

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: P1048849

Luminaire Tested: **GALN-SA1A-740-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1048849
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1A-740-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 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: 3326.9 lumens
Efficiency: N/A
Efficacy: 114.7 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

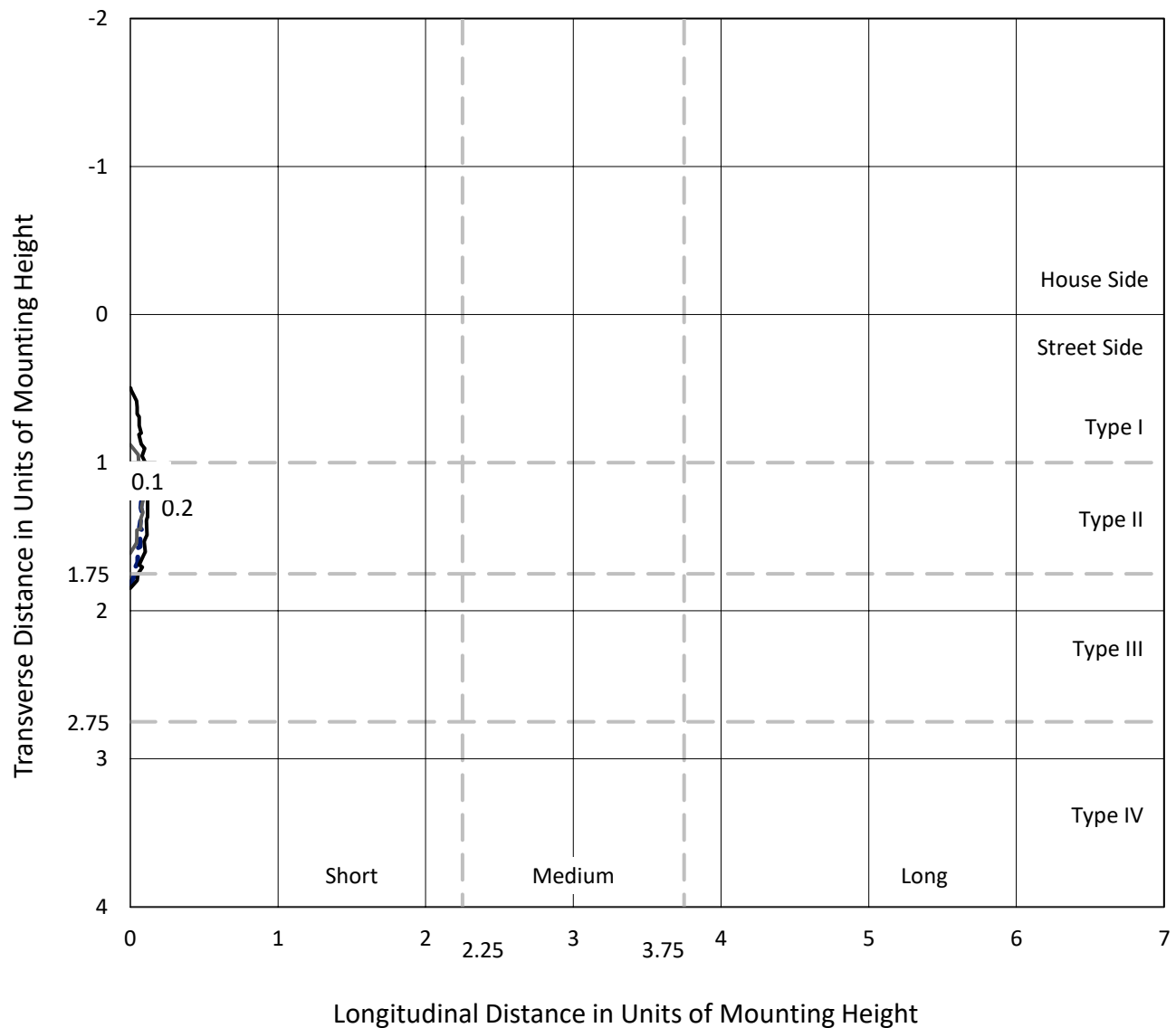
Input Watts (W): 29
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

