

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: P1048850

Luminaire Tested: **GALN-SA1B-740-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048850
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1B-740-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
70CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (14) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

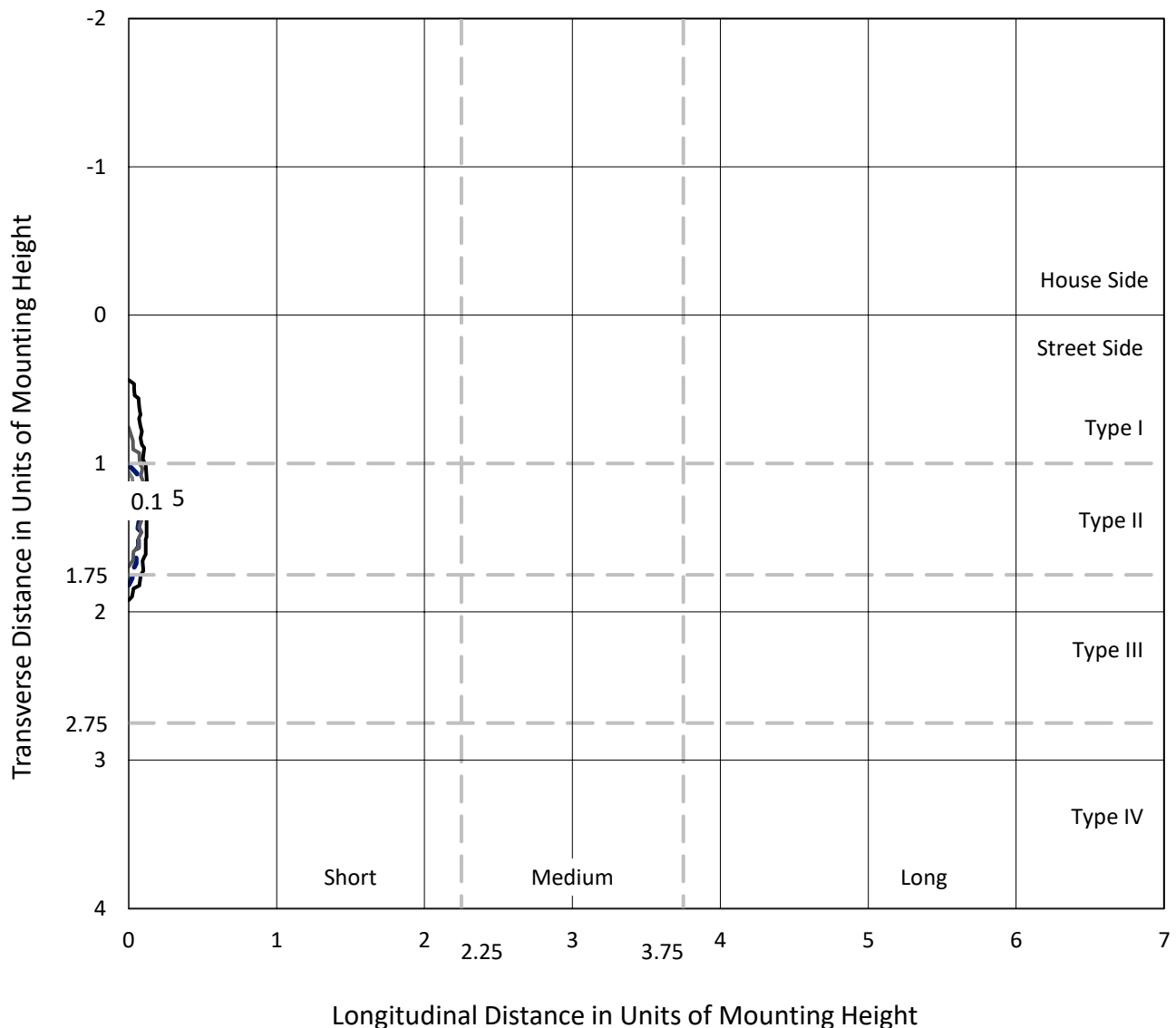
Lumens per Lamp: N/A
Luminaire Lumens: 4158.6 lumens
Efficiency: N/A
Efficacy: 107.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 38.7
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

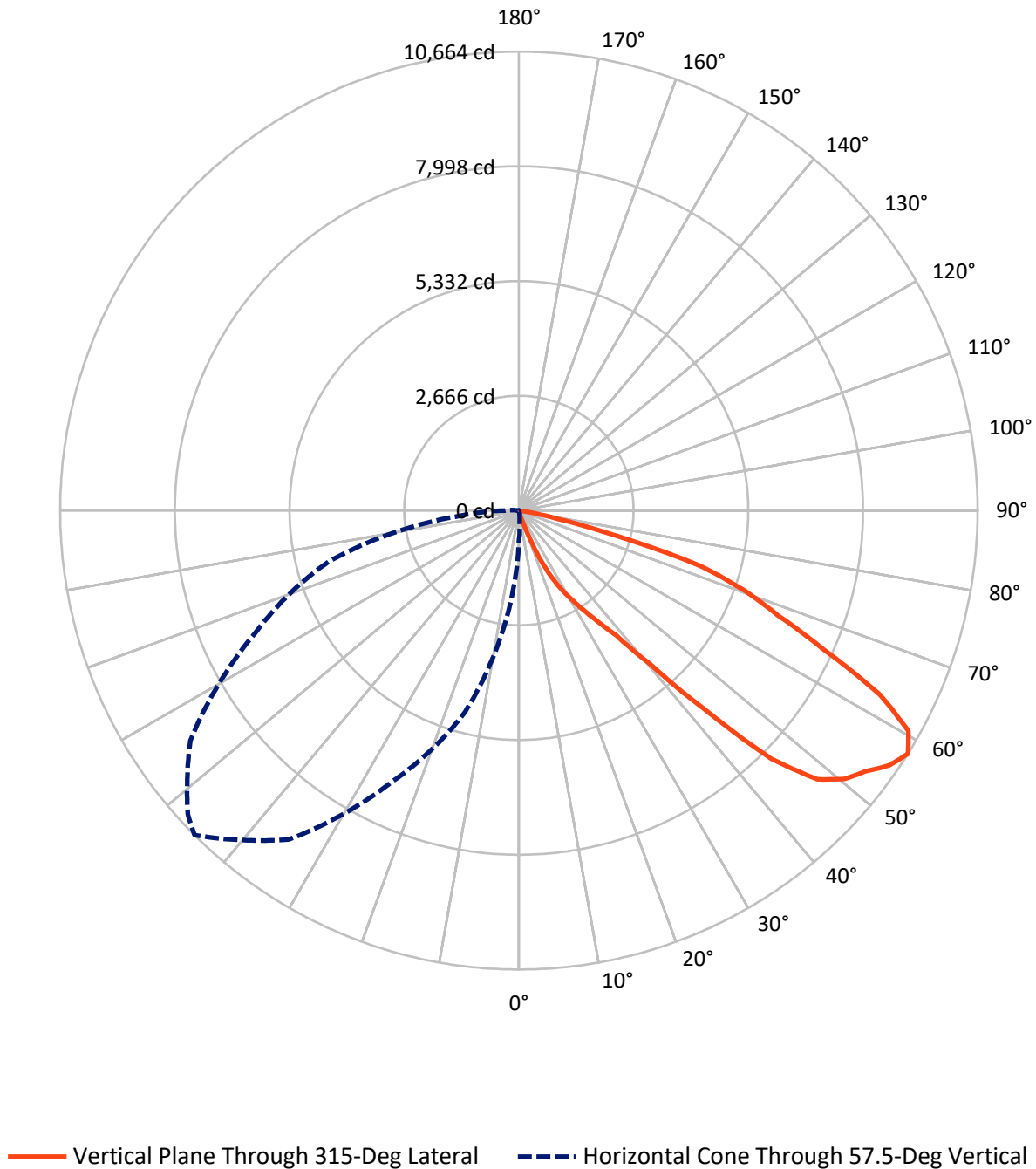
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 0.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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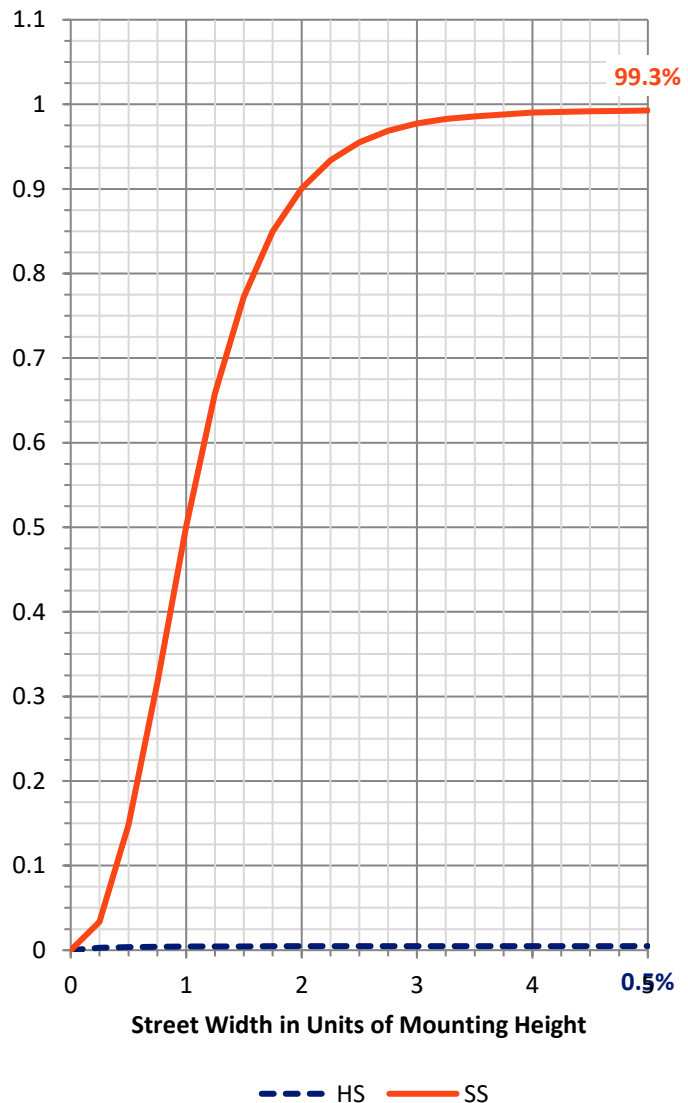
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	20.8	0.0	20.8
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	4137.7	0.0	4137.7
	% Fixture	99.5	0.0	99.5
Total	Lumens	4158.6	0.0	4158.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.6	0.0
10°-20°	9.1	0.2
20°-30°	98.6	2.4
30°-40°	291.4	7.0
40°-50°	868.6	20.9
50°-60°	1377.2	33.1
60°-70°	1149.6	27.6
70°-80°	354.5	8.5
80°-90°	7.9	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°	4158.6	100.0
0°-180°	4158.6	100.0



