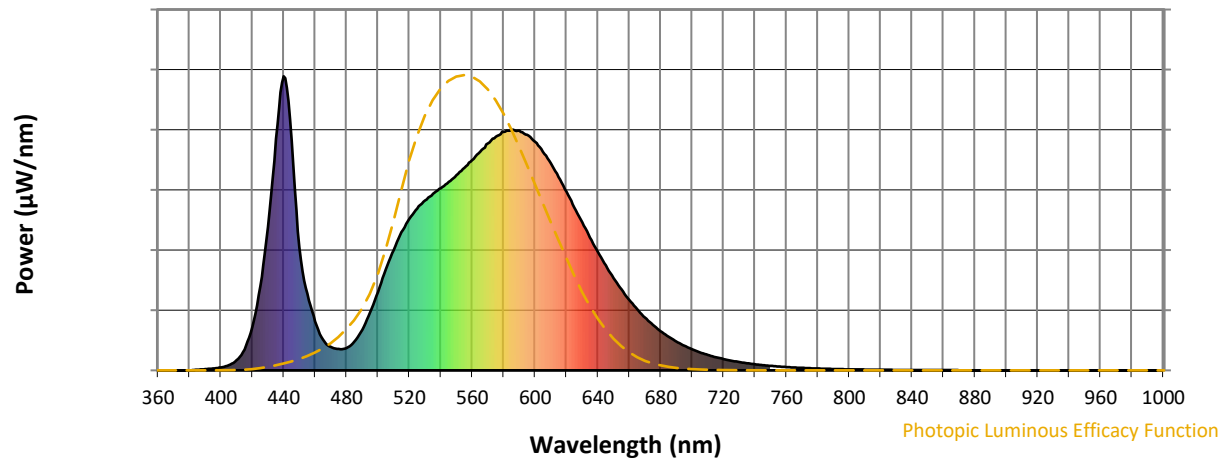
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

