

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: P1048859

Luminaire Tested: **GALN-SA3C-740-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048859
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3C-740-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 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: 15468.5 lumens
Efficiency: N/A
Efficacy: 110.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

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

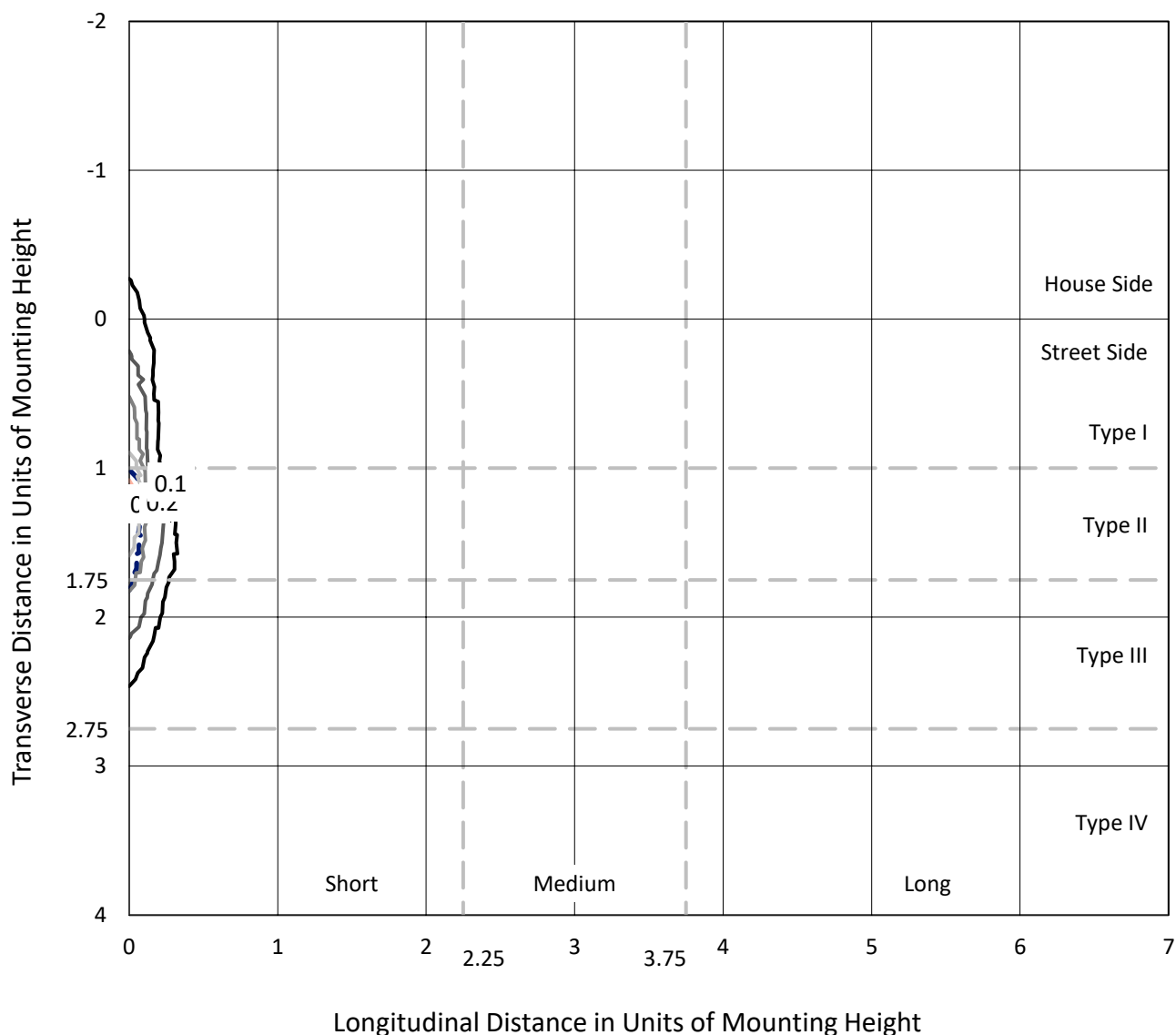
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



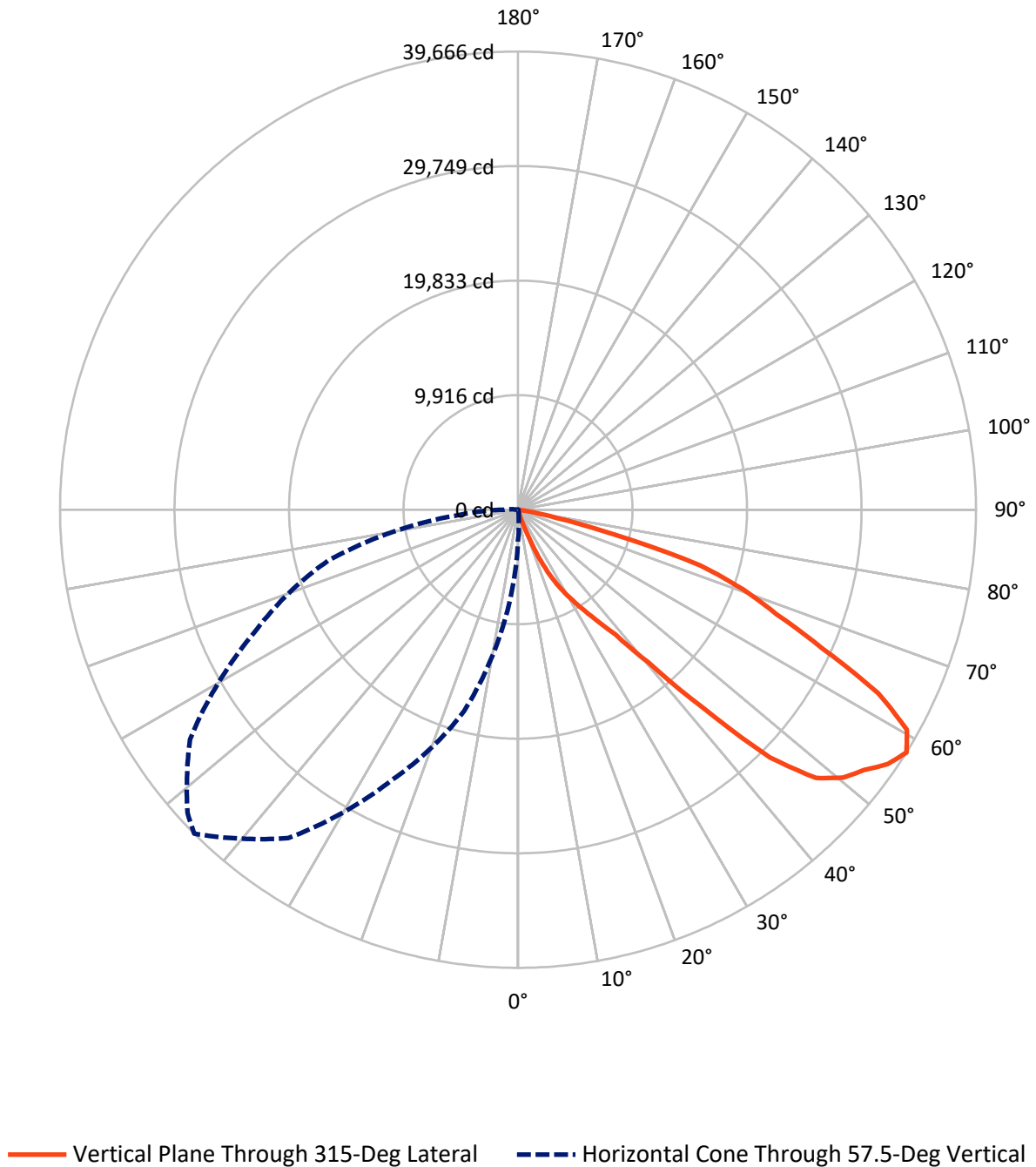
Based on 20 foot mounting height. Maximum calculated value = 2.3 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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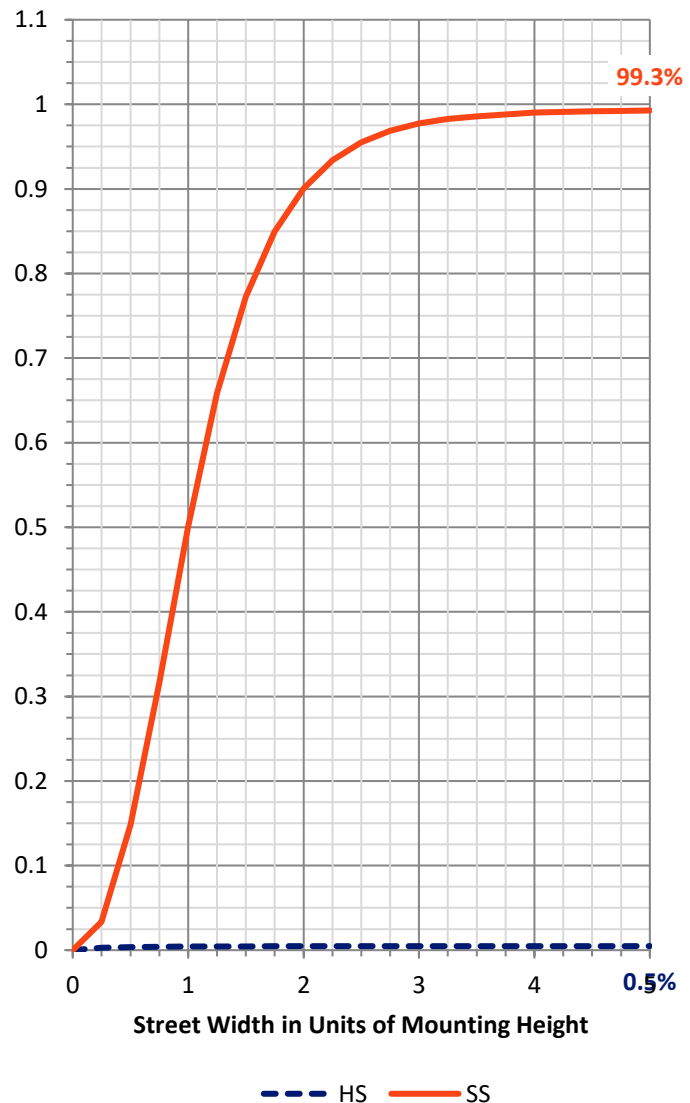
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	77.5	0.0	77.5
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	15391.0	0.0	15391.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	15468.5	0.0	15468.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.1	0.0
10°-20°	34.0	0.2
20°-30°	366.6	2.4
30°-40°	1084.0	7.0
40°-50°	3230.8	20.9
50°-60°	5122.8	33.1
60°-70°	4276.3	27.6
70°-80°	1318.6	8.5
80°-90°	29.3	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°	15468.5	100.0
0°-180°	15468.5	100.0