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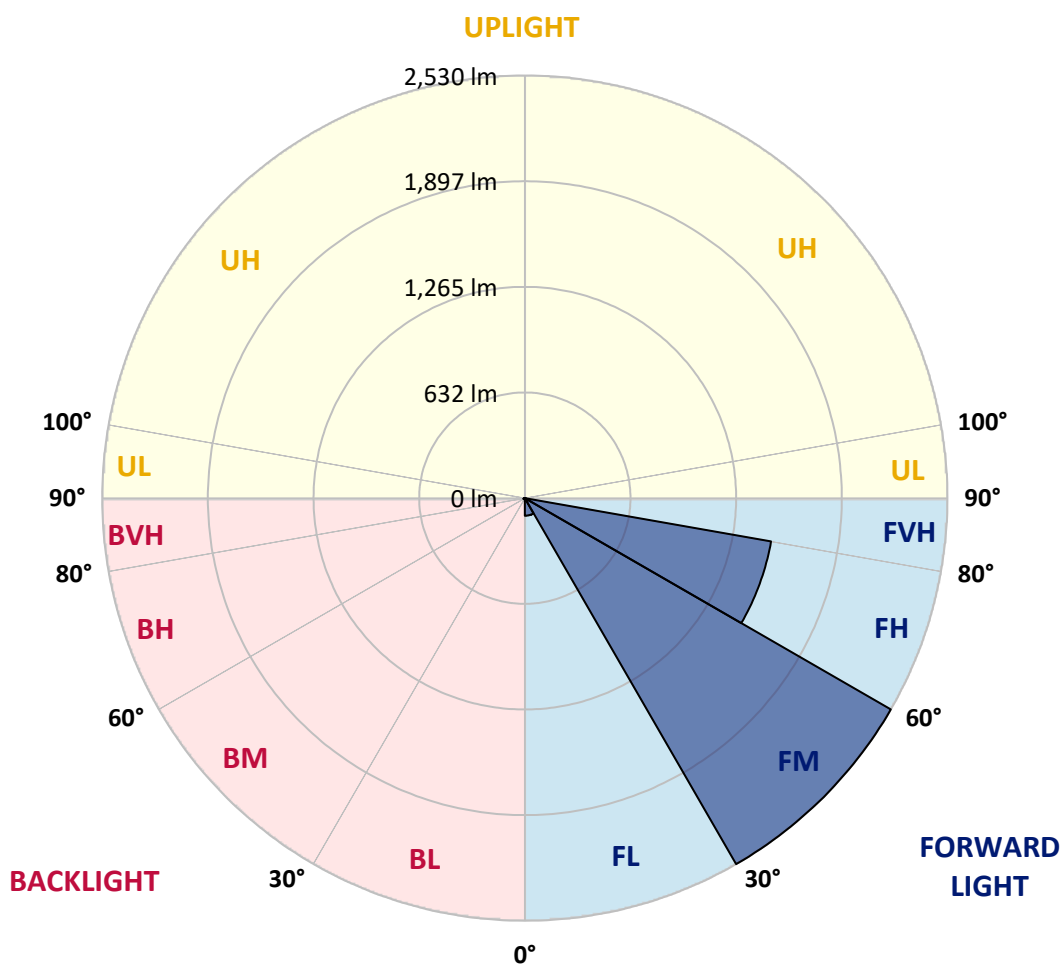
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	105.5	2.5			
FM	(30°-60°)	2529.8	60.8			
FH	(60°-80°)	1496.4	36.0			G1/1800
FVH	(80°-90°)	6.1	0.1			G0/10
BL	(0°-30°)	3.8	0.1	B0/110		
BM	(30°-60°)	7.4	0.2	B0/220		
BH	(60°-80°)	7.8	0.2	B0/110		G0/110
BVH	(80°-90°)	1.8	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-G1

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°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
2.5°	16.7	16.7	16.7	16.7	16.3	16.3	16.0	16.0	15.7	15.7
5°	17.6	17.6	17.3	17.0	17.0	16.7	16.3	16.0	16.0	15.7
7.5°	19.2	18.9	18.5	18.2	17.6	17.3	16.7	16.3	16.0	15.4
10°	21.1	20.4	19.8	19.2	18.5	17.9	17.3	17.0	16.3	16.0
12.5°	23.6	22.6	21.4	20.4	19.8	18.9	18.2	17.6	16.7	16.0
15°	25.8	24.5	22.9	21.7	20.7	19.5	18.5	17.6	17.0	16.0
17.5°	28.9	26.7	24.2	22.6	21.4	19.8	18.2	17.3	16.3	15.1
20°	34.3	29.9	25.1	23.3	21.4	19.5	17.6	16.3	15.4	14.1
22.5°	42.7	35.2	27.7	24.8	22.3	19.5	17.0	15.7	14.5	13.2
25°	59.1	45.6	32.1	28.3	24.5	20.7	17.0	15.4	14.1	12.6
27.5°	78.6	58.5	38.0	32.7	27.7	22.3	17.0	15.1	13.5	11.6
30°	98.4	71.7	44.6	37.7	30.8	23.9	17.0	14.8	12.9	10.7
32.5°	117.2	83.9	50.3	42.1	33.9	25.5	17.3	14.8	12.3	9.7
35°	136.4	94.0	51.2	42.7	34.3	25.5	17.0	14.1	11.6	8.8
37.5°	160.9	105.3	49.3	40.9	32.7	24.2	16.0	13.5	11.0	8.2
40°	198.0	124.1	50.3	41.5	32.7	23.9	15.1	12.6	10.4	7.9
42.5°	266.5	160.6	54.4	44.3	34.3	23.9	13.8	11.6	9.7	7.5
45°	460.7	266.8	72.9	57.8	42.7	27.7	12.6	10.7	9.1	7.2
47.5°	762.1	446.6	131.0	101.2	71.7	41.8	12.3	10.7	9.1	7.2
50°	972.6	568.8	165.0	127.0	88.9	50.9	12.9	11.0	9.4	7.5
52.5°	971.1	577.6	183.8	141.1	98.7	55.9	13.5	11.6	10.1	8.2
55°	863.3	525.4	187.3	143.9	100.9	57.5	14.5	12.6	10.7	8.8
57.5°	721.5	446.2	171.0	132.3	94.0	55.3	16.7	14.5	12.6	10.4
60°	570.7	352.0	133.2	105.3	77.6	49.7	22.0	19.2	16.7	13.8
62.5°	394.1	255.2	116.3	93.3	70.7	47.8	25.1	22.3	19.8	17.0
65°	278.7	192.0	105.0	85.5	66.3	46.8	27.3	24.2	21.4	18.2
67.5°	208.4	152.7	96.8	80.1	63.5	46.8	30.2	26.4	22.9	19.2
70°	159.6	125.4	90.8	77.3	64.1	50.6	37.1	31.7	26.7	21.4
72.5°	130.1	107.2	83.9	74.2	64.4	54.7	44.9	38.0	31.1	23.9
75°	107.8	91.8	75.7	67.6	59.7	51.5	43.4	37.1	31.1	24.8
77.5°	71.7	65.4	58.8	54.1	49.3	44.3	39.6	34.3	29.2	23.9
80°	25.1	24.2	23.3	25.1	27.0	28.9	30.8	27.0	23.6	19.8
82.5°	3.8	3.5	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3
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°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
0.0	2.5°	15.4	15.4	15.1	15.1	15.1	14.8	14.8	14.5	14.5	14.5
0.0	5°	15.1	15.1	14.8	14.5	14.1	14.1	13.8	13.5	13.5	13.2
0.0	7.5°	14.8	14.5	14.1	13.8	13.5	13.2	12.9	12.6	12.6	12.3
0.0	10°	15.1	14.5	14.1	13.5	13.2	12.9	12.3	11.9	11.6	11.6
0.0	12.5°	14.5	14.1	13.5	12.9	12.6	11.9	11.6	11.0	10.7	10.7
0.0	15°	14.5	13.8	12.9	12.3	11.6	11.3	10.7	10.1	9.7	9.4
0.0	17.5°	13.5	12.9	11.9	11.3	10.7	10.1	9.4	8.8	8.5	8.2
0.0	20°	12.3	11.6	10.7	9.7	9.1	8.5	7.9	7.2	6.9	6.6
0.0	22.5°	11.0	10.4	9.4	8.5	7.9	7.2	6.3	5.7	5.3	4.7
0.0	25°	10.4	9.4	8.5	7.5	6.6	6.0	5.0	4.1	3.5	2.8
0.0	27.5°	8.8	7.9	6.9	6.0	5.0	4.1	3.1	2.2	1.6	1.3
0.0	30°	7.5	6.6	5.7	4.7	3.5	2.5	1.6	0.3	0.3	0.3
0.0	32.5°	6.3	5.3	4.1	3.1	2.5	1.6	0.9	0.0	0.0	0.0
0.0	35°	5.0	4.1	2.8	1.9	1.6	0.9	0.6	0.0	0.0	0.0
0.0	37.5°	4.4	3.5	2.2	0.9	0.6	0.6	0.3	0.0	0.0	0.0
0.0	40°	4.1	2.8	1.6	0.3	0.3	0.3	0.0	0.0	0.0	0.0
0.0	42.5°	4.1	2.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	4.1	2.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	4.1	2.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	4.4	3.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	5.0	3.8	2.5	1.3	0.9	0.6	0.3	0.0	0.0	0.0
0.0	55°	6.3	5.7	4.7	4.1	3.1	2.2	0.9	0.0	0.0	0.0
0.0	57.5°	8.2	8.2	7.9	7.5	5.7	3.8	1.9	0.0	0.0	0.0
0.0	60°	11.0	11.0	11.0	11.0	8.2	5.7	2.8	0.0	0.0	0.0
0.0	62.5°	13.5	12.9	11.9	11.3	8.5	5.7	2.8	0.0	0.0	0.0
0.0	65°	13.5	12.3	10.7	9.1	6.9	4.7	2.2	0.0	0.0	0.0
0.0	67.5°	12.6	10.1	7.2	4.7	3.5	2.5	1.3	0.0	0.0	0.0
	70°	12.6	8.8	5.0	1.3	0.9	0.6	0.3	0.0	0.0	0.0
	72.5°	12.6	8.5	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	13.8	9.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	13.8	9.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	12.3	8.2	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	4.1	2.8	1.3	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°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
0.0	2.5°	14.1	14.1	14.1	13.8	13.8	13.8	13.8	13.5	13.5	13.5
0.0	5°	12.9	12.9	12.6	12.6	12.3	12.3	11.9	11.9	11.6	11.6
0.0	7.5°	11.9	11.6	11.6	11.3	11.0	11.0	10.7	10.7	10.4	10.1
0.0	10°	11.0	10.7	10.7	10.4	10.1	9.7	9.7	9.4	9.1	8.8
0.0	12.5°	10.1	9.7	9.4	9.1	8.8	8.5	8.5	8.2	7.9	7.5
0.0	15°	8.8	8.5	8.2	7.9	7.5	7.2	7.2	6.9	6.6	6.3
0.0	17.5°	7.5	7.2	7.2	6.9	6.6	6.3	6.0	5.3	5.0	4.7
0.0	20°	5.7	5.3	5.0	4.7	4.4	3.8	3.5	2.8	2.2	1.9
0.0	22.5°	3.8	3.1	2.8	2.2	1.6	1.3	0.9	0.3	0.0	0.0
0.0	25°	1.3	0.9	0.6	0.3	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: P1048850