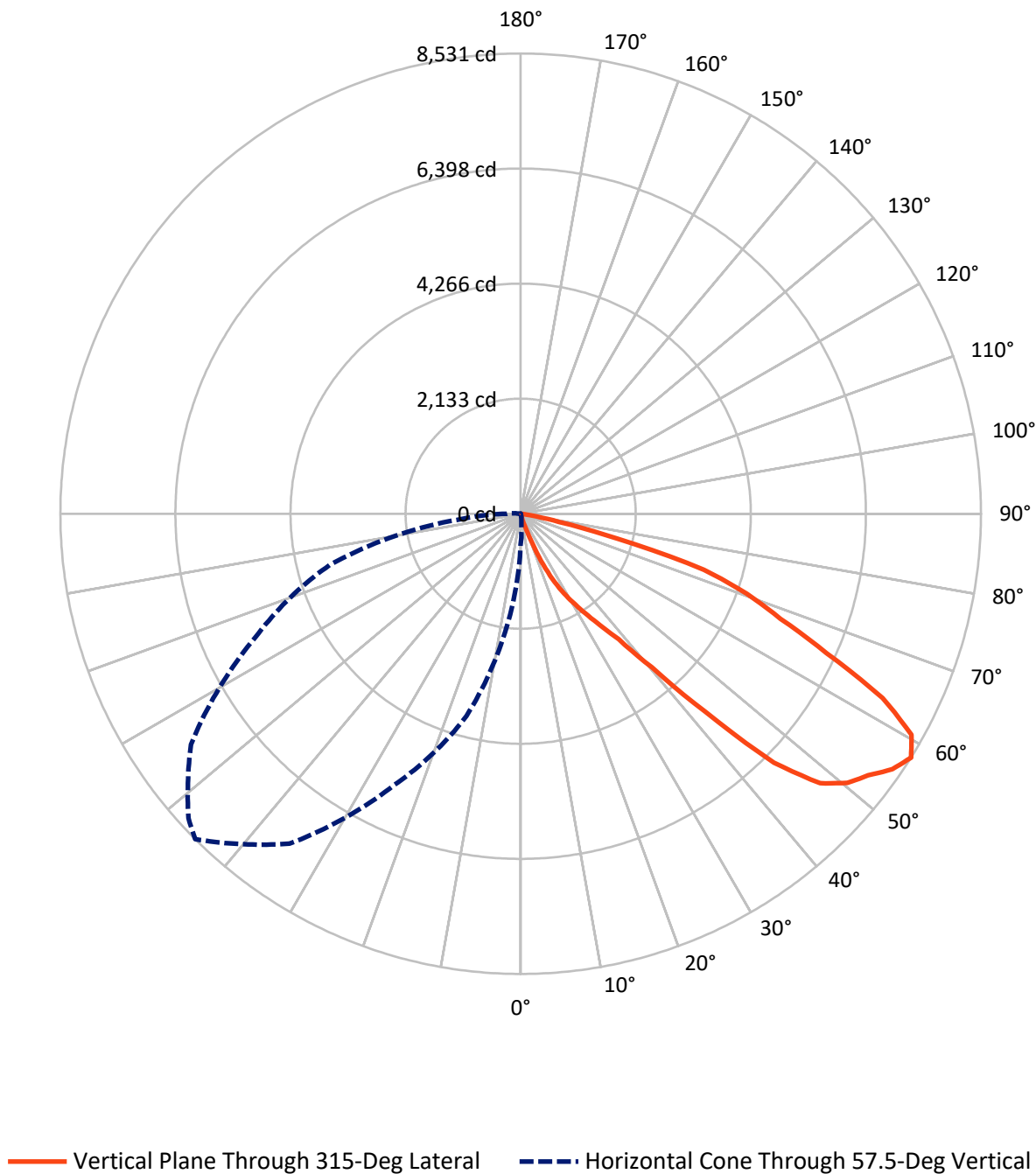


Based on 20 foot mounting height. Maximum calculated value = 0.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	16.7	0.0	16.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	3310.2	0.0	3310.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	3326.9	0.0	3326.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.3	0.0
10°-20°	7.3	0.2
20°-30°	78.8	2.4
30°-40°	233.2	7.0
40°-50°	694.9	20.9
50°-60°	1101.8	33.1
60°-70°	919.7	27.6
70°-80°	283.6	8.5
80°-90°	6.3	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°	3326.9	100.0
0°-180°	3326.9	100.0