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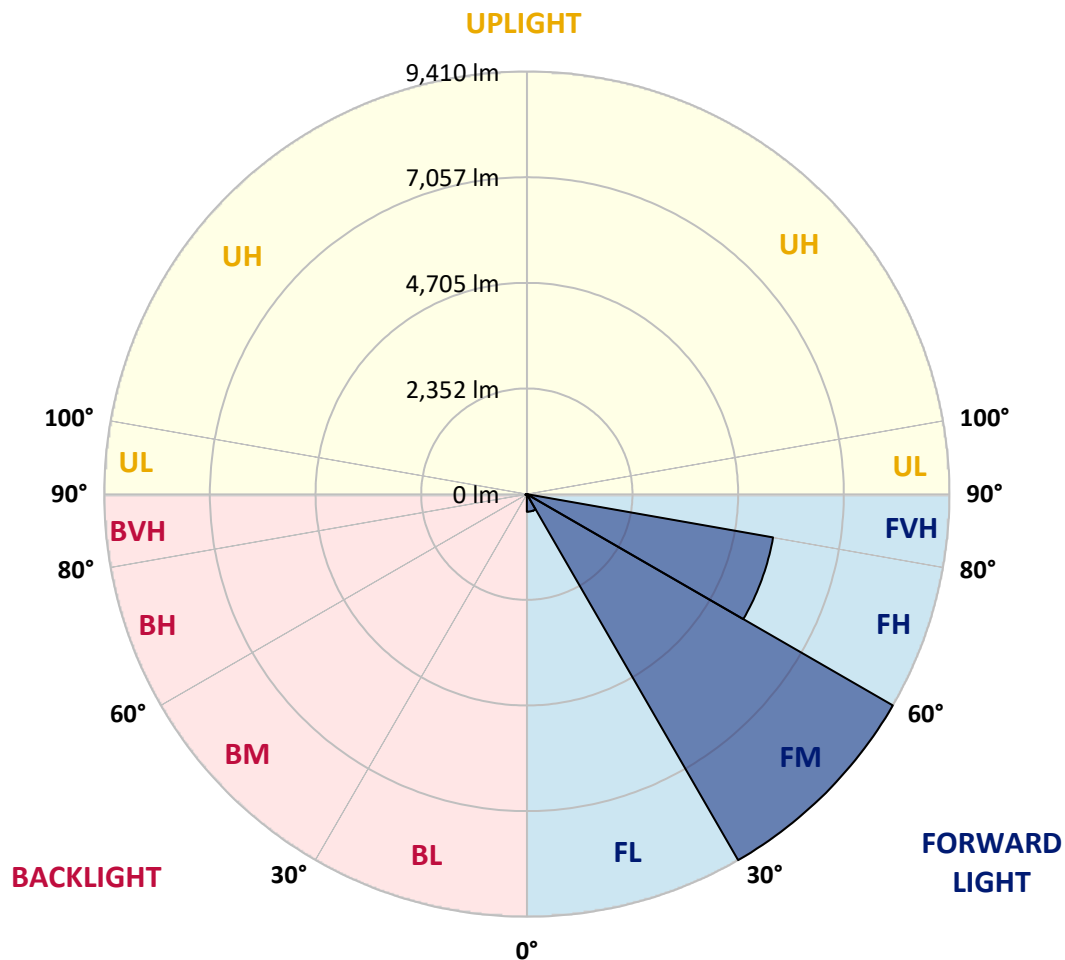
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	392.4	2.5			
FM	(30°-60°)	9409.9	60.8			
FH	(60°-80°)	5566.1	36.0			G3/7500
FVH	(80°-90°)	22.7	0.1			G1/100
BL	(0°-30°)	14.2	0.1	B0/110		
BM	(30°-60°)	27.7	0.2	B0/220		
BH	(60°-80°)	28.9	0.2	B0/110		G0/110
BVH	(80°-90°)	6.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
2.5°	62.0	62.0	62.0	62.0	60.8	60.8	59.6	59.6	58.4	58.4
5°	65.5	65.5	64.3	63.1	63.1	62.0	60.8	59.6	59.6	58.4
7.5°	71.3	70.1	69.0	67.8	65.5	64.3	62.0	60.8	59.6	57.3
10°	78.3	76.0	73.6	71.3	69.0	66.6	64.3	63.1	60.8	59.6
12.5°	87.7	84.2	79.5	76.0	73.6	70.1	67.8	65.5	62.0	59.6
15°	95.9	91.2	85.3	80.7	77.2	72.5	69.0	65.5	63.1	59.6
17.5°	107.5	99.4	90.0	84.2	79.5	73.6	67.8	64.3	60.8	56.1
20°	127.4	111.0	93.5	86.5	79.5	72.5	65.5	60.8	57.3	52.6
22.5°	159.0	130.9	102.9	92.3	83.0	72.5	63.1	58.4	53.8	49.1
25°	219.8	169.5	119.2	105.2	91.2	77.2	63.1	57.3	52.6	46.8
27.5°	292.2	217.4	141.4	121.6	102.9	83.0	63.1	56.1	50.3	43.3
30°	365.9	266.5	166.0	140.3	114.6	88.8	63.1	54.9	47.9	39.7
32.5°	436.0	312.1	187.0	156.6	126.2	94.7	64.3	54.9	45.6	36.2
35°	507.3	349.5	190.5	159.0	127.4	94.7	63.1	52.6	43.3	32.7
37.5°	598.5	391.6	183.5	152.0	121.6	90.0	59.6	50.3	40.9	30.4
40°	736.4	461.7	187.0	154.3	121.6	88.8	56.1	46.8	38.6	29.2
42.5°	991.3	597.3	202.2	164.8	127.4	88.8	51.4	43.3	36.2	28.1
45°	1713.7	992.4	271.2	215.1	159.0	102.9	46.8	39.7	33.9	26.9
47.5°	2834.7	1661.1	487.4	376.4	266.5	155.5	45.6	39.7	33.9	26.9
50°	3617.9	2115.8	613.7	472.3	330.8	189.4	47.9	40.9	35.1	28.1
52.5°	3612.0	2148.5	683.8	524.9	367.0	208.1	50.3	43.3	37.4	30.4
55°	3211.1	1954.5	696.7	535.4	375.2	213.9	53.8	46.8	39.7	32.7
57.5°	2683.9	1659.9	635.9	492.1	349.5	205.7	62.0	53.8	46.8	38.6
60°	2122.8	1309.2	495.6	391.6	288.7	184.7	81.8	71.3	62.0	51.4
62.5°	1465.9	949.2	432.5	347.2	263.0	177.7	93.5	83.0	73.6	63.1
65°	1036.9	714.2	390.4	318.0	246.6	174.2	101.7	90.0	79.5	67.8
67.5°	775.0	568.1	360.0	298.1	236.1	174.2	112.2	98.2	85.3	71.3
70°	593.8	466.4	337.8	287.6	238.5	188.2	137.9	118.1	99.4	79.5
72.5°	483.9	398.6	312.1	275.9	239.6	203.4	167.2	141.4	115.7	88.8
75°	400.9	341.3	281.7	251.3	222.1	191.7	161.3	137.9	115.7	92.3
77.5°	266.5	243.1	218.6	201.1	183.5	164.8	147.3	127.4	108.7	88.8
80°	93.5	90.0	86.5	93.5	100.5	107.5	114.6	100.5	87.7	73.6
82.5°	14.0	12.9	11.7	12.9	14.0	15.2	16.4	17.5	18.7	19.9
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°	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
0.0	2.5°	57.3	57.3	56.1	56.1	56.1	54.9	54.9	53.8	53.8	53.8
0.0	5°	56.1	56.1	54.9	53.8	52.6	52.6	51.4	50.3	50.3	49.1
0.0	7.5°	54.9	53.8	52.6	51.4	50.3	49.1	47.9	46.8	46.8	45.6
0.0	10°	56.1	53.8	52.6	50.3	49.1	47.9	45.6	44.4	43.3	43.3
0.0	12.5°	53.8	52.6	50.3	47.9	46.8	44.4	43.3	40.9	39.7	39.7
0.0	15°	53.8	51.4	47.9	45.6	43.3	42.1	39.7	37.4	36.2	35.1
0.0	17.5°	50.3	47.9	44.4	42.1	39.7	37.4	35.1	32.7	31.6	30.4
0.0	20°	45.6	43.3	39.7	36.2	33.9	31.6	29.2	26.9	25.7	24.5
0.0	22.5°	40.9	38.6	35.1	31.6	29.2	26.9	23.4	21.0	19.9	17.5
0.0	25°	38.6	35.1	31.6	28.1	24.5	22.2	18.7	15.2	12.9	10.5
0.0	27.5°	32.7	29.2	25.7	22.2	18.7	15.2	11.7	8.2	5.8	4.7
0.0	30°	28.1	24.5	21.0	17.5	12.9	9.4	5.8	1.2	1.2	1.2
0.0	32.5°	23.4	19.9	15.2	11.7	9.4	5.8	3.5	0.0	0.0	0.0
0.0	35°	18.7	15.2	10.5	7.0	5.8	3.5	2.3	0.0	0.0	0.0
0.0	37.5°	16.4	12.9	8.2	3.5	2.3	2.3	1.2	0.0	0.0	0.0
0.0	40°	15.2	10.5	5.8	1.2	1.2	1.2	0.0	0.0	0.0	0.0
0.0	42.5°	15.2	10.5	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	15.2	10.5	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	15.2	10.5	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	16.4	11.7	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	18.7	14.0	9.4	4.7	3.5	2.3	1.2	0.0	0.0	0.0
0.0	55°	23.4	21.0	17.5	15.2	11.7	8.2	3.5	0.0	0.0	0.0
0.0	57.5°	30.4	30.4	29.2	28.1	21.0	14.0	7.0	0.0	0.0	0.0
0.0	60°	40.9	40.9	40.9	40.9	30.4	21.0	10.5	0.0	0.0	0.0
0.0	62.5°	50.3	47.9	44.4	42.1	31.6	21.0	10.5	0.0	0.0	0.0
0.0	65°	50.3	45.6	39.7	33.9	25.7	17.5	8.2	0.0	0.0	0.0
0.0	67.5°	46.8	37.4	26.9	17.5	12.9	9.4	4.7	0.0	0.0	0.0
	70°	46.8	32.7	18.7	4.7	3.5	2.3	1.2	0.0	0.0	0.0
	72.5°	46.8	31.6	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	51.4	35.1	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	51.4	35.1	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	45.6	30.4	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	15.2	10.5	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
0.0	2.5°	52.6	52.6	52.6	51.4	51.4	51.4	51.4	50.3	50.3	50.3
0.0	5°	47.9	47.9	46.8	46.8	45.6	45.6	44.4	44.4	43.3	43.3
0.0	7.5°	44.4	43.3	43.3	42.1	40.9	40.9	39.7	39.7	38.6	37.4
0.0	10°	40.9	39.7	39.7	38.6	37.4	36.2	36.2	35.1	33.9	32.7
0.0	12.5°	37.4	36.2	35.1	33.9	32.7	31.6	31.6	30.4	29.2	28.1
0.0	15°	32.7	31.6	30.4	29.2	28.1	26.9	26.9	25.7	24.5	23.4
0.0	17.5°	28.1	26.9	26.9	25.7	24.5	23.4	22.2	19.9	18.7	17.5
0.0	20°	21.0	19.9	18.7	17.5	16.4	14.0	12.9	10.5	8.2	7.0
0.0	22.5°	14.0	11.7	10.5	8.2	5.8	4.7	3.5	1.2	0.0	0.0
0.0	25°	4.7	3.5	2.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048859