CATALOG NUMBER: GALN-SA1B-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048850

CATALOG NUMBER: GALN-SA1B-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°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
0.0	2.5°	13.2	13.2	13.2	12.9	12.9	12.9	12.9	12.9	12.9	12.9
0.0	5°	11.3	11.3	11.3	11.0	11.0	10.7	10.7	10.7	10.4	10.4
0.0	7.5°	9.7	9.4	9.4	9.1	9.1	8.8	8.8	8.8	8.5	8.5
0.0	10°	8.2	7.9	7.9	7.5	7.5	7.2	7.2	6.9	6.9	6.6
0.0	12.5°	7.2	6.9	6.6	6.3	6.3	6.0	5.7	5.7	5.3	5.0
0.0	15°	5.7	5.3	5.0	4.7	4.4	4.1	3.8	3.8	3.5	3.1
0.0	17.5°	3.8	3.1	2.8	2.5	2.5	2.2	1.9	1.6	1.3	0.9
0.0	20°	0.9	0.6	0.3	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: P1048850

CATALOG NUMBER: GALN-SA1B-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048850

CATALOG NUMBER: GALN-SA1B-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°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
0.0	2.5°	12.9	12.6	12.6	12.6	12.9	12.9	12.9	12.9	12.9	12.9
0.0	5°	10.4	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
0.0	7.5°	8.5	8.2	8.2	8.2	8.2	7.9	7.9	7.9	7.9	7.9
0.0	10°	6.6	6.3	6.3	6.3	6.3	6.0	6.0	6.0	6.0	6.0
0.0	12.5°	4.7	4.7	4.4	4.4	4.4	4.1	4.1	4.1	4.1	3.8
0.0	15°	2.8	2.5	2.2	2.2	2.2	1.9	1.9	1.9	1.9	1.6
0.0	17.5°	0.6	0.6	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048850

CATALOG NUMBER: GALN-SA1B-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°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
0.0	2.5°	13.2	13.2	13.5	13.5	13.8	14.5	14.8	15.1	15.7	16.3
0.0	5°	10.4	10.7	10.7	11.0	11.3	11.6	11.9	12.3	12.9	13.5
0.0	7.5°	8.2	8.2	8.5	8.5	8.8	9.4	9.7	10.1	10.7	11.6
0.0	10°	6.3	6.3	6.6	6.6	6.9	7.5	7.9	8.2	8.8	9.7
0.0	12.5°	4.1	4.4	4.4	4.7	5.0	5.7	6.0	6.3	6.9	7.5
0.0	15°	1.9	2.2	2.2	2.5	2.8	3.5	3.8	4.1	4.7	5.7
0.0	17.5°	0.3	0.3	0.6	0.6	0.9	1.3	1.6	1.9	2.8	3.5
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.3
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048850

CATALOG NUMBER: GALN-SA1B-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°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
0.0	2.5°	17.3	17.9	18.5	19.2	19.8	20.4	20.7	21.4	21.7	22.0
0.0	5°	14.8	15.4	16.3	17.0	17.6	18.2	18.9	19.2	19.5	19.8
0.0	7.5°	12.9	13.5	14.5	15.1	15.7	16.3	17.0	17.6	17.9	18.2
0.0	10°	11.0	11.9	12.6	13.5	14.1	14.8	15.4	16.0	16.7	17.0
0.0	12.5°	8.8	9.7	10.7	11.3	12.3	13.2	13.8	14.5	15.1	15.7
0.0	15°	6.9	7.9	8.8	9.4	10.4	11.3	12.3	12.9	13.5	14.1
0.0	17.5°	5.0	6.0	6.9	7.5	8.5	9.4	10.1	11.0	11.6	12.3
0.0	20°	2.5	3.5	4.4	5.3	6.3	7.2	7.9	8.8	9.4	10.1
0.0	22.5°	0.3	1.3	2.2	2.8	3.8	4.7	5.3	6.3	6.9	7.5
0.0	25°	0.0	0.3	0.9	1.3	1.6	2.2	2.8	3.5	4.1	4.7
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.6	1.3	1.9	2.5
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
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	0.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6
	85°	0.0	0.0	0.0	0.0	0.0	0.6	0.9	1.6	1.9	2.2
	87.5°	0.0	0.3	0.6	0.9	1.3	1.9	2.5	3.1	3.5	3.8
	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

REPORT NUMBER: P1048850

CATALOG NUMBER: GALN-SA1B-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
18.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	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											
0.3											
1.3											
2.8											
4.1											
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REPORT NUMBER: P1048850

CATALOG NUMBER: GALN-SA1B-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°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
0.0	2.5°	22.3	22.3	22.3	22.3	22.0	22.0	22.0	21.7	21.7	21.4
0.0	5°	20.4	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.4	20.4
0.0	7.5°	18.9	19.2	19.5	19.5	19.8	19.8	19.8	19.5	19.5	19.2
0.0	10°	17.9	18.2	18.2	18.5	18.5	18.5	18.5	18.5	18.5	18.5
0.0	12.5°	16.7	17.0	17.3	17.3	17.6	17.6	17.6	17.6	17.3	17.3
0.0	15°	15.1	15.7	16.0	16.3	16.3	16.7	16.7	16.7	16.7	16.7
0.0	17.5°	13.8	14.5	14.8	15.1	15.1	15.4	15.4	15.7	15.7	15.7
0.0	20°	11.3	11.9	12.3	12.9	13.2	13.5	13.8	14.1	14.1	14.5
0.0	22.5°	8.8	9.4	9.7	10.4	10.7	11.0	11.3	11.6	11.9	12.3
0.0	25°	6.3	6.9	7.2	7.9	8.2	8.5	8.8	9.1	9.1	9.4
0.0	27.5°	3.5	4.1	4.7	5.0	5.7	6.0	6.3	6.6	6.9	7.2
0.0	30°	1.6	1.9	2.2	2.8	3.1	3.5	3.8	4.4	4.7	5.0
0.0	32.5°	0.0	0.0	0.3	0.9	1.3	1.6	1.9	2.2	2.2	2.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.3
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°	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9
	82.5°	1.6	1.9	2.2	2.2	2.5	2.5	2.5	2.5	2.2	2.2
	85°	3.1	3.5	3.8	3.8	4.1	4.1	4.1	4.1	4.1	4.1
	87.5°	4.4	4.7	5.0	5.0	5.3	5.3	5.3	5.3	5.3	5.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048850

CATALOG NUMBER: GALN-SA1B-740-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
18.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.9											
2.2											
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REPORT NUMBER: P1048850