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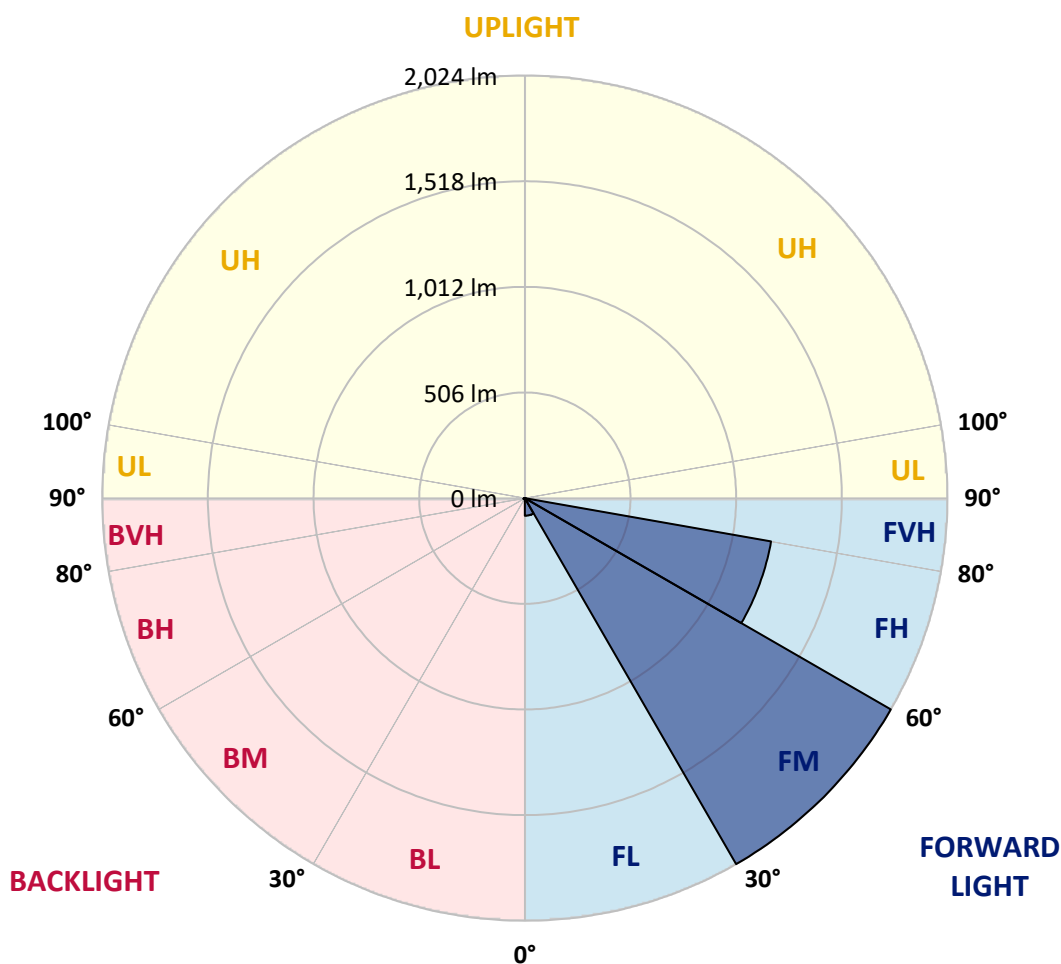
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	84.4	2.5			
FM	(30°-60°)	2023.8	60.8			
FH	(60°-80°)	1197.1	36.0			G1/1800
FVH	(80°-90°)	4.9	0.1			G0/10
BL	(0°-30°)	3.1	0.1	B0/110		
BM	(30°-60°)	6.0	0.2	B0/220		
BH	(60°-80°)	6.2	0.2	B0/110		G0/110
BVH	(80°-90°)	1.4	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°	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
2.5°	13.3	13.3	13.3	13.3	13.1	13.1	12.8	12.8	12.6	12.6
5°	14.1	14.1	13.8	13.6	13.6	13.3	13.1	12.8	12.8	12.6
7.5°	15.3	15.1	14.8	14.6	14.1	13.8	13.3	13.1	12.8	12.3
10°	16.8	16.3	15.8	15.3	14.8	14.3	13.8	13.6	13.1	12.8
12.5°	18.9	18.1	17.1	16.3	15.8	15.1	14.6	14.1	13.3	12.8
15°	20.6	19.6	18.4	17.3	16.6	15.6	14.8	14.1	13.6	12.8
17.5°	23.1	21.4	19.4	18.1	17.1	15.8	14.6	13.8	13.1	12.1
20°	27.4	23.9	20.1	18.6	17.1	15.6	14.1	13.1	12.3	11.3
22.5°	34.2	28.2	22.1	19.9	17.8	15.6	13.6	12.6	11.6	10.6
25°	47.3	36.5	25.6	22.6	19.6	16.6	13.6	12.3	11.3	10.1
27.5°	62.9	46.8	30.4	26.1	22.1	17.8	13.6	12.1	10.8	9.3
30°	78.7	57.3	35.7	30.2	24.6	19.1	13.6	11.8	10.3	8.5
32.5°	93.8	67.1	40.2	33.7	27.2	20.4	13.8	11.8	9.8	7.8