CATALOG NUMBER: GALN-SA3C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1048859

CATALOG NUMBER: GALN-SA3C-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°	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
0.0	2.5°	49.1	49.1	49.1	47.9	47.9	47.9	47.9	47.9	47.9	47.9
0.0	5°	42.1	42.1	42.1	40.9	40.9	39.7	39.7	39.7	38.6	38.6
0.0	7.5°	36.2	35.1	35.1	33.9	33.9	32.7	32.7	32.7	31.6	31.6
0.0	10°	30.4	29.2	29.2	28.1	28.1	26.9	26.9	25.7	25.7	24.5
0.0	12.5°	26.9	25.7	24.5	23.4	23.4	22.2	21.0	21.0	19.9	18.7
0.0	15°	21.0	19.9	18.7	17.5	16.4	15.2	14.0	14.0	12.9	11.7
0.0	17.5°	14.0	11.7	10.5	9.4	9.4	8.2	7.0	5.8	4.7	3.5
0.0	20°	3.5	2.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA3C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1048859

CATALOG NUMBER: GALN-SA3C-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°	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
0.0	2.5°	47.9	46.8	46.8	46.8	47.9	47.9	47.9	47.9	47.9	47.9
0.0	5°	38.6	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
0.0	7.5°	31.6	30.4	30.4	30.4	30.4	29.2	29.2	29.2	29.2	29.2
0.0	10°	24.5	23.4	23.4	23.4	23.4	22.2	22.2	22.2	22.2	22.2
0.0	12.5°	17.5	17.5	16.4	16.4	16.4	15.2	15.2	15.2	15.2	14.0
0.0	15°	10.5	9.4	8.2	8.2	8.2	7.0	7.0	7.0	7.0	5.8
0.0	17.5°	2.3	2.3	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P1048859

CATALOG NUMBER: GALN-SA3C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048859

CATALOG NUMBER: GALN-SA3C-740-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
0.0	2.5°	49.1	49.1	50.3	50.3	51.4	53.8	54.9	56.1	58.4	60.8
0.0	5°	38.6	39.7	39.7	40.9	42.1	43.3	44.4	45.6	47.9	50.3
0.0	7.5°	30.4	30.4	31.6	31.6	32.7	35.1	36.2	37.4	39.7	43.3
0.0	10°	23.4	23.4	24.5	24.5	25.7	28.1	29.2	30.4	32.7	36.2
0.0	12.5°	15.2	16.4	16.4	17.5	18.7	21.0	22.2	23.4	25.7	28.1
0.0	15°	7.0	8.2	8.2	9.4	10.5	12.9	14.0	15.2	17.5	21.0
0.0	17.5°	1.2	1.2	2.3	2.3	3.5	4.7	5.8	7.0	10.5	12.9
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	4.7
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048859

CATALOG NUMBER: GALN-SA3C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1048859

CATALOG NUMBER: GALN-SA3C-740-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°	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
0.0	2.5°	64.3	66.6	69.0	71.3	73.6	76.0	77.2	79.5	80.7	81.8
0.0	5°	54.9	57.3	60.8	63.1	65.5	67.8	70.1	71.3	72.5	73.6
0.0	7.5°	47.9	50.3	53.8	56.1	58.4	60.8	63.1	65.5	66.6	67.8
0.0	10°	40.9	44.4	46.8	50.3	52.6	54.9	57.3	59.6	62.0	63.1
0.0	12.5°	32.7	36.2	39.7	42.1	45.6	49.1	51.4	53.8	56.1	58.4
0.0	15°	25.7	29.2	32.7	35.1	38.6	42.1	45.6	47.9	50.3	52.6
0.0	17.5°	18.7	22.2	25.7	28.1	31.6	35.1	37.4	40.9	43.3	45.6
0.0	20°	9.4	12.9	16.4	19.9	23.4	26.9	29.2	32.7	35.1	37.4
0.0	22.5°	1.2	4.7	8.2	10.5	14.0	17.5	19.9	23.4	25.7	28.1
0.0	25°	0.0	1.2	3.5	4.7	5.8	8.2	10.5	12.9	15.2	17.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.2	2.3	4.7	7.0	9.4
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.3
	85°	0.0	0.0	0.0	0.0	0.0	2.3	3.5	5.8	7.0	8.2
	87.5°	0.0	1.2	2.3	3.5	4.7	7.0	9.4	11.7	12.9	14.0
	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: P1048859

CATALOG NUMBER: GALN-SA3C-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
67.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.2											
4.7											
10.5											
15.2											
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REPORT NUMBER: P1048859

CATALOG NUMBER: GALN-SA3C-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°	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
0.0	2.5°	83.0	83.0	83.0	83.0	81.8	81.8	81.8	80.7	80.7	79.5
0.0	5°	76.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	76.0	76.0
0.0	7.5°	70.1	71.3	72.5	72.5	73.6	73.6	73.6	72.5	72.5	71.3
0.0	10°	66.6	67.8	67.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0
0.0	12.5°	62.0	63.1	64.3	64.3	65.5	65.5	65.5	65.5	64.3	64.3
0.0	15°	56.1	58.4	59.6	60.8	60.8	62.0	62.0	62.0	62.0	62.0
0.0	17.5°	51.4	53.8	54.9	56.1	56.1	57.3	57.3	58.4	58.4	58.4
0.0	20°	42.1	44.4	45.6	47.9	49.1	50.3	51.4	52.6	52.6	53.8
0.0	22.5°	32.7	35.1	36.2	38.6	39.7	40.9	42.1	43.3	44.4	45.6
0.0	25°	23.4	25.7	26.9	29.2	30.4	31.6	32.7	33.9	33.9	35.1
0.0	27.5°	12.9	15.2	17.5	18.7	21.0	22.2	23.4	24.5	25.7	26.9
0.0	30°	5.8	7.0	8.2	10.5	11.7	12.9	14.0	16.4	17.5	18.7
0.0	32.5°	0.0	0.0	1.2	3.5	4.7	5.8	7.0	8.2	8.2	9.4
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.3	3.5	4.7
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	2.3	2.3	2.3	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	82.5°	5.8	7.0	8.2	8.2	9.4	9.4	9.4	9.4	8.2	8.2
	85°	11.7	12.9	14.0	14.0	15.2	15.2	15.2	15.2	15.2	15.2
	87.5°	16.4	17.5	18.7	18.7	19.9	19.9	19.9	19.9	19.9	19.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048859

CATALOG NUMBER: GALN-SA3C-740-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
67.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
3.5											
8.2											
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19.9											
0.0											
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REPORT NUMBER: P1048859