CATALOG NUMBER: GALN-SA1B-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°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
0.0	2.5°	21.1	21.1	20.7	20.7	20.7	20.7	20.7	21.1	21.4	21.4
0.0	5°	20.1	20.1	19.8	19.8	19.8	20.1	20.1	20.4	20.7	21.1
0.0	7.5°	19.2	18.9	18.9	19.2	19.2	19.5	19.5	19.8	20.1	20.4
0.0	10°	18.5	18.2	18.2	18.2	18.5	18.5	18.9	19.2	19.5	19.8
0.0	12.5°	17.3	17.3	17.3	17.3	17.6	17.6	17.9	18.2	18.9	19.2
0.0	15°	16.7	16.3	16.3	16.3	16.3	16.7	16.7	17.3	17.9	18.2
0.0	17.5°	15.4	15.4	15.1	15.1	15.4	15.4	15.7	16.3	17.0	17.3
0.0	20°	14.1	13.8	13.5	13.5	13.8	13.8	14.1	14.8	15.4	15.7
0.0	22.5°	12.3	11.9	11.9	11.9	11.9	12.3	12.3	12.9	13.8	14.5
0.0	25°	9.7	10.1	10.1	10.4	10.4	10.7	11.0	11.6	12.6	13.2
0.0	27.5°	7.5	7.9	7.9	8.5	8.8	9.1	9.4	10.4	11.3	11.9
0.0	30°	5.7	6.0	6.3	6.6	7.2	7.9	8.5	9.4	10.4	11.0
0.0	32.5°	3.5	4.1	4.4	5.0	5.7	6.3	6.9	7.9	9.1	10.1
0.0	35°	2.5	2.8	3.5	3.8	4.4	5.0	5.7	6.9	7.9	9.1
0.0	37.5°	1.3	1.9	2.5	3.1	3.8	4.4	5.0	6.3	7.5	8.5
0.0	40°	0.9	1.6	1.9	2.5	3.5	4.1	4.7	6.0	7.2	8.5
0.0	42.5°	0.6	0.9	1.3	2.2	2.8	3.8	4.7	6.0	7.2	8.5
0.0	45°	0.6	0.6	0.9	1.9	2.8	4.1	5.0	6.3	7.2	8.5
0.0	47.5°	0.6	0.9	1.3	2.5	3.1	4.1	5.0	6.0	7.2	8.2
0.0	50°	0.9	1.3	1.6	2.8	3.5	4.4	5.0	6.3	7.2	8.5
0.0	52.5°	0.6	0.9	1.3	2.5	3.5	4.7	5.7	6.9	8.2	9.1
0.0	55°	0.3	0.3	0.3	1.9	3.8	5.3	7.2	8.2	9.4	10.4
0.0	57.5°	0.0	0.0	0.0	1.3	3.8	6.0	8.2	9.4	10.7	11.6
0.0	60°	0.0	0.0	0.0	1.3	3.8	6.0	8.2	9.7	11.3	12.9
0.0	62.5°	0.0	0.0	0.0	1.3	3.1	5.0	6.9	9.4	12.3	14.8
0.0	65°	0.0	0.0	0.0	0.9	2.5	4.1	5.7	9.4	13.2	16.7
0.0	67.5°	0.0	0.0	0.0	0.9	2.5	3.8	5.3	9.4	13.2	17.3
	70°	0.0	0.0	0.0	0.9	2.5	4.1	5.7	9.4	13.2	17.0
	72.5°	0.0	0.0	0.0	0.9	2.8	4.4	6.3	9.4	12.6	15.7
	75°	0.0	0.0	0.0	1.3	2.8	4.7	6.6	9.4	12.3	14.8
	77.5°	0.0	0.0	0.0	0.9	2.8	4.4	6.3	9.1	11.9	14.5
	80°	0.9	0.6	0.6	1.6	2.8	4.1	5.3	8.2	11.3	14.1
	82.5°	1.9	1.9	1.6	2.2	2.8	3.8	4.7	7.2	10.1	12.6
	85°	3.8	3.8	3.5	3.8	3.8	4.1	4.4	5.7	6.9	8.2
	87.5°	5.0	5.0	4.7	4.7	4.7	4.4	4.4	4.4	4.4	4.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048850

CATALOG NUMBER: GALN-SA1B-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
18.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.7											
18.9											
17.6											
17.3											
17.0											
15.1											
9.4											
4.1											
0.0											
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0.0											

REPORT NUMBER: P1048850

CATALOG NUMBER: GALN-SA1B-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°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
0.0	2.5°	22.0	22.3	22.3	22.6	22.9	23.3	23.3	23.6	23.6	23.6
0.0	5°	21.7	22.3	22.6	22.9	23.3	23.6	23.9	24.2	24.5	24.5
0.0	7.5°	21.4	21.7	22.3	22.6	23.3	23.6	24.2	24.5	24.8	25.1
0.0	10°	20.7	21.4	22.0	22.6	23.3	23.9	24.5	25.1	25.8	26.1
0.0	12.5°	20.1	21.1	21.7	22.3	23.3	24.2	24.8	25.8	26.4	27.0
0.0	15°	19.8	20.4	21.4	22.0	23.3	24.5	25.5	26.7	28.0	28.9
0.0	17.5°	18.9	20.1	21.1	22.0	23.3	24.8	26.1	27.3	29.2	31.1
0.0	20°	17.6	18.5	19.8	20.7	22.6	24.2	26.1	27.7	30.5	33.3
0.0	22.5°	16.3	17.6	18.5	19.8	22.0	23.9	26.1	28.0	32.7	37.1
0.0	25°	15.1	16.7	17.9	19.2	21.7	24.2	26.7	29.2	37.1	44.9
0.0	27.5°	14.5	15.7	17.3	18.5	21.7	25.1	28.3	31.4	44.0	56.3
0.0	30°	13.5	15.1	16.3	17.9	22.0	26.1	30.2	34.3	53.4	72.6
0.0	32.5°	12.6	14.1	15.7	17.3	22.6	28.0	33.0	38.3	63.5	88.3
0.0	35°	11.6	13.5	15.1	16.7	23.6	30.8	37.7	44.6	72.6	100.2
0.0	37.5°	11.3	13.2	14.8	16.3	23.9	31.1	38.7	45.9	73.5	101.2
0.0	40°	11.6	13.2	15.1	16.7	22.9	29.2	35.2	41.5	70.4	99.0
0.0	42.5°	11.6	13.5	15.4	17.3	22.3	27.3	32.4	37.4	69.5	101.5
0.0	45°	11.3	13.2	15.1	17.0	21.7	26.1	30.8	35.2	75.1	114.7
0.0	47.5°	11.0	12.9	14.8	16.7	21.4	26.1	30.8	35.5	97.1	158.4
0.0	50°	11.0	12.9	14.5	16.0	21.7	27.7	33.3	39.0	141.4	243.6
0.0	52.5°	11.6	13.2	14.5	15.7	22.3	29.2	35.8	42.4	179.8	316.8
0.0	55°	12.6	13.5	14.8	15.7	23.9	31.7	39.9	47.8	191.4	335.0
0.0	57.5°	13.8	14.8	15.7	16.7	26.7	36.8	46.5	56.6	192.3	327.8
0.0	60°	15.4	16.7	17.6	18.5	29.2	40.2	50.9	61.6	174.1	286.3
0.0	62.5°	18.9	20.4	21.7	23.3	33.6	43.7	54.1	64.1	144.6	225.0
0.0	65°	21.7	22.9	24.2	25.5	35.5	45.9	55.9	66.0	122.6	179.1
0.0	67.5°	22.3	23.6	24.5	25.8	36.1	46.5	56.6	66.9	105.0	142.7
	70°	22.6	24.2	26.1	27.7	38.3	49.0	59.4	70.1	93.0	116.0
	72.5°	21.7	24.8	27.7	30.5	40.5	50.3	60.3	70.1	86.4	102.8
	75°	21.7	26.1	30.2	34.3	41.8	49.0	56.6	63.8	76.4	88.9
	77.5°	22.9	28.6	34.3	39.9	44.3	48.4	52.8	56.9	65.1	73.2
	80°	22.9	28.9	34.6	40.5	42.4	44.6	46.5	48.4	49.3	50.3
	82.5°	19.8	24.5	29.2	33.9	31.7	29.5	27.3	25.1	23.6	21.7
	85°	10.1	11.0	11.6	12.3	11.3	10.4	9.4	8.5	7.9	6.9
	87.5°	4.1	4.1	3.8	3.8	3.8	3.8	3.5	3.5	3.5	3.5
	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: P1048850

CATALOG NUMBER: GALN-SA1B-740-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
18.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
194.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
242.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
305.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
465.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
712.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
896.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
917.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
827.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
707.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
553.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
418.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
308.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
218.4											
162.5											
118.2											
88.9											
50.0											
22.6											
6.6											
3.1											
0.0											
0.0											
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REPORT NUMBER: P1048850