35°	109.1	75.2	41.0	34.2	27.4	20.4	13.6	11.3	9.3	7.0
37.5°	128.7	84.2	39.5	32.7	26.1	19.4	12.8	10.8	8.8	6.5
40°	158.4	99.3	40.2	33.2	26.1	19.1	12.1	10.1	8.3	6.3
42.5°	213.2	128.5	43.5	35.4	27.4	19.1	11.1	9.3	7.8	6.0
45°	368.6	213.4	58.3	46.3	34.2	22.1	10.1	8.5	7.3	5.8
47.5°	609.7	357.3	104.8	81.0	57.3	33.4	9.8	8.5	7.3	5.8
50°	778.1	455.0	132.0	101.6	71.1	40.7	10.3	8.8	7.5	6.0
52.5°	776.9	462.1	147.1	112.9	78.9	44.8	10.8	9.3	8.0	6.5
55°	690.6	420.4	149.8	115.1	80.7	46.0	11.6	10.1	8.5	7.0
57.5°	577.2	357.0	136.8	105.8	75.2	44.2	13.3	11.6	10.1	8.3
60°	456.6	281.6	106.6	84.2	62.1	39.7	17.6	15.3	13.3	11.1
62.5°	315.3	204.1	93.0	74.7	56.6	38.2	20.1	17.8	15.8	13.6
65°	223.0	153.6	84.0	68.4	53.0	37.5	21.9	19.4	17.1	14.6
67.5°	166.7	122.2	77.4	64.1	50.8	37.5	24.1	21.1	18.4	15.3
70°	127.7	100.3	72.7	61.8	51.3	40.5	29.7	25.4	21.4	17.1
72.5°	104.1	85.7	67.1	59.3	51.5	43.7	36.0	30.4	24.9	19.1
75°	86.2	73.4	60.6	54.1	47.8	41.2	34.7	29.7	24.9	19.9
77.5°	57.3	52.3	47.0	43.2	39.5	35.4	31.7	27.4	23.4	19.1
80°	20.1	19.4	18.6	20.1	21.6	23.1	24.6	21.6	18.9	15.8
82.5°	3.0	2.8	2.5	2.8	3.0	3.3	3.5	3.8	4.0	4.3
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