CATALOG NUMBER: GALN-SA3C-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°	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
0.0	2.5°	78.3	78.3	77.2	77.2	77.2	77.2	77.2	78.3	79.5	79.5
0.0	5°	74.8	74.8	73.6	73.6	73.6	74.8	74.8	76.0	77.2	78.3
0.0	7.5°	71.3	70.1	70.1	71.3	71.3	72.5	72.5	73.6	74.8	76.0
0.0	10°	69.0	67.8	67.8	67.8	69.0	69.0	70.1	71.3	72.5	73.6
0.0	12.5°	64.3	64.3	64.3	64.3	65.5	65.5	66.6	67.8	70.1	71.3
0.0	15°	62.0	60.8	60.8	60.8	60.8	62.0	62.0	64.3	66.6	67.8
0.0	17.5°	57.3	57.3	56.1	56.1	57.3	57.3	58.4	60.8	63.1	64.3
0.0	20°	52.6	51.4	50.3	50.3	51.4	51.4	52.6	54.9	57.3	58.4
0.0	22.5°	45.6	44.4	44.4	44.4	44.4	45.6	45.6	47.9	51.4	53.8
0.0	25°	36.2	37.4	37.4	38.6	38.6	39.7	40.9	43.3	46.8	49.1
0.0	27.5°	28.1	29.2	29.2	31.6	32.7	33.9	35.1	38.6	42.1	44.4
0.0	30°	21.0	22.2	23.4	24.5	26.9	29.2	31.6	35.1	38.6	40.9
0.0	32.5°	12.9	15.2	16.4	18.7	21.0	23.4	25.7	29.2	33.9	37.4
0.0	35°	9.4	10.5	12.9	14.0	16.4	18.7	21.0	25.7	29.2	33.9
0.0	37.5°	4.7	7.0	9.4	11.7	14.0	16.4	18.7	23.4	28.1	31.6
0.0	40°	3.5	5.8	7.0	9.4	12.9	15.2	17.5	22.2	26.9	31.6
0.0	42.5°	2.3	3.5	4.7	8.2	10.5	14.0	17.5	22.2	26.9	31.6
0.0	45°	2.3	2.3	3.5	7.0	10.5	15.2	18.7	23.4	26.9	31.6
0.0	47.5°	2.3	3.5	4.7	9.4	11.7	15.2	18.7	22.2	26.9	30.4
0.0	50°	3.5	4.7	5.8	10.5	12.9	16.4	18.7	23.4	26.9	31.6
0.0	52.5°	2.3	3.5	4.7	9.4	12.9	17.5	21.0	25.7	30.4	33.9
0.0	55°	1.2	1.2	1.2	7.0	14.0	19.9	26.9	30.4	35.1	38.6
0.0	57.5°	0.0	0.0	0.0	4.7	14.0	22.2	30.4	35.1	39.7	43.3
0.0	60°	0.0	0.0	0.0	4.7	14.0	22.2	30.4	36.2	42.1	47.9
0.0	62.5°	0.0	0.0	0.0	4.7	11.7	18.7	25.7	35.1	45.6	54.9
0.0	65°	0.0	0.0	0.0	3.5	9.4	15.2	21.0	35.1	49.1	62.0
0.0	67.5°	0.0	0.0	0.0	3.5	9.4	14.0	19.9	35.1	49.1	64.3
	70°	0.0	0.0	0.0	3.5	9.4	15.2	21.0	35.1	49.1	63.1
	72.5°	0.0	0.0	0.0	3.5	10.5	16.4	23.4	35.1	46.8	58.4
	75°	0.0	0.0	0.0	4.7	10.5	17.5	24.5	35.1	45.6	54.9
	77.5°	0.0	0.0	0.0	3.5	10.5	16.4	23.4	33.9	44.4	53.8
	80°	3.5	2.3	2.3	5.8	10.5	15.2	19.9	30.4	42.1	52.6
	82.5°	7.0	7.0	5.8	8.2	10.5	14.0	17.5	26.9	37.4	46.8
	85°	14.0	14.0	12.9	14.0	14.0	15.2	16.4	21.0	25.7	30.4
	87.5°	18.7	18.7	17.5	17.5	17.5	16.4	16.4	16.4	16.4	15.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048859

CATALOG NUMBER: GALN-SA3C-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
67.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.2											
70.1											
65.5											
64.3											
63.1											
56.1											
35.1											
15.2											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1048859

CATALOG NUMBER: GALN-SA3C-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°	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
0.0	2.5°	81.8	83.0	83.0	84.2	85.3	86.5	86.5	87.7	87.7	87.7
0.0	5°	80.7	83.0	84.2	85.3	86.5	87.7	88.8	90.0	91.2	91.2
0.0	7.5°	79.5	80.7	83.0	84.2	86.5	87.7	90.0	91.2	92.3	93.5
0.0	10°	77.2	79.5	81.8	84.2	86.5	88.8	91.2	93.5	95.9	97.0
0.0	12.5°	74.8	78.3	80.7	83.0	86.5	90.0	92.3	95.9	98.2	100.5
0.0	15°	73.6	76.0	79.5	81.8	86.5	91.2	94.7	99.4	104.0	107.5
0.0	17.5°	70.1	74.8	78.3	81.8	86.5	92.3	97.0	101.7	108.7	115.7
0.0	20°	65.5	69.0	73.6	77.2	84.2	90.0	97.0	102.9	113.4	123.9
0.0	22.5°	60.8	65.5	69.0	73.6	81.8	88.8	97.0	104.0	121.6	137.9
0.0	25°	56.1	62.0	66.6	71.3	80.7	90.0	99.4	108.7	137.9	167.2
0.0	27.5°	53.8	58.4	64.3	69.0	80.7	93.5	105.2	116.9	163.7	209.2
0.0	30°	50.3	56.1	60.8	66.6	81.8	97.0	112.2	127.4	198.7	270.0
0.0	32.5°	46.8	52.6	58.4	64.3	84.2	104.0	122.7	142.6	236.1	328.5
0.0	35°	43.3	50.3	56.1	62.0	87.7	114.6	140.3	166.0	270.0	372.9
0.0	37.5°	42.1	49.1	54.9	60.8	88.8	115.7	143.8	170.7	273.5	376.4
0.0	40°	43.3	49.1	56.1	62.0	85.3	108.7	130.9	154.3	261.8	368.2
0.0	42.5°	43.3	50.3	57.3	64.3	83.0	101.7	120.4	139.1	258.3	377.6
0.0	45°	42.1	49.1	56.1	63.1	80.7	97.0	114.6	130.9	279.4	426.7
0.0	47.5°	40.9	47.9	54.9	62.0	79.5	97.0	114.6	132.1	361.2	589.1
0.0	50°	40.9	47.9	53.8	59.6	80.7	102.9	123.9	144.9	526.0	905.9
0.0	52.5°	43.3	49.1	53.8	58.4	83.0	108.7	133.3	157.8	668.6	1178.3
0.0	55°	46.8	50.3	54.9	58.4	88.8	118.1	148.5	177.7	711.9	1246.1
0.0	57.5°	51.4	54.9	58.4	62.0	99.4	136.8	173.0	210.4	715.4	1219.2
0.0	60°	57.3	62.0	65.5	69.0	108.7	149.6	189.4	229.1	647.6	1064.9
0.0	62.5°	70.1	76.0	80.7	86.5	125.1	162.5	201.1	238.5	537.7	837.0
0.0	65°	80.7	85.3	90.0	94.7	132.1	170.7	208.1	245.5	455.9	666.3
0.0	67.5°	83.0	87.7	91.2	95.9	134.4	173.0	210.4	249.0	390.4	530.7
	70°	84.2	90.0	97.0	102.9	142.6	182.4	220.9	260.7	346.0	431.3
	72.5°	80.7	92.3	102.9	113.4	150.8	187.0	224.4	260.7	321.5	382.2
	75°	80.7	97.0	112.2	127.4	155.5	182.4	210.4	237.3	284.1	330.8
	77.5°	85.3	106.4	127.4	148.5	164.8	180.0	196.4	211.6	242.0	272.4
	80°	85.3	107.5	128.6	150.8	157.8	166.0	173.0	180.0	183.5	187.0
	82.5°	73.6	91.2	108.7	126.2	118.1	109.9	101.7	93.5	87.7	80.7
	85°	37.4	40.9	43.3	45.6	42.1	38.6	35.1	31.6	29.2	25.7
	87.5°	15.2	15.2	14.0	14.0	14.0	14.0	12.9	12.9	12.9	12.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048859

CATALOG NUMBER: GALN-SA3C-740-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
67.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
249.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
346.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
468.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
585.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
665.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
724.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
784.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
901.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1135.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1730.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2650.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3336.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3412.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3079.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2632.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2057.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1554.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1147.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
812.4											
604.3											
439.5											
330.8											
185.9											
84.2											
24.5											
11.7											
0.0											
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REPORT NUMBER: P1048859

CATALOG NUMBER: GALN-SA3C-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°	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
0.0	2.5°	87.7	86.5	86.5	85.3	84.2	83.0	81.8	80.7	79.5	78.3
0.0	5°	91.2	91.2	91.2	90.0	90.0	88.8	88.8	87.7	86.5	85.3
0.0	7.5°	94.7	95.9	95.9	97.0	97.0	97.0	97.0	95.9	95.9	95.9
0.0	10°	100.5	101.7	102.9	104.0	105.2	106.4	106.4	107.5	107.5	107.5
0.0	12.5°	107.5	111.0	113.4	116.9	119.2	122.7	125.1	128.6	130.9	133.3
0.0	15°	118.1	123.9	130.9	136.8	142.6	150.8	160.1	168.3	176.5	189.4
0.0	17.5°	133.3	152.0	170.7	188.2	206.9	247.8	288.7	328.5	369.4	429.0
0.0	20°	162.5	218.6	273.5	329.6	384.6	528.4	671.0	814.8	957.4	1110.5
0.0	22.5°	227.9	365.9	503.8	641.7	779.7	1080.1	1379.4	1679.8	1979.0	2330.9
0.0	25°	330.8	584.5	838.1	1090.6	1344.3	1814.2	2285.3	2755.2	3225.1	3682.2
0.0	27.5°	481.6	869.7	1257.8	1644.7	2032.8	2669.9	3308.1	3945.2	4582.2	5098.9
0.0	30°	667.5	1193.5	1719.5	2245.5	2771.6	3496.3	4221.0	4944.6	5669.4	6234.0
0.0	32.5°	842.8	1486.9	2131.0	2773.9	3418.0	4243.3	5069.7	5895.0	6720.2	7337.4
0.0	35°	957.4	1735.9	2515.6	3294.1	4072.6	4965.7	5858.7	6750.6	7643.7	8348.6
0.0	37.5°	1071.9	1970.8	2868.6	3767.5	4665.2	5646.0	6626.7	7607.5	8588.2	9459.1
0.0	40°	1200.5	2254.9	3308.1	4362.5	5415.7	6577.6	7738.4	8900.3	10061.1	11289.6
0.0	42.5°	1423.8	2726.0	4029.3	5331.5	6633.7	8170.9	9708.1	11244.0	12781.2	14534.6
0.0	45°	1843.4	3678.7	5515.1	7350.3	9185.5	11221.8	13259.3	15295.6	17331.9	19665.1
0.0	47.5°	2870.9	5395.8	7919.6	10444.5	12968.2	15167.0	17364.6	19563.4	21761.0	24084.9
0.0	50°	4392.9	7331.6	10270.3	13207.9	16146.6	18136.1	20124.5	22114.0	24102.4	26312.9
0.0	52.5°	5494.0	8555.5	11618.1	14679.6	17741.0	19536.5	21333.2	23128.7	24924.2	26989.7
0.0	55°	5577.0	8620.9	11666.0	14710.0	17753.9	19557.6	21361.2	23164.9	24968.6	27158.0
0.0	57.5°	4937.6	7957.0	10975.2	13994.6	17012.8	19066.6	21119.3	23173.1	25225.8	27592.9
0.0	60°	4200.0	7220.6	10239.9	13260.5	16279.8	18645.8	21012.9	23378.8	25744.8	27962.2
0.0	62.5°	3276.5	6383.6	9491.8	12598.8	15705.9	18108.1	20510.2	22911.2	25313.4	26976.8
0.0	65°	2441.9	5459.0	8476.0	11491.9	14508.9	16433.0	18357.1	20280.0	22204.0	23233.9
0.0	67.5°	1765.1	4367.2	6968.1	9570.1	12171.0	13548.0	14925.0	16300.9	17677.9	18465.8
	70°	1193.5	2996.0	4797.3	6599.8	8401.2	9532.7	10665.4	11797.0	12928.5	13992.2
	72.5°	826.4	1838.7	2852.2	3864.5	4876.8	6015.4	7152.8	8291.3	9428.7	10554.4
	75°	548.2	1008.8	1470.5	1931.1	2391.7	3234.5	4078.4	4921.2	5764.0	6435.0
	77.5°	389.3	527.2	666.3	804.2	942.2	1100.0	1258.9	1416.8	1574.6	1814.2
	80°	184.7	202.2	219.8	236.1	253.7	310.9	368.2	425.5	482.8	543.6
	82.5°	87.7	94.7	101.7	107.5	114.6	120.4	126.2	132.1	137.9	132.1
	85°	23.4	23.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	23.4
	87.5°	10.5	10.5	10.5	10.5	10.5	10.5	10.5	9.4	9.4	8.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048859