CATALOG NUMBER: GALN-SA1B-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°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
0.0	2.5°	23.6	23.3	23.3	22.9	22.6	22.3	22.0	21.7	21.4	21.1
0.0	5°	24.5	24.5	24.5	24.2	24.2	23.9	23.9	23.6	23.3	22.9
0.0	7.5°	25.5	25.8	25.8	26.1	26.1	26.1	26.1	25.8	25.8	25.8
0.0	10°	27.0	27.3	27.7	28.0	28.3	28.6	28.6	28.9	28.9	28.9
0.0	12.5°	28.9	29.9	30.5	31.4	32.1	33.0	33.6	34.6	35.2	35.8
0.0	15°	31.7	33.3	35.2	36.8	38.3	40.5	43.1	45.3	47.5	50.9
0.0	17.5°	35.8	40.9	45.9	50.6	55.6	66.6	77.6	88.3	99.3	115.3
0.0	20°	43.7	58.8	73.5	88.6	103.4	142.0	180.4	219.0	257.4	298.5
0.0	22.5°	61.3	98.4	135.4	172.5	209.6	290.4	370.8	451.6	532.0	626.6
0.0	25°	88.9	157.1	225.3	293.2	361.4	487.7	614.4	740.7	867.0	989.9
0.0	27.5°	129.5	233.8	338.1	442.2	546.5	717.8	889.4	1060.6	1231.9	1370.8
0.0	30°	179.4	320.9	462.3	603.7	745.1	940.0	1134.8	1329.3	1524.2	1675.9
0.0	32.5°	226.6	399.7	572.9	745.7	918.9	1140.8	1362.9	1584.8	1806.7	1972.6
0.0	35°	257.4	466.7	676.3	885.6	1094.9	1335.0	1575.1	1814.9	2054.9	2244.4
0.0	37.5°	288.2	529.8	771.2	1012.9	1254.2	1517.9	1781.5	2045.2	2308.9	2543.0
0.0	40°	322.7	606.2	889.4	1172.8	1456.0	1768.3	2080.4	2392.8	2704.8	3035.1
0.0	42.5°	382.8	732.9	1083.3	1433.3	1783.4	2196.7	2609.9	3022.9	3436.1	3907.5
0.0	45°	495.6	989.0	1482.7	1976.1	2469.5	3016.9	3564.6	4112.1	4659.5	5286.8
0.0	47.5°	771.8	1450.6	2129.1	2807.9	3486.4	4077.5	4668.3	5259.5	5850.3	6475.0
0.0	50°	1181.0	1971.0	2761.1	3550.8	4340.9	4875.7	5410.3	5945.2	6479.7	7074.0
0.0	52.5°	1477.0	2300.1	3123.4	3946.5	4769.5	5252.2	5735.2	6217.9	6700.6	7255.9
0.0	55°	1499.3	2317.7	3136.3	3954.6	4773.0	5257.9	5742.8	6227.7	6712.6	7301.2
0.0	57.5°	1327.4	2139.2	2950.6	3762.3	4573.7	5125.9	5677.7	6229.9	6781.7	7418.1
0.0	60°	1129.1	1941.2	2752.9	3565.0	4376.7	5012.8	5649.1	6285.2	6921.3	7517.4
0.0	62.5°	880.9	1716.2	2551.8	3387.1	4222.4	4868.2	5514.0	6159.5	6805.3	7252.5
0.0	65°	656.5	1467.6	2278.7	3089.5	3900.6	4417.9	4935.1	5452.1	5969.4	6246.2
0.0	67.5°	474.5	1174.1	1873.3	2572.8	3272.1	3642.3	4012.5	4382.4	4752.6	4964.4
	70°	320.9	805.4	1289.7	1774.3	2258.6	2562.8	2867.3	3171.5	3475.7	3761.7
	72.5°	222.2	494.3	766.8	1038.9	1311.1	1617.2	1923.0	2229.0	2534.8	2837.5
	75°	147.4	271.2	395.3	519.2	643.0	869.6	1096.5	1323.0	1549.6	1730.0
	77.5°	104.6	141.7	179.1	216.2	253.3	295.7	338.5	380.9	423.3	487.7
	80°	49.7	54.4	59.1	63.5	68.2	83.6	99.0	114.4	129.8	146.1
	82.5°	23.6	25.5	27.3	28.9	30.8	32.4	33.9	35.5	37.1	35.5
	85°	6.3	6.3	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.3
	87.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.5	2.5	2.2
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
18.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
340.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
721.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1112.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1509.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1828.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2138.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2433.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2777.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3365.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4378.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5914.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7099.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7668.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7811.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7890.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8054.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8113.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7700.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6523.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5176.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4047.4											
3140.1											
1910.4											
552.2											
162.5											
33.6											
6.0											
2.2											
0.0											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA1B-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
0.0	2.5°	20.4	20.1	19.8	19.5	19.2	18.5	18.5	18.2	18.2
0.0	5°	22.3	22.0	21.7	21.4	21.4	21.1	20.7	20.7	20.4
0.0	7.5°	25.5	25.1	24.8	24.5	24.5	24.2	24.2	23.9	23.9
0.0	10°	29.2	29.2	29.2	29.2	29.2	28.9	28.9	28.9	28.6
0.0	12.5°	36.8	37.1	37.7	38.3	39.3	39.3	39.3	39.0	39.0
0.0	15°	58.1	61.6	64.1	66.6	68.8	73.9	73.2	72.3	71.7
0.0	17.5°	147.1	162.8	171.3	179.4	187.9	211.2	207.4	203.6	200.2
0.0	20°	381.2	422.4	449.7	477.0	504.7	548.4	537.7	527.0	516.3
0.0	22.5°	815.5	910.1	951.3	992.4	1033.3	1086.1	1051.8	1017.6	983.6
0.0	25°	1235.4	1358.2	1427.7	1497.1	1566.3	1596.4	1551.8	1506.9	1462.3
0.0	27.5°	1648.6	1787.5	1848.8	1909.8	1971.0	2034.2	1978.9	1923.3	1868.0
0.0	30°	1979.8	2131.6	2197.9	2263.9	2330.2	2374.2	2317.0	2259.5	2202.3
0.0	32.5°	2304.8	2470.7	2543.3	2615.9	2688.2	2751.3	2681.0	2610.2	2539.8
0.0	35°	2623.1	2812.6	2912.6	3012.5	3112.4	3171.2	3087.6	3003.7	2920.1
0.0	37.5°	3011.6	3245.7	3357.6	3469.4	3581.3	3688.5	3596.4	3504.0	3411.9
0.0	40°	3695.7	4026.0	4197.6	4369.5	4541.1	4679.3	4563.1	4446.8	4330.5
0.0	42.5°	4850.3	5321.7	5568.4	5814.7	6061.4	6277.3	6155.1	6032.8	5910.6
0.0	45°	6541.3	7168.6	7469.3	7769.8	8070.5	8228.3	8052.3	7876.0	7700.0
0.0	47.5°	7724.2	8348.9	8616.7	8884.4	9152.2	9332.3	9117.0	8901.7	8686.8
0.0	50°	8262.2	8856.5	9125.2	9393.5	9662.2	9805.2	9556.6	9307.7	9059.2
0.0	52.5°	8366.2	8921.5	9242.1	9562.9	9883.5	10074.5	9781.0	9487.2	9193.7
0.0	55°	8478.7	9067.3	9439.1	9811.2	10183.0	10447.6	10115.7	9783.5	9451.7
0.0	57.5°	8690.5	9326.9	9697.7	10068.3	10439.1	10663.8	10331.0	9997.9	9665.1
0.0	60°	8709.4	9305.2	9623.9	9942.9	10261.5	10402.9	10084.6	9765.9	9447.6
0.0	62.5°	8147.2	8594.4	8815.6	9036.9	9258.1	9411.8	9079.6	8747.1	8414.9
0.0	65°	6800.3	7077.1	7253.4	7429.7	7606.0	7789.2	7485.0	7180.8	6876.6
0.0	67.5°	5388.3	5600.1	5832.3	6064.6	6296.8	6492.6	6249.1	6005.2	5761.6
	70°	4333.3	4619.0	4880.1	5141.3	5402.4	5562.7	5318.2	5073.4	4828.9
	72.5°	3442.7	3745.3	3963.4	4181.2	4399.3	4438.6	4258.8	4079.1	3899.6
	75°	2090.5	2270.8	2275.2	2279.3	2283.7	2321.1	2172.2	2023.2	1874.6
	77.5°	616.6	681.0	734.1	786.9	840.0	904.1	849.4	794.4	739.8
	80°	178.5	194.8	208.7	222.2	236.0	227.8	215.0	202.1	189.2
	82.5°	32.1	30.2	29.9	29.5	29.5	28.0	25.5	22.9	20.4
	85°	5.7	5.3	5.0	4.7	4.4	4.1	3.5	3.1	2.5
	87.5°	1.9	1.6	1.3	0.9	0.9	0.3	0.3	0.3	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

CATALOG NUMBER: GALN-SA1B-740-U-RBC

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CATALOG NUMBER: GALN-SA1B-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°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
0.0	0.0	2.5°	17.9	17.6	17.6	17.6	17.6	17.3	17.3	17.3	17.3
0.0	0.0	5°	19.8	19.8	19.5	19.5	19.2	19.2	18.9	18.9	18.5
0.0	0.0	7.5°	23.3	22.9	22.6	22.3	22.0	21.4	21.1	20.7	20.7
0.0	0.0	10°	28.0	27.3	27.0	26.4	26.1	25.5	24.8	24.2	23.6
0.0	0.0	12.5°	36.8	35.5	34.6	33.3	32.1	31.1	29.9	28.9	27.7
0.0	0.0	15°	63.8	60.7	57.2	53.1	48.7	44.6	40.2	37.7	34.9
0.0	0.0	17.5°	163.1	146.8	130.1	116.6	103.1	89.9	76.4	66.6	56.9
0.0	0.0	20°	415.1	369.9	324.6	280.0	235.1	190.4	145.5	122.9	100.2
0.0	0.0	22.5°	781.2	697.3	613.1	531.7	450.0	368.6	287.2	236.0	185.1
0.0	0.0	25°	1205.8	1100.2	994.6	860.8	726.6	592.7	458.8	375.5	292.3
0.0	0.0	27.5°	1569.1	1447.5	1325.9	1163.1	1000.3	837.5	674.7	550.6	426.8
0.0	0.0	30°	1883.7	1752.9	1622.2	1432.7	1243.2	1053.7	864.2	709.0	553.7
0.0	0.0	32.5°	2156.5	1999.9	1843.4	1648.0	1452.5	1257.0	1061.6	871.1	680.7
0.0	0.0	35°	2471.0	2288.4	2105.5	1888.7	1671.5	1454.7	1237.9	1022.9	807.6
0.0	0.0	37.5°	2870.8	2646.7	2422.3	2180.6	1939.0	1697.6	1456.0	1210.2	964.5
0.0	0.0	40°	3636.0	3346.9	3057.7	2750.7	2443.4	2136.3	1829.3	1527.6	1225.9
0.0	0.0	42.5°	5007.1	4616.5	4225.9	3817.3	3408.5	2999.9	2591.1	2165.6	1739.7
0.0	0.0	45°	6554.5	6069.9	5585.0	5126.5	4667.7	4209.2	3750.7	3166.8	2582.9
0.0	0.0	47.5°	7424.7	6901.5	6378.2	5944.2	5510.2	5076.2	4642.2	4012.8	3383.3
0.0	0.0	50°	7744.9	7212.3	6679.6	6280.2	5880.4	5481.0	5081.3	4450.9	3820.1
0.0	0.0	52.5°	7813.1	7269.8	6726.4	6324.5	5922.5	5520.9	5119.0	4492.7	3866.3
0.0	0.0	55°	7953.3	7370.3	6787.1	6328.9	5870.7	5412.5	4954.3	4317.9	3681.6
0.0	0.0	57.5°	8136.5	7538.8	6941.1	6419.1	5897.1	5375.4	4853.4	4157.7	3461.9
0.0	0.0	60°	8088.4	7568.3	7047.9	6488.8	5929.5	5370.4	4811.0	4045.8	3280.2
0.0	0.0	62.5°	7253.7	6839.6	6425.0	5965.3	5505.2	5045.4	4585.7	3797.8	3010.0
0.0	0.0	65°	5967.5	5665.2	5362.8	4993.0	4622.8	4252.9	3883.0	3176.5	2470.4
0.0	0.0	67.5°	4836.5	4495.8	4154.8	3860.1	3565.0	3270.2	2975.1	2419.2	1863.2
		70°	3842.5	3471.9	3101.1	2813.3	2525.1	2237.2	1949.4	1579.8	1210.5
		72.5°	3051.5	2717.4	2383.3	2076.3	1769.0	1461.9	1154.6	936.2	717.8
		75°	1458.5	1324.9	1191.4	1030.8	870.2	709.6	549.0	453.8	358.9
		77.5°	540.5	468.6	396.3	330.9	265.5	200.5	135.1	123.8	112.5
		80°	139.8	121.9	103.7	90.8	77.6	64.7	51.9	46.8	42.1
		82.5°	16.0	14.8	13.8	13.2	12.3	11.6	10.7	9.7	8.8
		85°	0.9	0.6	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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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1048850