CATALOG NUMBER: GALN-SA1A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
0.0	2.5°	12.3	12.3	12.1	12.1	12.1	11.8	11.8	11.6	11.6	11.6
0.0	5°	12.1	12.1	11.8	11.6	11.3	11.3	11.1	10.8	10.8	10.6
0.0	7.5°	11.8	11.6	11.3	11.1	10.8	10.6	10.3	10.1	10.1	9.8
0.0	10°	12.1	11.6	11.3	10.8	10.6	10.3	9.8	9.6	9.3	9.3
0.0	12.5°	11.6	11.3	10.8	10.3	10.1	9.6	9.3	8.8	8.5	8.5
0.0	15°	11.6	11.1	10.3	9.8	9.3	9.1	8.5	8.0	7.8	7.5
0.0	17.5°	10.8	10.3	9.6	9.1	8.5	8.0	7.5	7.0	6.8	6.5
0.0	20°	9.8	9.3	8.5	7.8	7.3	6.8	6.3	5.8	5.5	5.3
0.0	22.5°	8.8	8.3	7.5	6.8	6.3	5.8	5.0	4.5	4.3	3.8
0.0	25°	8.3	7.5	6.8	6.0	5.3	4.8	4.0	3.3	2.8	2.3
0.0	27.5°	7.0	6.3	5.5	4.8	4.0	3.3	2.5	1.8	1.3	1.0
0.0	30°	6.0	5.3	4.5	3.8	2.8	2.0	1.3	0.3	0.3	0.3
0.0	32.5°	5.0	4.3	3.3	2.5	2.0	1.3	0.8	0.0	0.0	0.0
0.0	35°	4.0	3.3	2.3	1.5	1.3	0.8	0.5	0.0	0.0	0.0
0.0	37.5°	3.5	2.8	1.8	0.8	0.5	0.5	0.3	0.0	0.0	0.0
0.0	40°	3.3	2.3	1.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0
0.0	42.5°	3.3	2.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	3.3	2.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	3.3	2.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	3.5	2.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	4.0	3.0	2.0	1.0	0.8	0.5	0.3	0.0	0.0	0.0
0.0	55°	5.0	4.5	3.8	3.3	2.5	1.8	0.8	0.0	0.0	0.0
0.0	57.5°	6.5	6.5	6.3	6.0	4.5	3.0	1.5	0.0	0.0	0.0
0.0	60°	8.8	8.8	8.8	8.8	6.5	4.5	2.3	0.0	0.0	0.0
0.0	62.5°	10.8	10.3	9.6	9.1	6.8	4.5	2.3	0.0	0.0	0.0
0.0	65°	10.8	9.8	8.5	7.3	5.5	3.8	1.8	0.0	0.0	0.0
0.0	67.5°	10.1	8.0	5.8	3.8	2.8	2.0	1.0	0.0	0.0	0.0
	70°	10.1	7.0	4.0	1.0	0.8	0.5	0.3	0.0	0.0	0.0
	72.5°	10.1	6.8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	11.1	7.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	11.1	7.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	9.8	6.5	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	3.3	2.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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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°	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
0.0	2.5°	11.3	11.3	11.3	11.1	11.1	11.1	11.1	10.8	10.8	10.8
0.0	5°	10.3	10.3	10.1	10.1	9.8	9.8	9.6	9.6	9.3	9.3
0.0	7.5°	9.6	9.3	9.3	9.1	8.8	8.8	8.5	8.5	8.3	8.0
0.0	10°	8.8	8.5	8.5	8.3	8.0	7.8	7.8	7.5	7.3	7.0
0.0	12.5°	8.0	7.8	7.5	7.3	7.0	6.8	6.8	6.5	6.3	6.0
0.0	15°	7.0	6.8	6.5	6.3	6.0	5.8	5.8	5.5	5.3	5.0
0.0	17.5°	6.0	5.8	5.8	5.5	5.3	5.0	4.8	4.3	4.0	3.8
0.0	20°	4.5	4.3	4.0	3.8	3.5	3.0	2.8	2.3	1.8	1.5
0.0	22.5°	3.0	2.5	2.3	1.8	1.3	1.0	0.8	0.3	0.0	0.0
0.0	25°	1.0	0.8	0.5	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