CATALOG NUMBER: GALN-SA3C-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
67.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
203.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
487.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1264.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2682.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4139.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5615.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6799.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7955.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9053.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10331.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12518.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16288.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21998.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26408.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28523.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29055.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29348.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29960.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30178.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28641.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24264.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19254.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15054.8											
11680.1											
7106.0											
2053.8											
604.3											
125.1											
22.2											
8.2											
0.0											
0.0											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA3C-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
0.0	2.5°	76.0	74.8	73.6	72.5	71.3	69.0	69.0	67.8	67.8
0.0	5°	83.0	81.8	80.7	79.5	79.5	78.3	77.2	77.2	76.0
0.0	7.5°	94.7	93.5	92.3	91.2	91.2	90.0	90.0	88.8	88.8
0.0	10°	108.7	108.7	108.7	108.7	108.7	107.5	107.5	107.5	106.4
0.0	12.5°	136.8	137.9	140.3	142.6	146.1	146.1	146.1	144.9	144.9
0.0	15°	216.3	229.1	238.5	247.8	256.0	274.7	272.4	268.9	266.5
0.0	17.5°	547.1	605.5	637.1	667.5	699.0	785.5	771.5	757.5	744.6
0.0	20°	1417.9	1571.1	1672.8	1774.5	1877.3	2039.8	2000.1	1960.3	1920.6
0.0	22.5°	3033.4	3385.3	3538.4	3691.5	3843.5	4039.9	3912.4	3785.0	3658.8
0.0	25°	4595.1	5052.2	5310.5	5568.8	5826.0	5938.2	5772.2	5605.1	5439.1
0.0	27.5°	6132.3	6648.9	6876.9	7103.7	7331.6	7566.6	7360.8	7153.9	6948.2
0.0	30°	7364.3	7928.9	8175.6	8421.1	8667.7	8831.4	8618.6	8404.7	8191.9
0.0	32.5°	8573.0	9190.2	9460.2	9730.3	9999.1	10234.1	9972.2	9709.2	9447.4
0.0	35°	9757.2	10462.0	10833.7	11205.5	11577.2	11795.8	11484.8	11172.7	10861.8
0.0	37.5°	11202.0	12072.8	12489.0	12905.1	13321.3	13719.9	13377.4	13033.7	12691.2
0.0	40°	13746.7	14975.3	15613.5	16253.0	16891.2	17405.5	16973.0	16540.5	16108.0
0.0	42.5°	18041.4	19794.9	20712.5	21628.9	22546.5	23349.6	22894.9	22440.2	21985.4
0.0	45°	24331.5	26664.7	27783.4	28900.9	30019.6	30606.4	29951.8	29296.0	28641.4
0.0	47.5°	28731.4	31055.3	32051.2	33047.1	34043.1	34712.9	33912.2	33111.4	32311.9
0.0	50°	30732.6	32943.1	33942.5	34940.8	35940.3	36472.1	35547.5	34621.7	33697.1
0.0	52.5°	31119.6	33185.1	34377.4	35570.9	36763.2	37473.9	36382.1	35289.2	34197.4
0.0	55°	31538.0	33727.5	35110.3	36494.3	37877.2	38861.5	37627.1	36391.5	35157.1
0.0	57.5°	32325.9	34693.0	36072.4	37450.5	38829.9	39665.7	38427.8	37188.7	35950.8
0.0	60°	32396.0	34612.4	35797.7	36984.1	38169.4	38695.5	37511.3	36326.0	35141.9
0.0	62.5°	30304.8	31968.2	32791.1	33614.1	34437.0	35008.6	33773.1	32536.3	31300.7
0.0	65°	25294.7	26324.6	26980.3	27636.1	28291.9	28973.4	27841.8	26710.3	25578.8
0.0	67.5°	20042.7	20830.5	21694.4	22558.2	23422.1	24150.3	23244.4	22337.3	21431.4
	70°	16118.5	17181.1	18152.5	19123.9	20095.3	20691.4	19782.0	18871.4	17962.0
	72.5°	12805.8	13931.4	14742.7	15552.8	16364.0	16510.1	15841.5	15172.9	14505.4
	75°	7775.8	8446.8	8463.1	8478.3	8494.7	8633.8	8079.7	7525.6	6972.7
	77.5°	2293.5	2533.1	2730.6	2927.0	3124.6	3363.0	3159.6	2955.1	2751.7
	80°	664.0	724.7	776.2	826.4	877.9	847.5	799.6	751.6	703.7
	82.5°	119.2	112.2	111.0	109.9	109.9	104.0	94.7	85.3	76.0
	85°	21.0	19.9	18.7	17.5	16.4	15.2	12.9	11.7	9.4
	87.5°	7.0	5.8	4.7	3.5	3.5	1.2	1.2	1.2	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048859

CATALOG NUMBER: GALN-SA3C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048859

CATALOG NUMBER: GALN-SA3C-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°	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
0.0	0.0	2.5°	66.6	65.5	65.5	65.5	65.5	64.3	64.3	64.3	64.3
0.0	0.0	5°	73.6	73.6	72.5	72.5	71.3	71.3	70.1	70.1	69.0
0.0	0.0	7.5°	86.5	85.3	84.2	83.0	81.8	79.5	78.3	77.2	77.2
0.0	0.0	10°	104.0	101.7	100.5	98.2	97.0	94.7	92.3	90.0	87.7
0.0	0.0	12.5°	136.8	132.1	128.6	123.9	119.2	115.7	111.0	107.5	102.9
0.0	0.0	15°	237.3	225.6	212.7	197.6	181.2	166.0	149.6	140.3	129.8
0.0	0.0	17.5°	606.7	545.9	483.9	433.7	383.4	334.3	284.1	247.8	211.6
0.0	0.0	20°	1544.2	1375.8	1207.5	1041.5	874.4	708.4	541.2	457.1	372.9
0.0	0.0	22.5°	2906.0	2593.9	2280.6	1977.8	1673.9	1371.2	1068.4	877.9	688.5
0.0	0.0	25°	4485.2	4092.5	3699.7	3201.7	2702.6	2204.6	1706.7	1396.9	1087.1
0.0	0.0	27.5°	5836.5	5384.1	4931.8	4326.3	3720.7	3115.2	2509.7	2048.0	1587.4
0.0	0.0	30°	7006.6	6520.4	6034.1	5329.2	4624.3	3919.5	3214.6	2637.1	2059.7
0.0	0.0	32.5°	8021.3	7439.1	6857.0	6129.9	5402.8	4675.8	3948.7	3240.3	2531.9
0.0	0.0	35°	9191.4	8512.2	7831.9	7025.3	6217.6	5411.0	4604.5	3804.9	3004.2
0.0	0.0	37.5°	10678.3	9844.8	9010.2	8111.3	7212.4	6314.6	5415.7	4501.6	3587.5
0.0	0.0	40°	13524.7	12449.2	11373.8	10231.7	9088.5	7946.5	6804.4	5682.2	4560.0
0.0	0.0	42.5°	18624.7	17171.7	15718.8	14199.1	12678.3	11158.7	9637.9	8055.2	6471.3
0.0	0.0	45°	24380.6	22578.1	20774.4	19068.9	17362.3	15656.8	13951.3	11779.4	9607.5
0.0	0.0	47.5°	27617.4	25671.1	23724.8	22110.5	20496.2	18881.9	17267.6	14926.2	12584.8
0.0	0.0	50°	28808.6	26827.2	24845.8	23360.1	21873.2	20387.5	18900.6	16555.7	14209.7
0.0	0.0	52.5°	29062.2	27041.1	25020.0	23524.9	22029.9	20536.0	19040.9	16711.2	14381.5
0.0	0.0	55°	29583.6	27415.2	25245.6	23541.3	21837.0	20132.7	18428.4	16061.3	13694.1
0.0	0.0	57.5°	30265.1	28041.7	25818.4	23876.8	21935.2	19994.7	18053.1	15465.1	12877.1
0.0	0.0	60°	30086.2	28151.6	26215.8	24136.3	22055.6	19976.0	17895.3	15049.0	12201.4
0.0	0.0	62.5°	26981.5	25440.8	23899.0	22188.8	20477.5	18767.4	17057.2	14126.7	11196.1
0.0	0.0	65°	22197.0	21072.5	19948.0	18572.1	17195.1	15819.3	14443.4	11815.7	9189.0
0.0	0.0	67.5°	17990.0	16722.9	15454.6	14358.1	13260.5	12164.0	11066.4	8998.5	6930.7
		70°	14292.6	12914.5	11535.1	10464.4	9392.4	8321.7	7250.9	5876.3	4502.8
		72.5°	11350.4	10107.8	8865.3	7723.2	6580.0	5437.9	4294.7	3482.3	2669.9
		75°	5425.1	4928.3	4431.5	3834.1	3236.8	2639.5	2042.1	1688.0	1334.9
		77.5°	2010.6	1742.9	1474.0	1230.9	987.8	745.8	502.6	460.6	418.5
		80°	520.2	453.5	385.8	337.8	288.7	240.8	192.9	174.2	156.6
		82.5°	59.6	54.9	51.4	49.1	45.6	43.3	39.7	36.2	32.7
		85°	3.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048859