CATALOG NUMBER: GALN-SA1B-740-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	18.2	18.2
0.0	0.0	2.5°	17.0	16.7
0.0	0.0	5°	17.9	17.6
0.0	0.0	7.5°	19.8	19.2
0.0	0.0	10°	21.7	21.1
0.0	0.0	12.5°	24.5	23.6
0.0	0.0	15°	27.7	25.8
0.0	0.0	17.5°	33.0	28.9
0.0	0.0	20°	44.6	34.3
0.0	0.0	22.5°	62.9	42.7
0.0	0.0	25°	92.4	59.1
0.0	0.0	27.5°	128.5	78.6
0.0	0.0	30°	171.0	98.4
0.0	0.0	32.5°	208.4	117.2
0.0	0.0	35°	257.1	136.4
0.0	0.0	37.5°	317.1	160.9
0.0	0.0	40°	410.1	198.0
0.0	0.0	42.5°	577.6	266.5
0.0	0.0	45°	938.1	460.7
0.0	0.0	47.5°	1443.4	762.1
0.0	0.0	50°	1765.8	972.6
0.0	0.0	52.5°	1792.2	971.1
0.0	0.0	55°	1636.0	863.3
0.0	0.0	57.5°	1395.9	721.5
0.0	0.0	60°	1160.2	570.7
0.0	0.0	62.5°	914.2	394.1
0.0	0.0	65°	668.1	278.7
0.0	0.0	67.5°	479.9	208.4
		70°	315.5	159.6
		72.5°	205.5	130.1
		75°	138.3	107.8
		77.5°	80.8	71.7
		80°	28.6	25.1
		82.5°	5.3	3.8
		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: P1048850

CATALOG NUMBER: GALN-SA1B-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

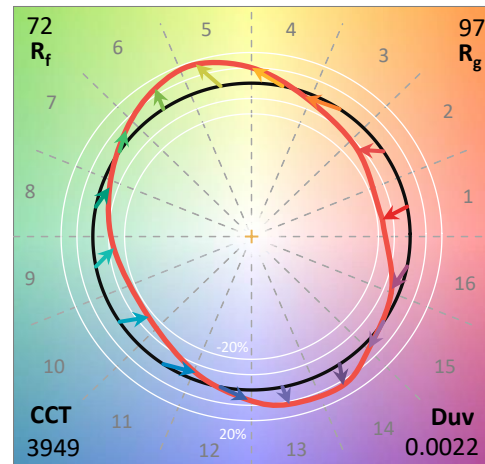
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

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

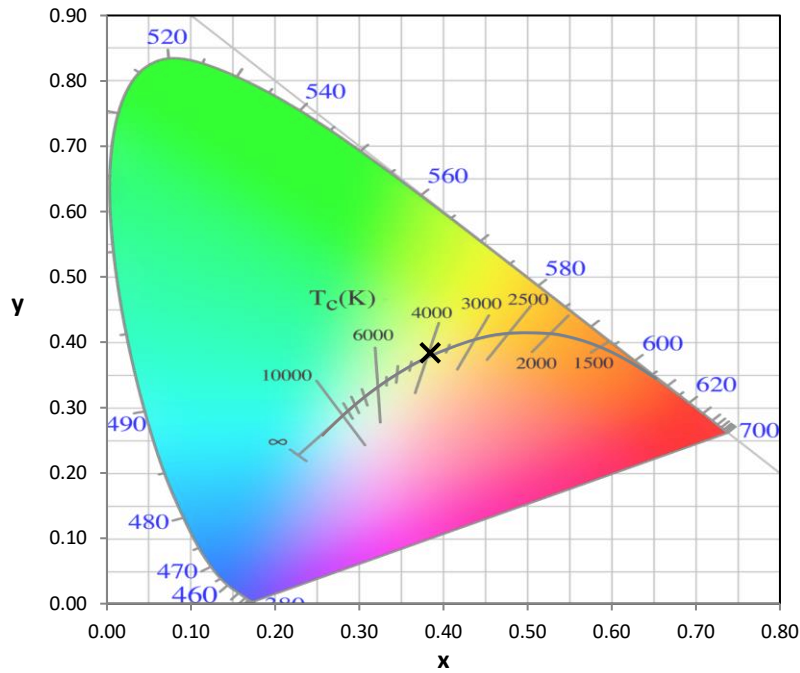
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

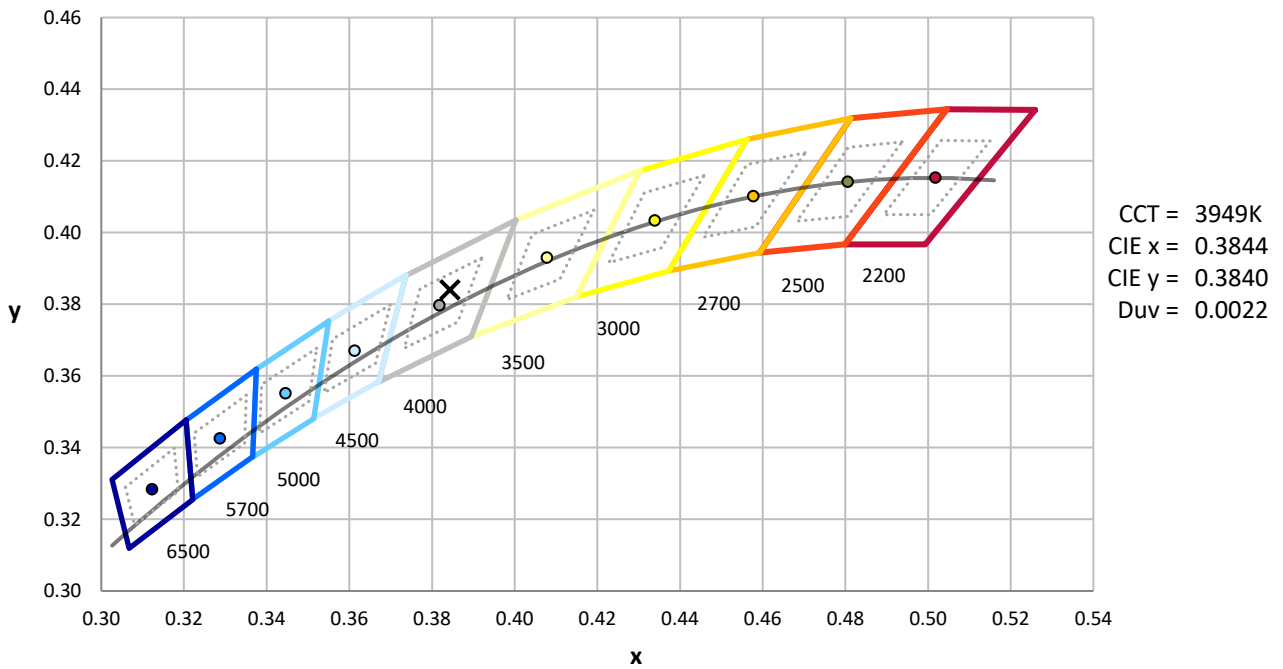
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



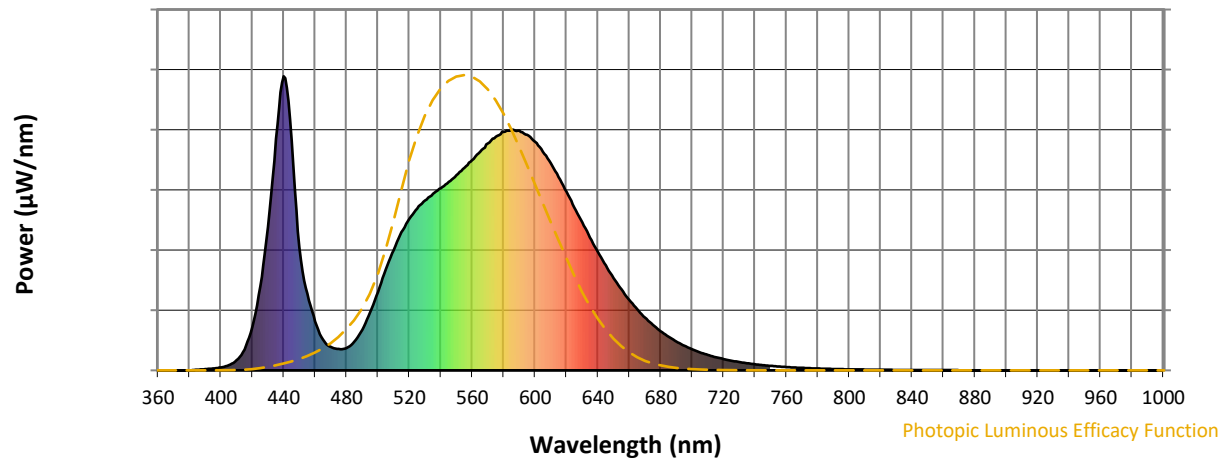
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