CATALOG NUMBER: GALN-SA1A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048849

CATALOG NUMBER: GALN-SA1A-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°	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
0.0	2.5°	10.6	10.6	10.6	10.3	10.3	10.3	10.3	10.3	10.3	10.3
0.0	5°	9.1	9.1	9.1	8.8	8.8	8.5	8.5	8.5	8.3	8.3
0.0	7.5°	7.8	7.5	7.5	7.3	7.3	7.0	7.0	7.0	6.8	6.8
0.0	10°	6.5	6.3	6.3	6.0	6.0	5.8	5.8	5.5	5.5	5.3
0.0	12.5°	5.8	5.5	5.3	5.0	5.0	4.8	4.5	4.5	4.3	4.0
0.0	15°	4.5	4.3	4.0	3.8	3.5	3.3	3.0	3.0	2.8	2.5
0.0	17.5°	3.0	2.5	2.3	2.0	2.0	1.8	1.5	1.3	1.0	0.8
0.0	20°	0.8	0.5	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: P1048849

CATALOG NUMBER: GALN-SA1A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048849

CATALOG NUMBER: GALN-SA1A-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°	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
0.0	2.5°	10.3	10.1	10.1	10.1	10.3	10.3	10.3	10.3	10.3	10.3
0.0	5°	8.3	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
0.0	7.5°	6.8	6.5	6.5	6.5	6.5	6.3	6.3	6.3	6.3	6.3
0.0	10°	5.3	5.0	5.0	5.0	5.0	4.8	4.8	4.8	4.8	4.8
0.0	12.5°	3.8	3.8	3.5	3.5	3.5	3.3	3.3	3.3	3.3	3.0
0.0	15°	2.3	2.0	1.8	1.8	1.8	1.5	1.5	1.5	1.5	1.3
0.0	17.5°	0.5	0.5	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



REPORT NUMBER: P1048849

CATALOG NUMBER: GALN-SA1A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048849

CATALOG NUMBER: GALN-SA1A-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°	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
0.0	2.5°	10.6	10.6	10.8	10.8	11.1	11.6	11.8	12.1	12.6	13.1
0.0	5°	8.3	8.5	8.5	8.8	9.1	9.3	9.6	9.8	10.3	10.8
0.0	7.5°	6.5	6.5	6.8	6.8	7.0	7.5	7.8	8.0	8.5	9.3
0.0	10°	5.0	5.0	5.3	5.3	5.5	6.0	6.3	6.5	7.0	7.8
0.0	12.5°	3.3	3.5	3.5	3.8	4.0	4.5	4.8	5.0	5.5	6.0
0.0	15°	1.5	1.8	1.8	2.0	2.3	2.8	3.0	3.3	3.8	4.5
0.0	17.5°	0.3	0.3	0.5	0.5	0.8	1.0	1.3	1.5	2.3	2.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0
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

CATALOG NUMBER: GALN-SA1A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048849