CATALOG NUMBER: GALN-SA3C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048859

CATALOG NUMBER: GALN-SA3C-740-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	67.8	67.8
0.0	0.0	2.5°	63.1	62.0
0.0	0.0	5°	66.6	65.5
0.0	0.0	7.5°	73.6	71.3
0.0	0.0	10°	80.7	78.3
0.0	0.0	12.5°	91.2	87.7
0.0	0.0	15°	102.9	95.9
0.0	0.0	17.5°	122.7	107.5
0.0	0.0	20°	166.0	127.4
0.0	0.0	22.5°	233.8	159.0
0.0	0.0	25°	343.7	219.8
0.0	0.0	27.5°	478.1	292.2
0.0	0.0	30°	635.9	365.9
0.0	0.0	32.5°	775.0	436.0
0.0	0.0	35°	956.2	507.3
0.0	0.0	37.5°	1179.5	598.5
0.0	0.0	40°	1525.5	736.4
0.0	0.0	42.5°	2148.5	991.3
0.0	0.0	45°	3489.3	1713.7
0.0	0.0	47.5°	5368.9	2834.7
0.0	0.0	50°	6568.3	3617.9
0.0	0.0	52.5°	6666.5	3612.0
0.0	0.0	55°	6085.5	3211.1
0.0	0.0	57.5°	5192.4	2683.9
0.0	0.0	60°	4315.7	2122.8
0.0	0.0	62.5°	3400.5	1465.9
0.0	0.0	65°	2485.2	1036.9
0.0	0.0	67.5°	1785.0	775.0
		70°	1173.6	593.8
		72.5°	764.5	483.9
		75°	514.3	400.9
		77.5°	300.4	266.5
		80°	106.4	93.5
		82.5°	19.9	14.0
		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: P1048859

CATALOG NUMBER: GALN-SA3C-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

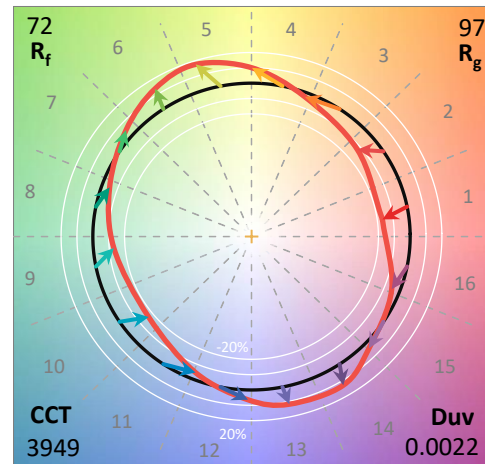
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

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

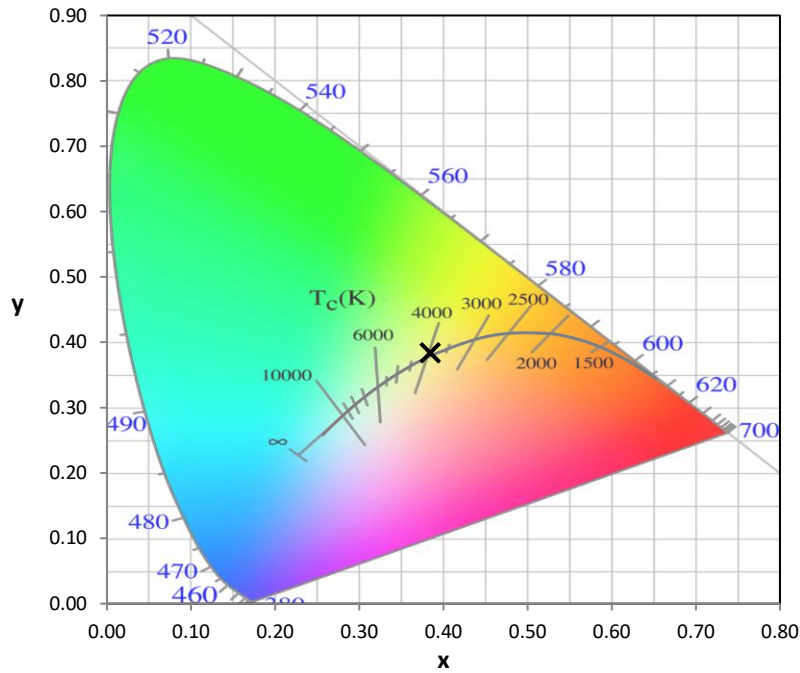
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

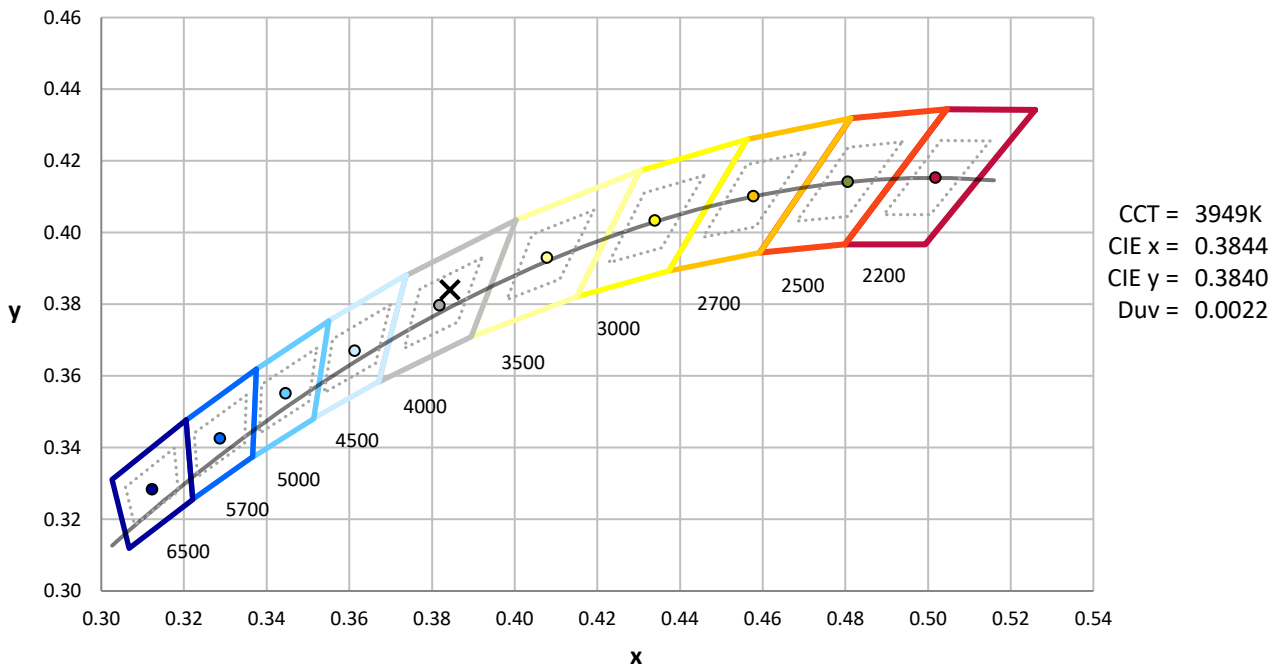
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



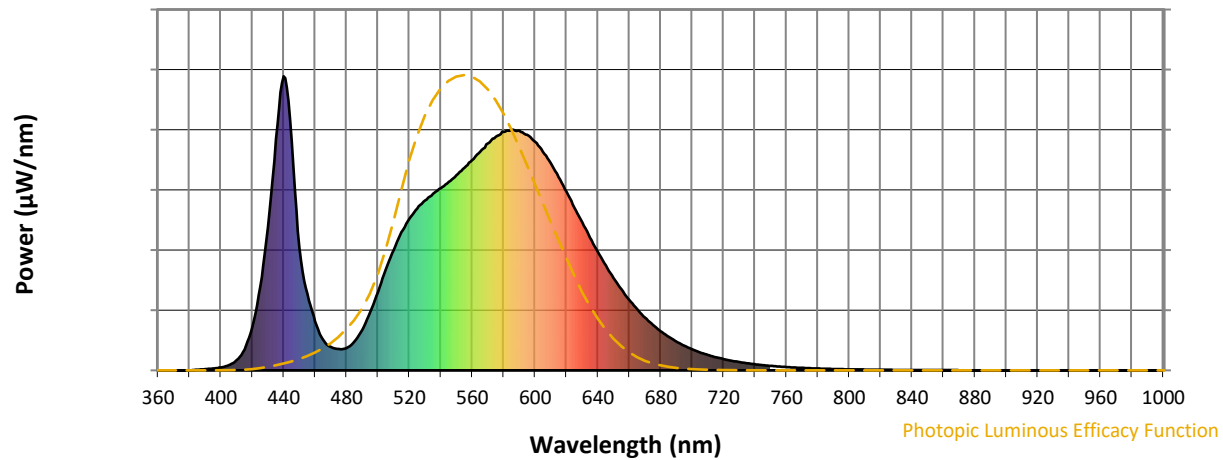
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