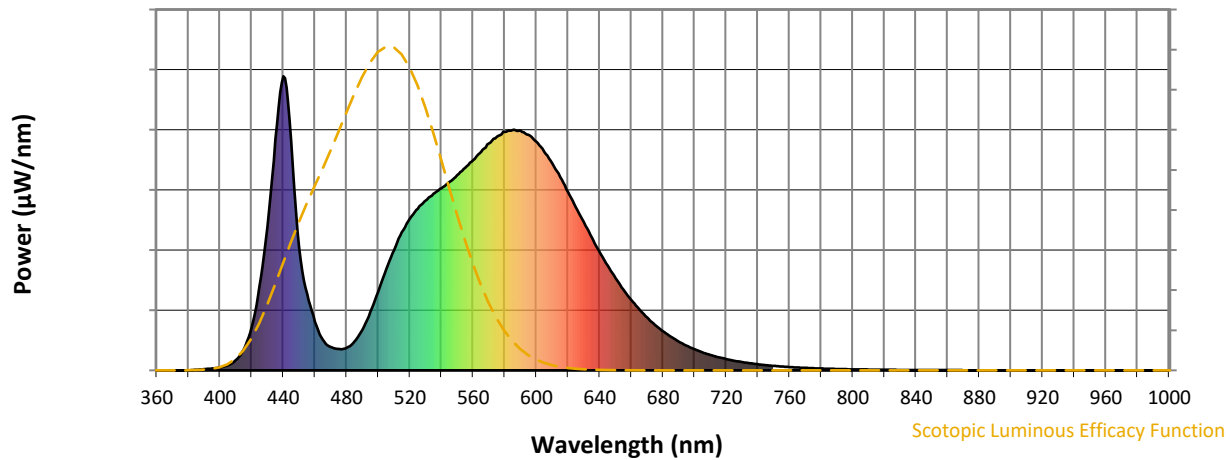


Photopic Lumens: NR

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



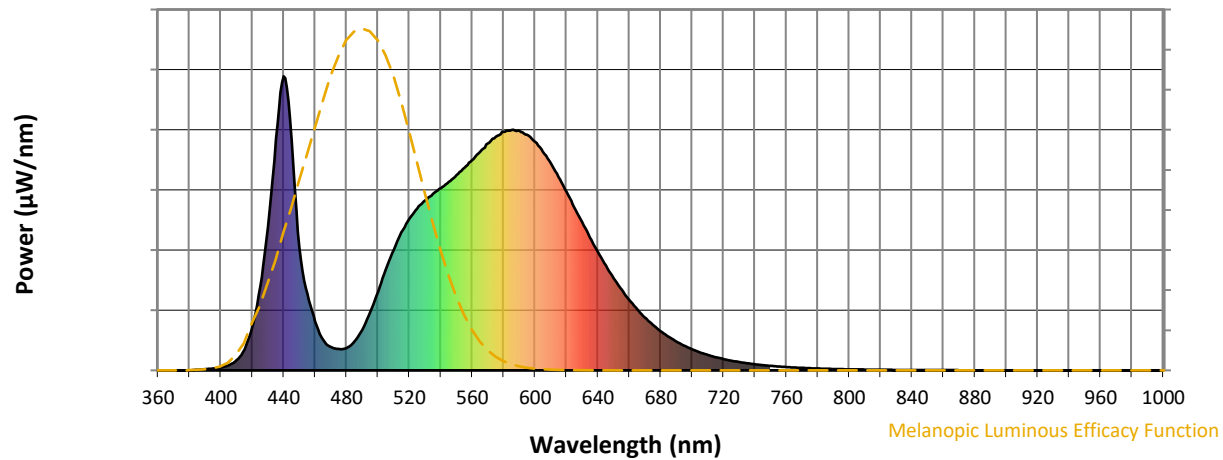
Scotopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

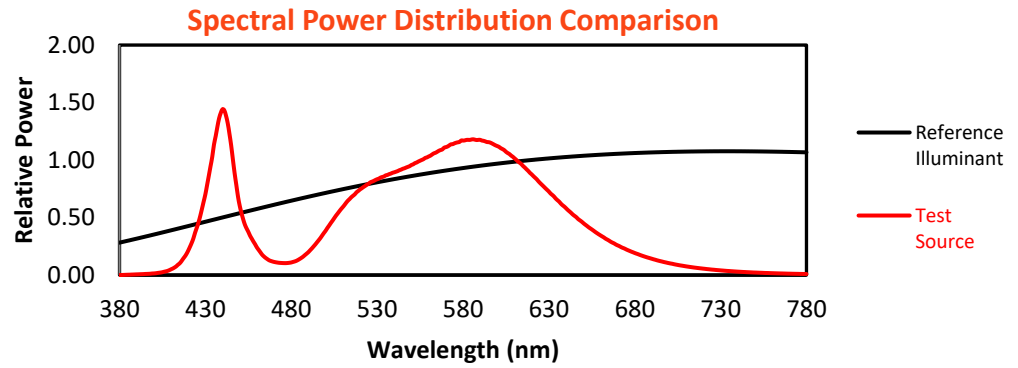
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	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

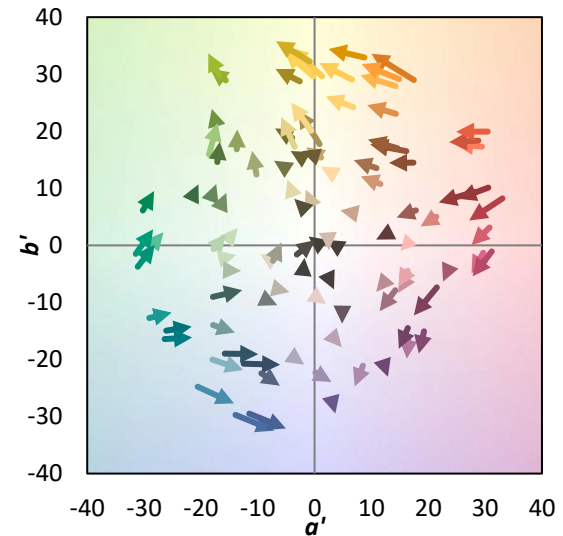
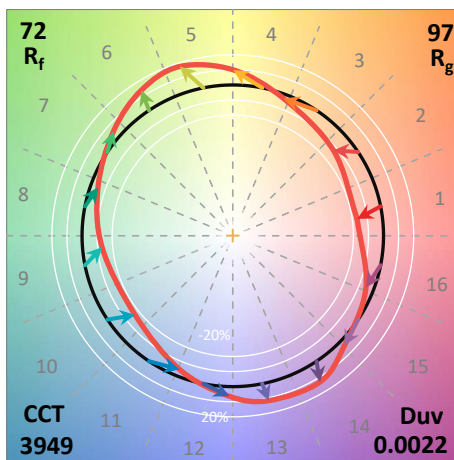
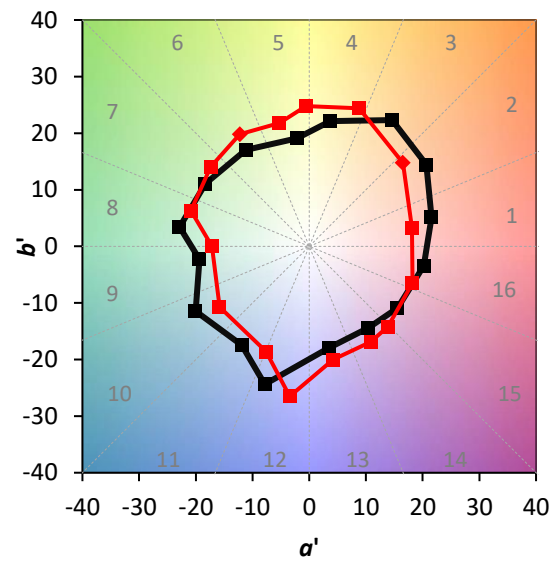
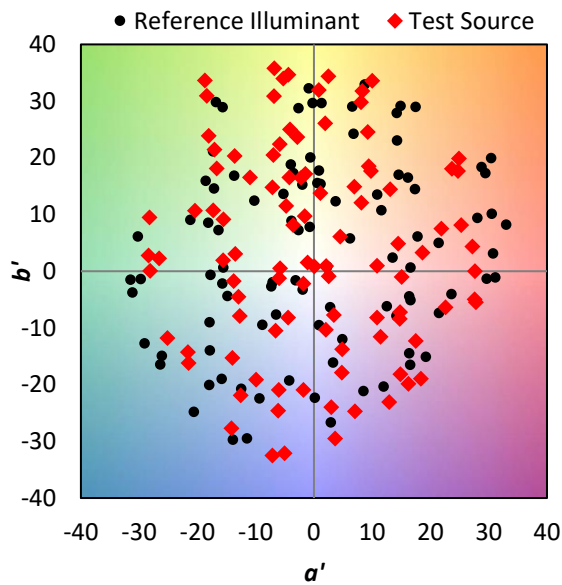
TM-30-18