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: SP1-2407-184-1

Photopic Flux vs. Wavelength

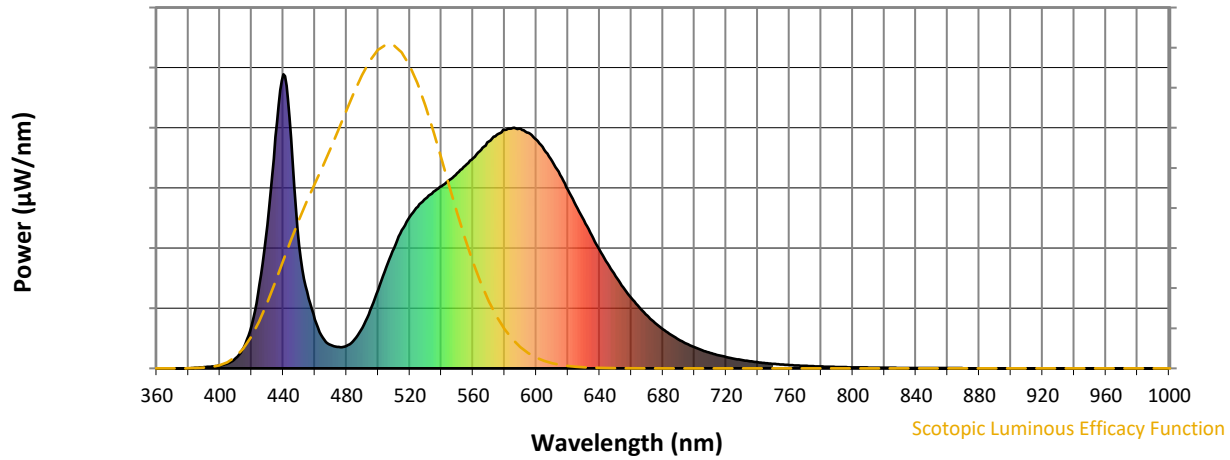


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength



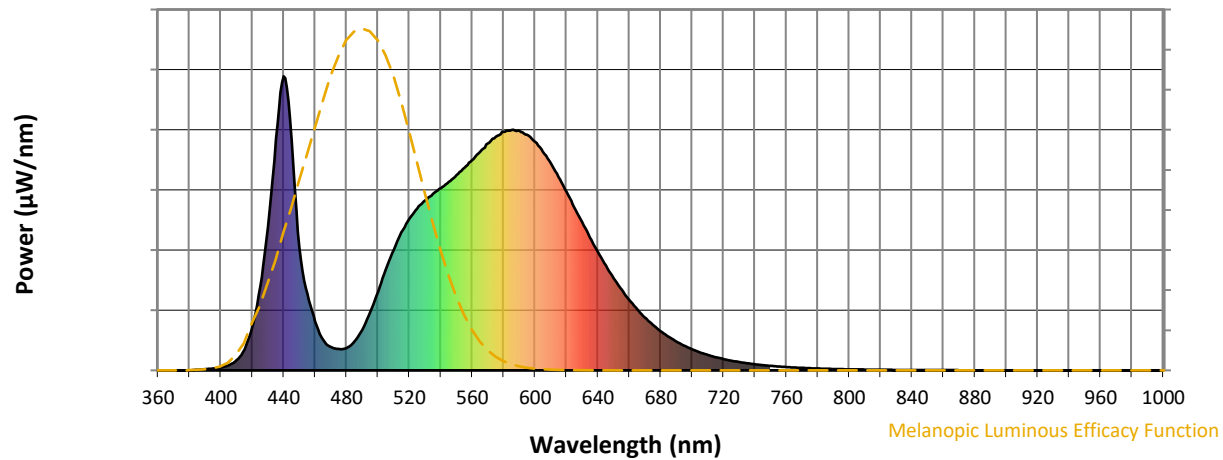
Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

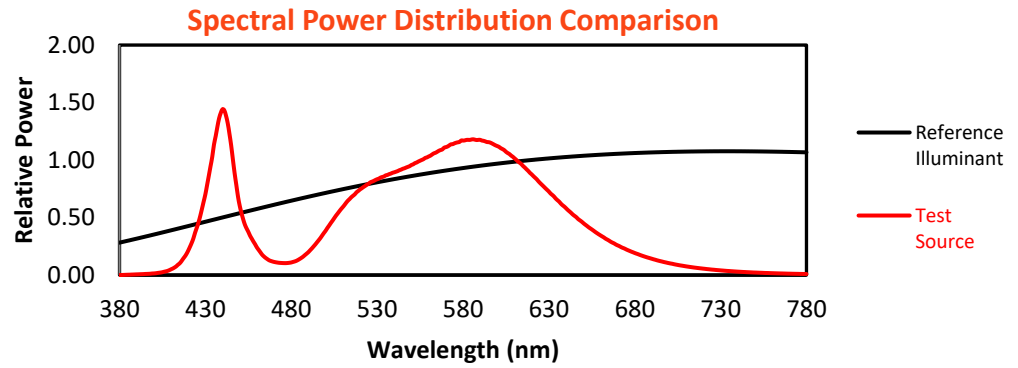
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