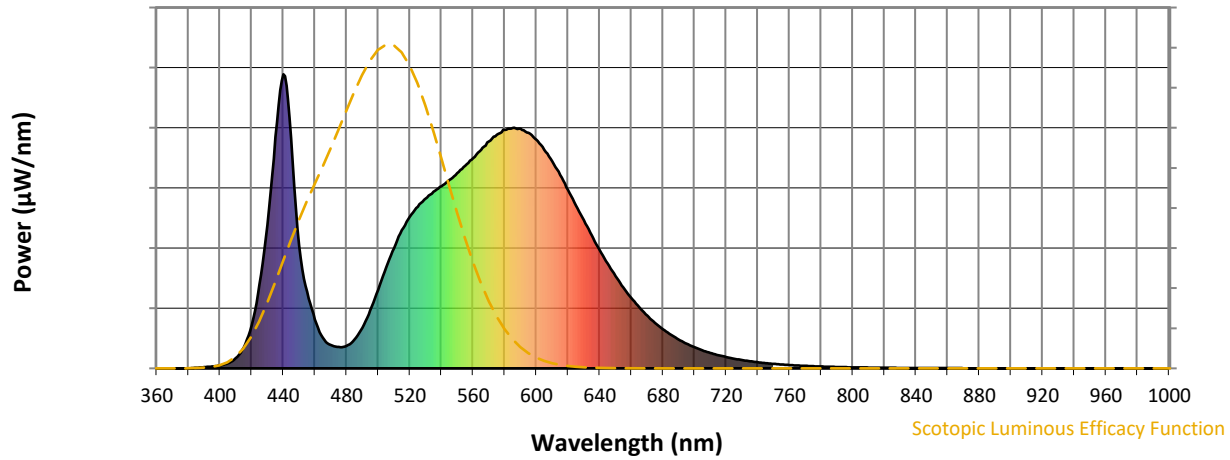


Photopic Lumens: NR

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



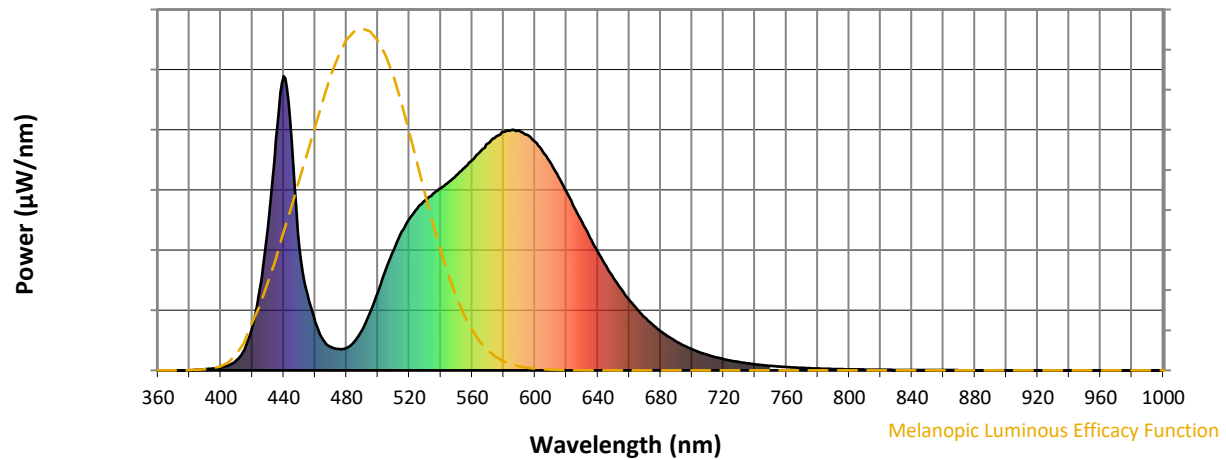
Scotopic Lumens: NR

S/P: 1.47

λ (nm)	Power 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

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

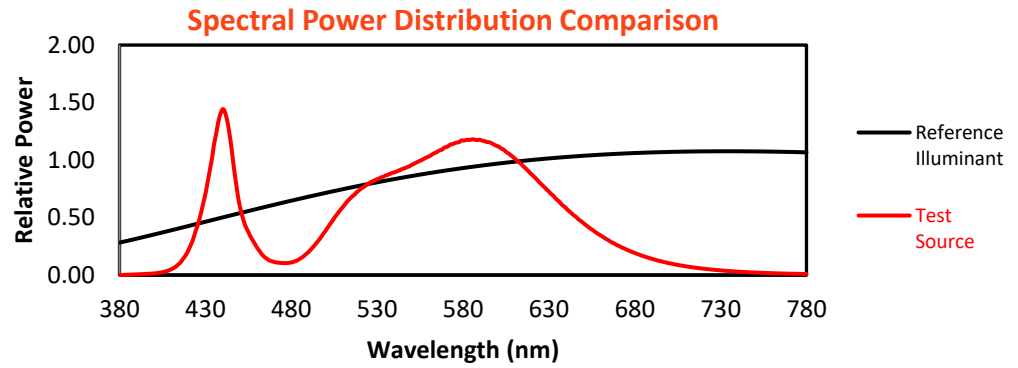
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	139	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

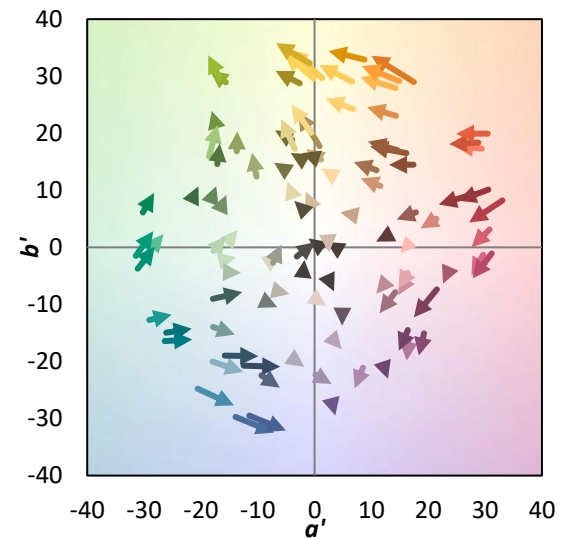
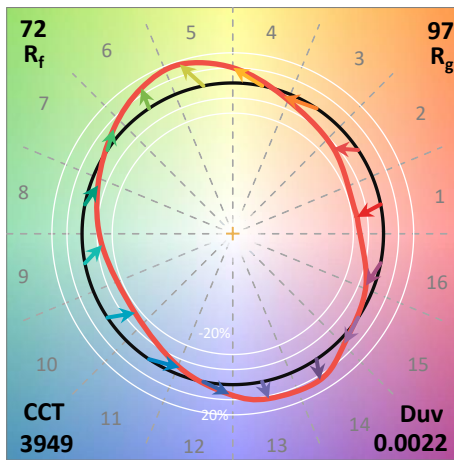
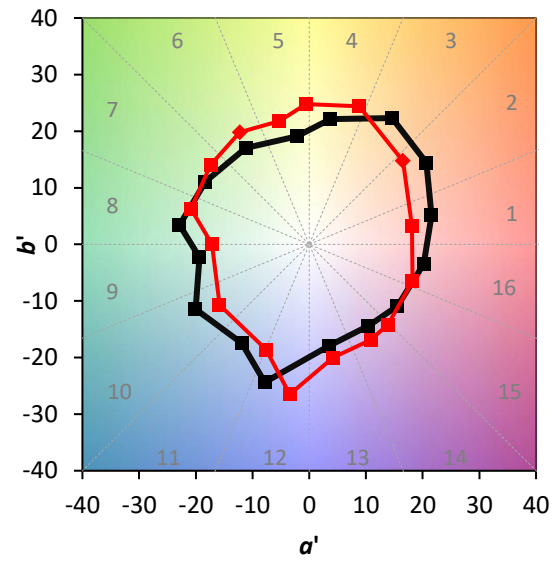
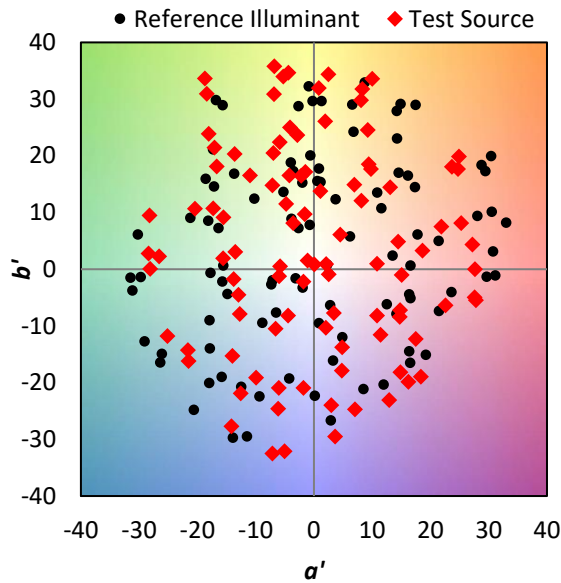
TM-30-18