Summary

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

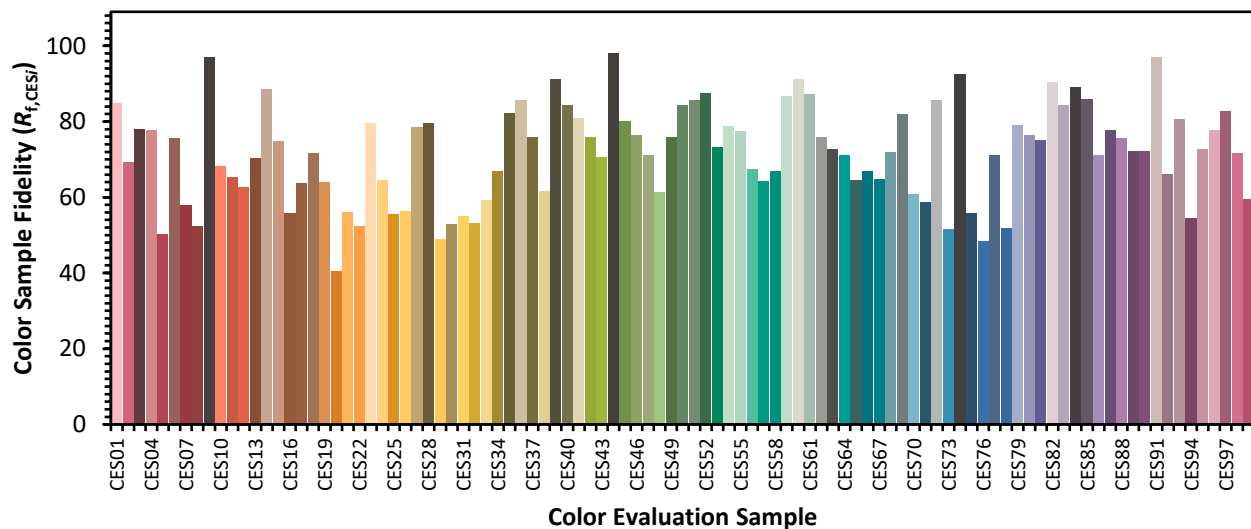


Color Vector Graphics

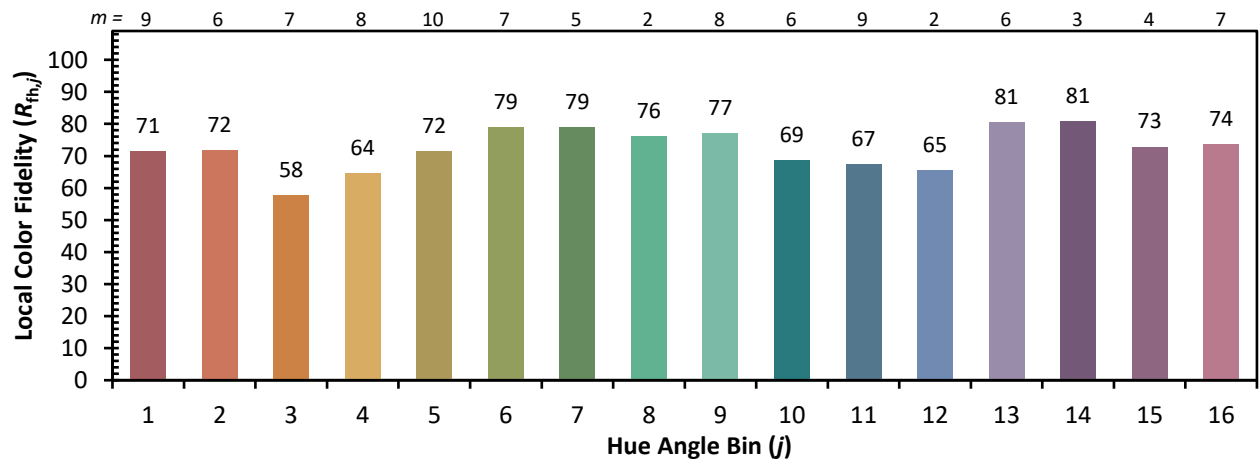
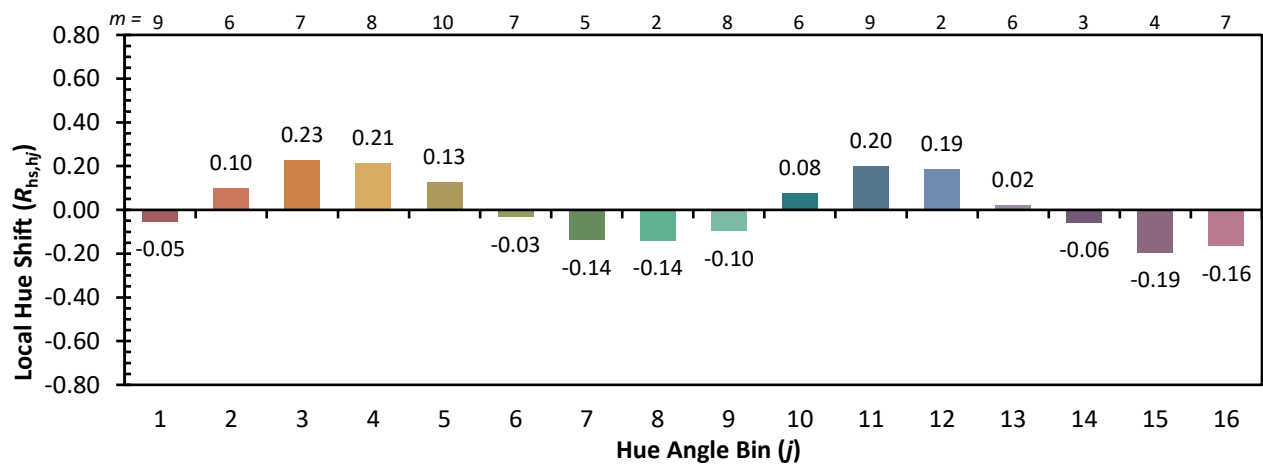
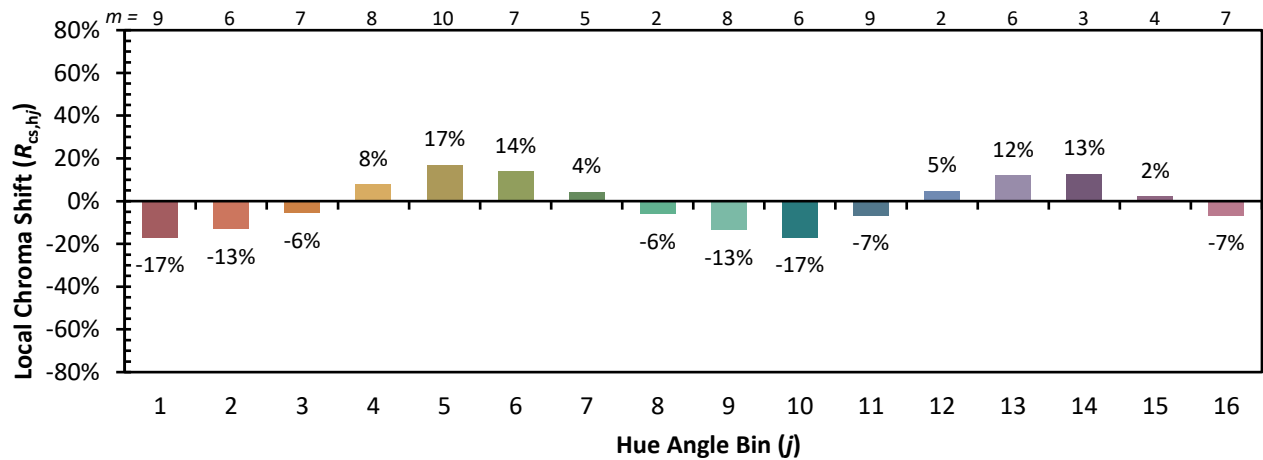


Individual Sample Fidelity Index ($R_{f,i}$)

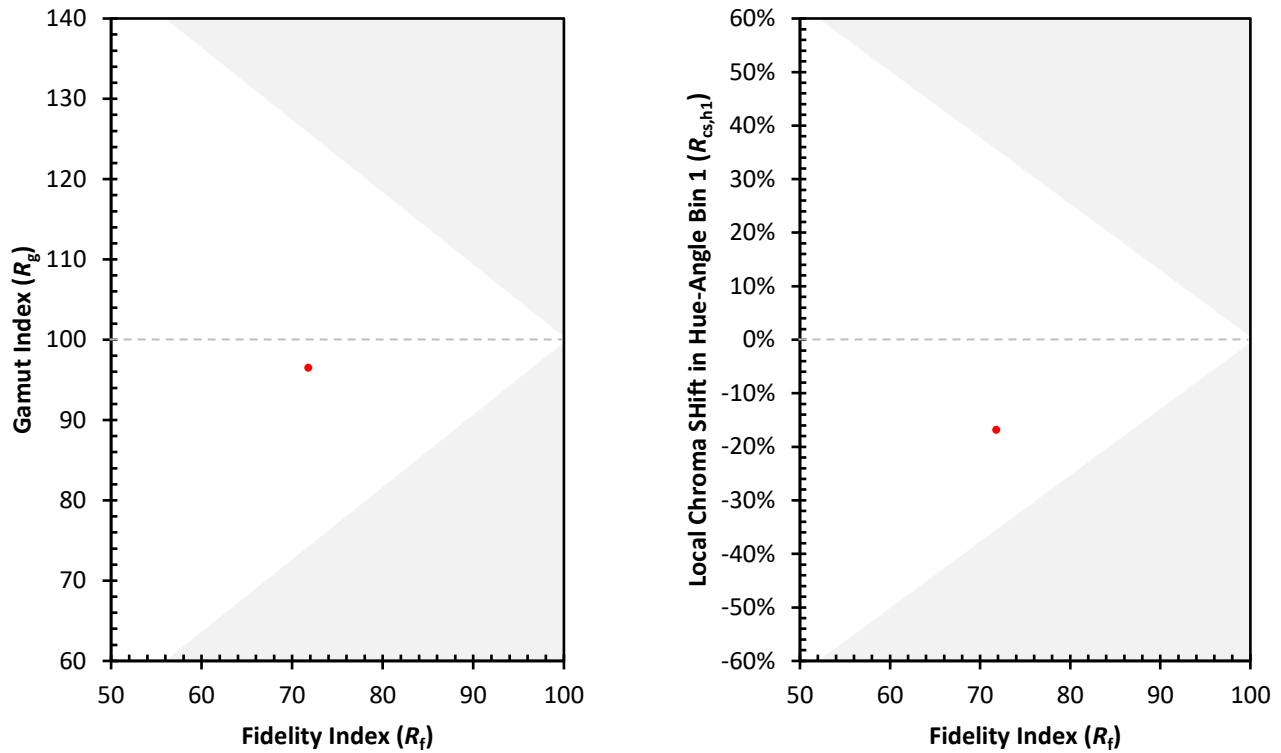
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82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