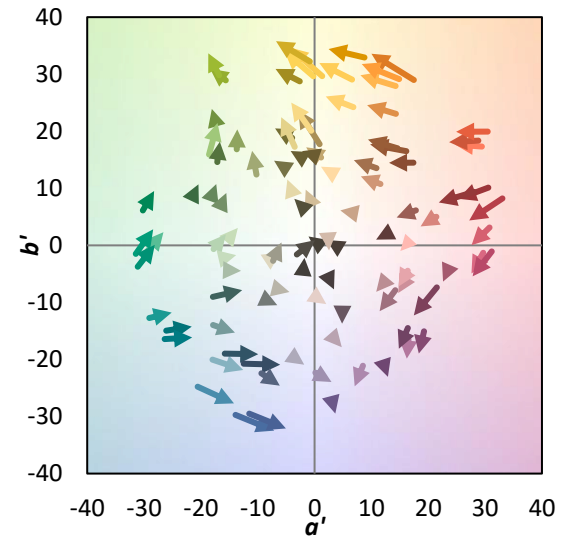
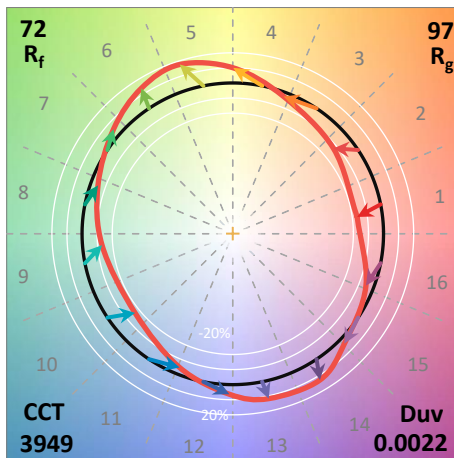
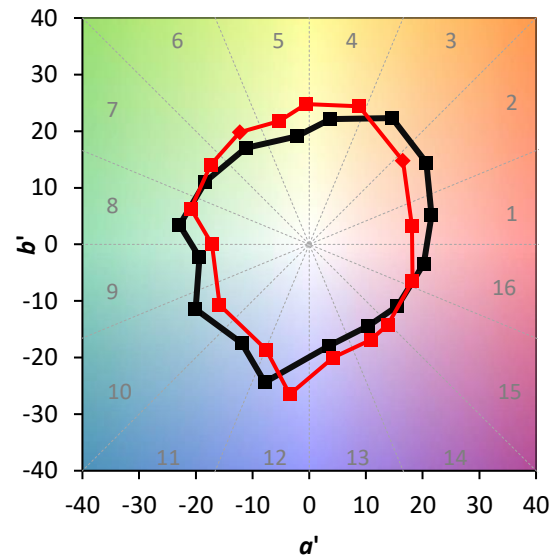
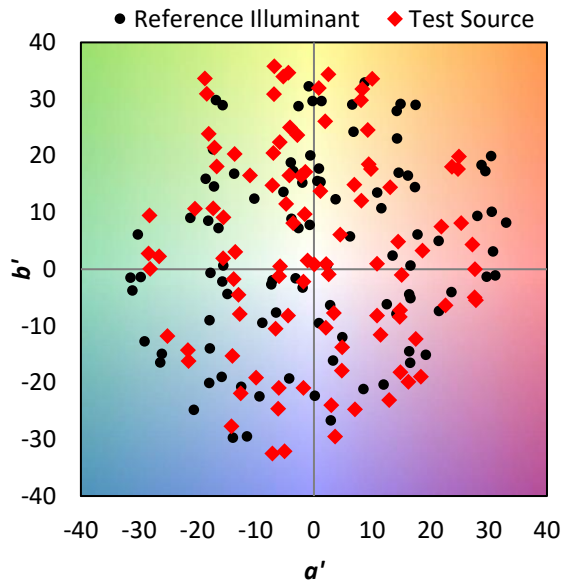
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 $CIE R_a = 70.7$
 $R_g = -36.7$