CATALOG NUMBER: GALN-SA1A-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°	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
0.0	2.5°	13.8	14.3	14.8	15.3	15.8	16.3	16.6	17.1	17.3	17.6
0.0	5°	11.8	12.3	13.1	13.6	14.1	14.6	15.1	15.3	15.6	15.8
0.0	7.5°	10.3	10.8	11.6	12.1	12.6	13.1	13.6	14.1	14.3	14.6
0.0	10°	8.8	9.6	10.1	10.8	11.3	11.8	12.3	12.8	13.3	13.6
0.0	12.5°	7.0	7.8	8.5	9.1	9.8	10.6	11.1	11.6	12.1	12.6
0.0	15°	5.5	6.3	7.0	7.5	8.3	9.1	9.8	10.3	10.8	11.3
0.0	17.5°	4.0	4.8	5.5	6.0	6.8	7.5	8.0	8.8	9.3	9.8
0.0	20°	2.0	2.8	3.5	4.3	5.0	5.8	6.3	7.0	7.5	8.0
0.0	22.5°	0.3	1.0	1.8	2.3	3.0	3.8	4.3	5.0	5.5	6.0
0.0	25°	0.0	0.3	0.8	1.0	1.3	1.8	2.3	2.8	3.3	3.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.5	1.0	1.5	2.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
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	0.5
	85°	0.0	0.0	0.0	0.0	0.0	0.5	0.8	1.3	1.5	1.8
	87.5°	0.0	0.3	0.5	0.8	1.0	1.5	2.0	2.5	2.8	3.0
	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: P1048849

CATALOG NUMBER: GALN-SA1A-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
14.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	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											
1.0											
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REPORT NUMBER: P1048849

CATALOG NUMBER: GALN-SA1A-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°	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
0.0	2.5°	17.8	17.8	17.8	17.8	17.6	17.6	17.6	17.3	17.3	17.1
0.0	5°	16.3	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.3	16.3
0.0	7.5°	15.1	15.3	15.6	15.6	15.8	15.8	15.8	15.6	15.6	15.3
0.0	10°	14.3	14.6	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8
0.0	12.5°	13.3	13.6	13.8	13.8	14.1	14.1	14.1	14.1	13.8	13.8
0.0	15°	12.1	12.6	12.8	13.1	13.1	13.3	13.3	13.3	13.3	13.3
0.0	17.5°	11.1	11.6	11.8	12.1	12.1	12.3	12.3	12.6	12.6	12.6
0.0	20°	9.1	9.6	9.8	10.3	10.6	10.8	11.1	11.3	11.3	11.6
0.0	22.5°	7.0	7.5	7.8	8.3	8.5	8.8	9.1	9.3	9.6	9.8
0.0	25°	5.0	5.5	5.8	6.3	6.5	6.8	7.0	7.3	7.3	7.5
0.0	27.5°	2.8	3.3	3.8	4.0	4.5	4.8	5.0	5.3	5.5	5.8
0.0	30°	1.3	1.5	1.8	2.3	2.5	2.8	3.0	3.5	3.8	4.0
0.0	32.5°	0.0	0.0	0.3	0.8	1.0	1.3	1.5	1.8	1.8	2.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.8	1.0
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°	0.5	0.5	0.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8
	82.5°	1.3	1.5	1.8	1.8	2.0	2.0	2.0	2.0	1.8	1.8
	85°	2.5	2.8	3.0	3.0	3.3	3.3	3.3	3.3	3.3	3.3
	87.5°	3.5	3.8	4.0	4.0	4.3	4.3	4.3	4.3	4.3	4.3
	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: P1048849

CATALOG NUMBER: GALN-SA1A-740-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
14.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	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
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REPORT NUMBER: P1048849