Summary

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

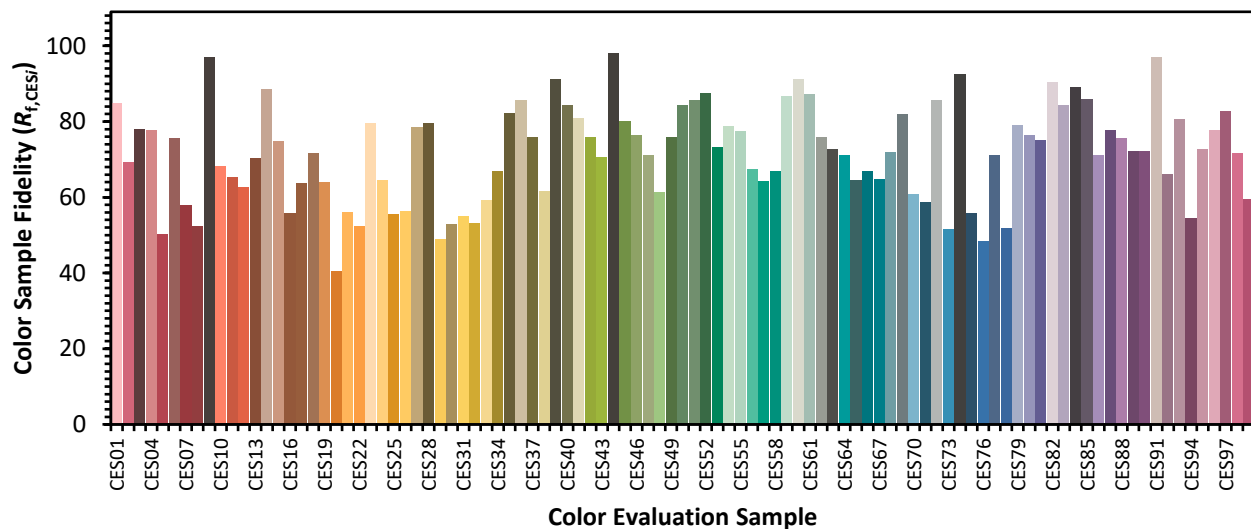


Color Vector Graphics

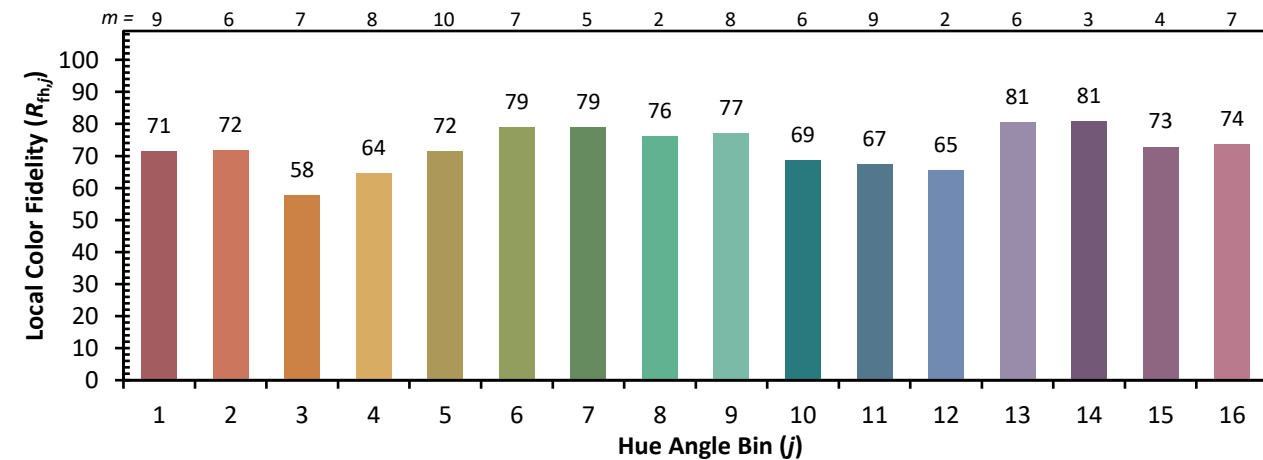
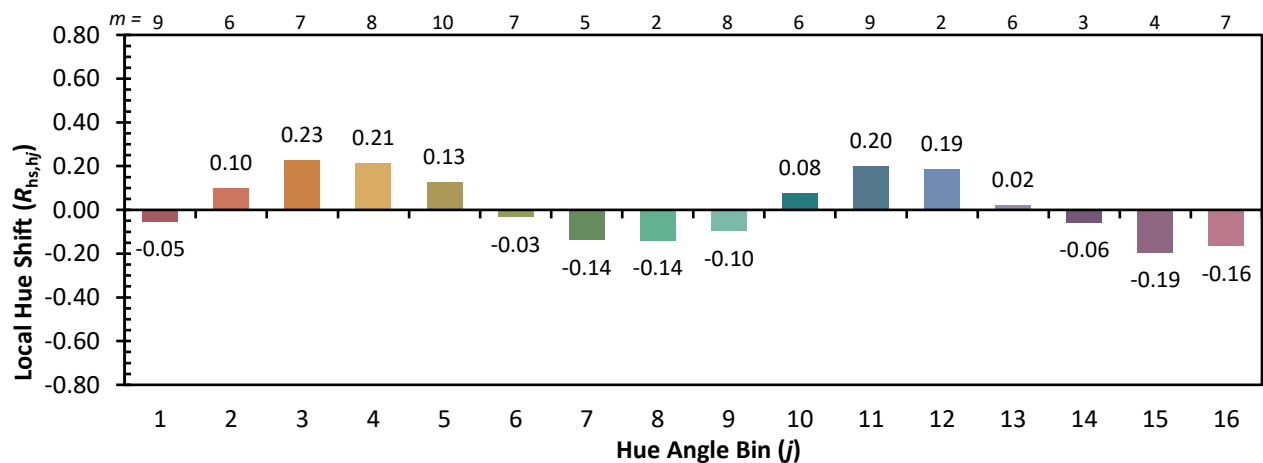
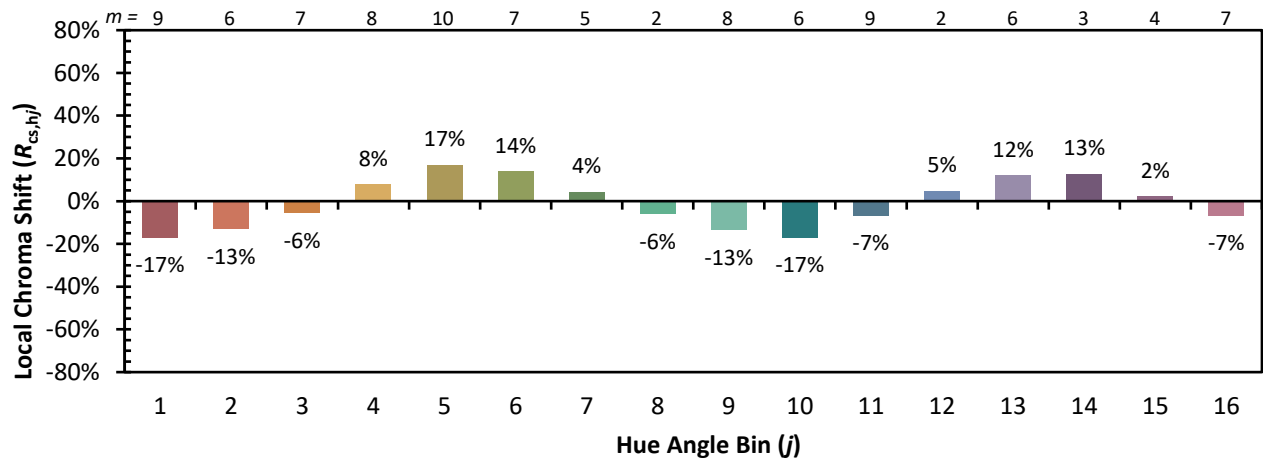


Individual Sample Fidelity Index ($R_{f,i}$)

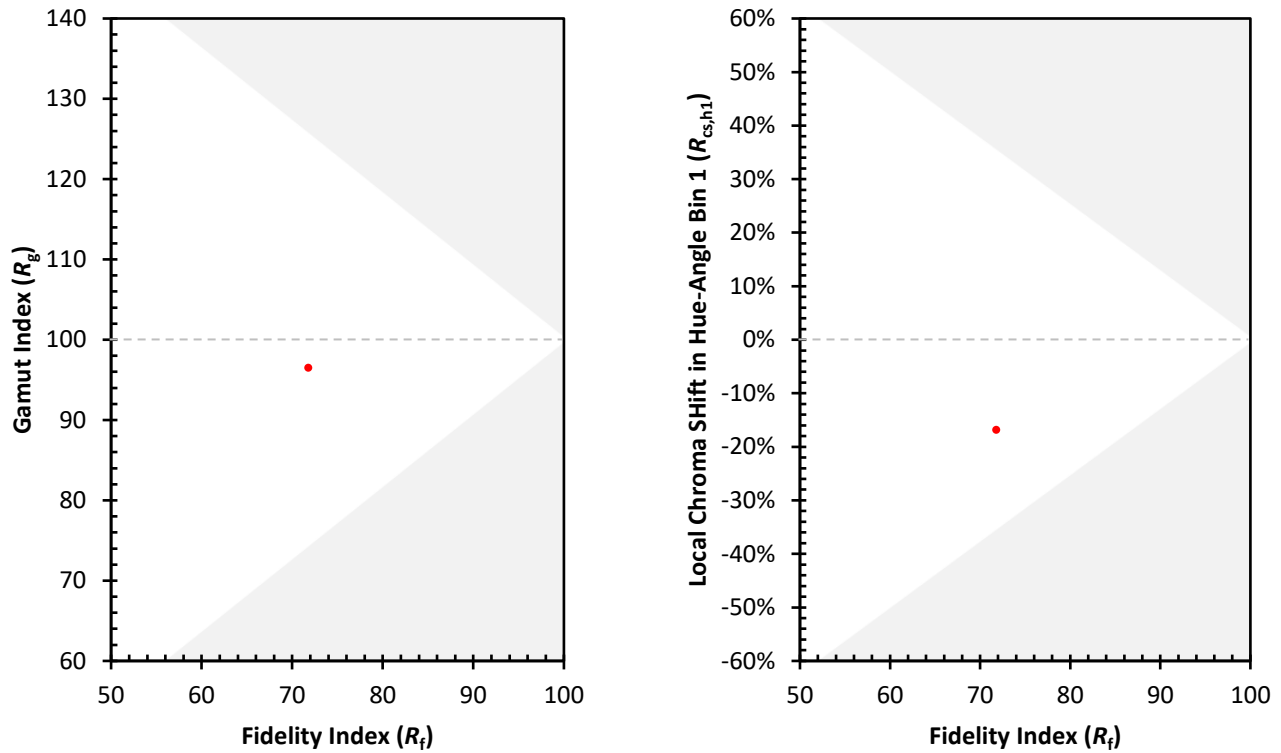
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 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)