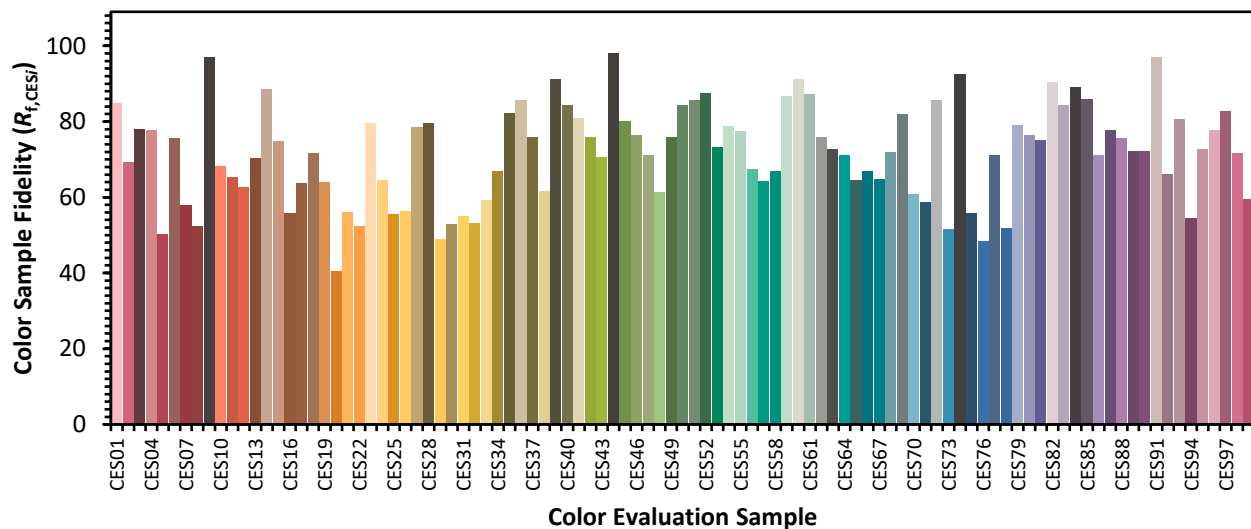


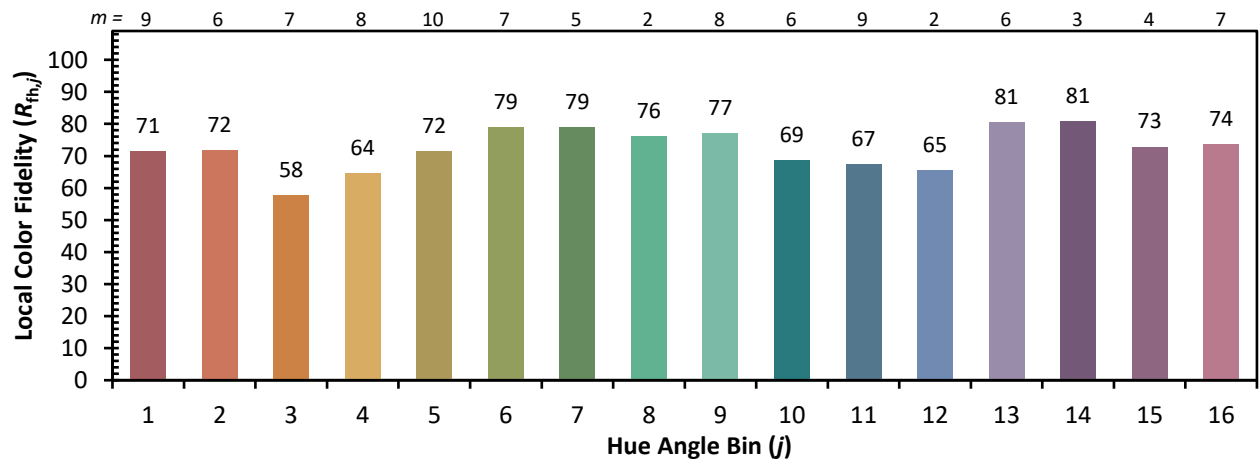
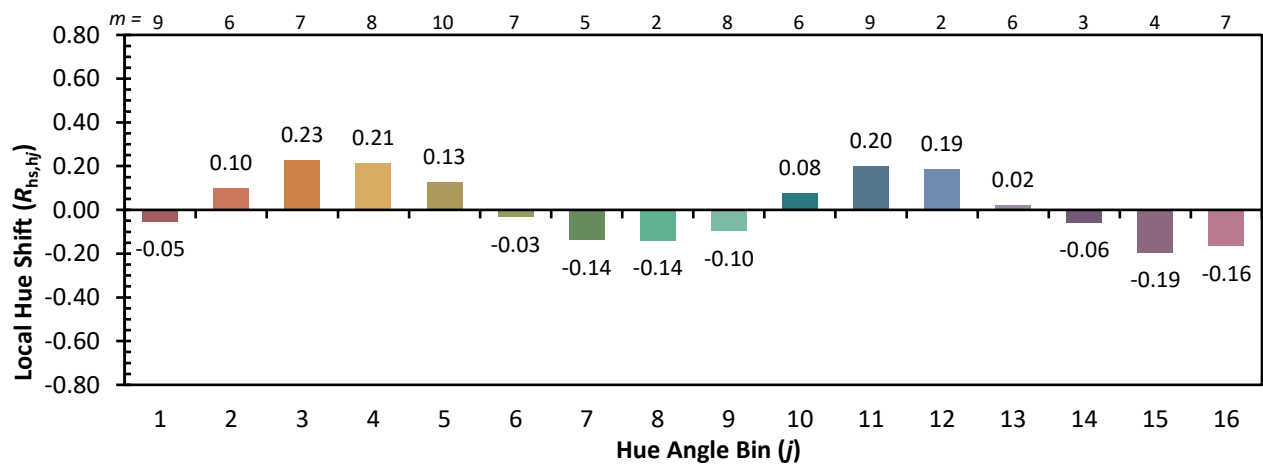
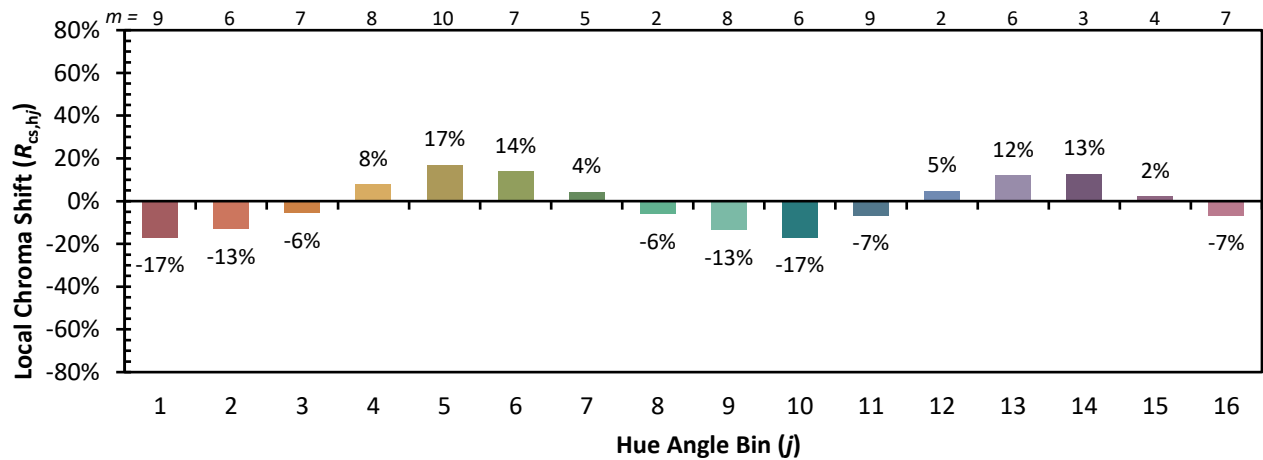
Color Vector Graphics



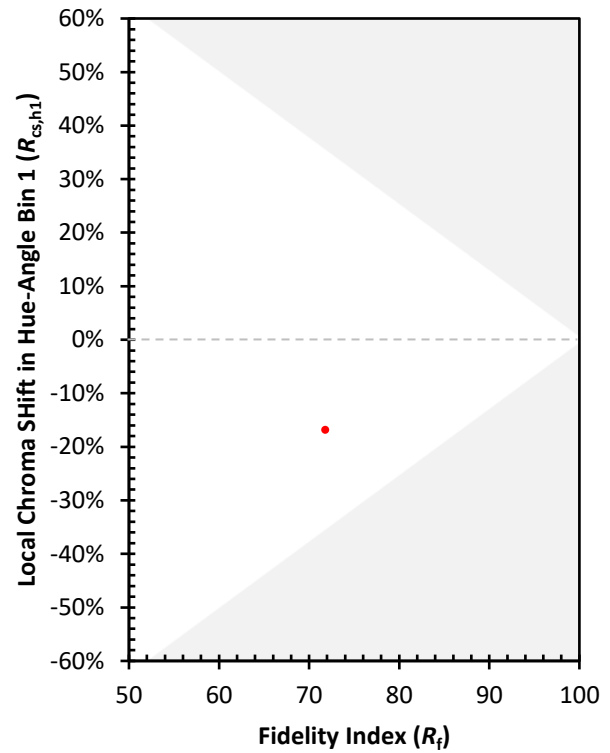
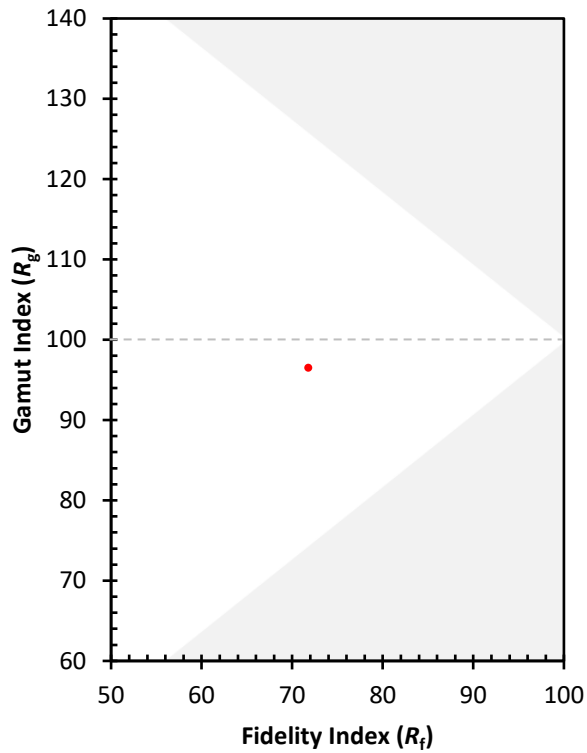
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)