CATALOG NUMBER: GALN-SA1A-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°	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
0.0	2.5°	16.8	16.8	16.6	16.6	16.6	16.6	16.6	16.8	17.1	17.1
0.0	5°	16.1	16.1	15.8	15.8	15.8	16.1	16.1	16.3	16.6	16.8
0.0	7.5°	15.3	15.1	15.1	15.3	15.3	15.6	15.6	15.8	16.1	16.3
0.0	10°	14.8	14.6	14.6	14.6	14.8	14.8	15.1	15.3	15.6	15.8
0.0	12.5°	13.8	13.8	13.8	13.8	14.1	14.1	14.3	14.6	15.1	15.3
0.0	15°	13.3	13.1	13.1	13.1	13.1	13.3	13.3	13.8	14.3	14.6
0.0	17.5°	12.3	12.3	12.1	12.1	12.3	12.3	12.6	13.1	13.6	13.8
0.0	20°	11.3	11.1	10.8	10.8	11.1	11.1	11.3	11.8	12.3	12.6
0.0	22.5°	9.8	9.6	9.6	9.6	9.6	9.8	9.8	10.3	11.1	11.6
0.0	25°	7.8	8.0	8.0	8.3	8.3	8.5	8.8	9.3	10.1	10.6
0.0	27.5°	6.0	6.3	6.3	6.8	7.0	7.3	7.5	8.3	9.1	9.6
0.0	30°	4.5	4.8	5.0	5.3	5.8	6.3	6.8	7.5	8.3	8.8
0.0	32.5°	2.8	3.3	3.5	4.0	4.5	5.0	5.5	6.3	7.3	8.0
0.0	35°	2.0	2.3	2.8	3.0	3.5	4.0	4.5	5.5	6.3	7.3
0.0	37.5°	1.0	1.5	2.0	2.5	3.0	3.5	4.0	5.0	6.0	6.8
0.0	40°	0.8	1.3	1.5	2.0	2.8	3.3	3.8	4.8	5.8	6.8
0.0	42.5°	0.5	0.8	1.0	1.8	2.3	3.0	3.8	4.8	5.8	6.8
0.0	45°	0.5	0.5	0.8	1.5	2.3	3.3	4.0	5.0	5.8	6.8
0.0	47.5°	0.5	0.8	1.0	2.0	2.5	3.3	4.0	4.8	5.8	6.5
0.0	50°	0.8	1.0	1.3	2.3	2.8	3.5	4.0	5.0	5.8	6.8
0.0	52.5°	0.5	0.8	1.0	2.0	2.8	3.8	4.5	5.5	6.5	7.3
0.0	55°	0.3	0.3	0.3	1.5	3.0	4.3	5.8	6.5	7.5	8.3
0.0	57.5°	0.0	0.0	0.0	1.0	3.0	4.8	6.5	7.5	8.5	9.3
0.0	60°	0.0	0.0	0.0	1.0	3.0	4.8	6.5	7.8	9.1	10.3
0.0	62.5°	0.0	0.0	0.0	1.0	2.5	4.0	5.5	7.5	9.8	11.8
0.0	65°	0.0	0.0	0.0	0.8	2.0	3.3	4.5	7.5	10.6	13.3
0.0	67.5°	0.0	0.0	0.0	0.8	2.0	3.0	4.3	7.5	10.6	13.8
	70°	0.0	0.0	0.0	0.8	2.0	3.3	4.5	7.5	10.6	13.6
	72.5°	0.0	0.0	0.0	0.8	2.3	3.5	5.0	7.5	10.1	12.6
	75°	0.0	0.0	0.0	1.0	2.3	3.8	5.3	7.5	9.8	11.8
	77.5°	0.0	0.0	0.0	0.8	2.3	3.5	5.0	7.3	9.6	11.6
	80°	0.8	0.5	0.5	1.3	2.3	3.3	4.3	6.5	9.1	11.3
	82.5°	1.5	1.5	1.3	1.8	2.3	3.0	3.8	5.8	8.0	10.1
	85°	3.0	3.0	2.8	3.0	3.0	3.3	3.5	4.5	5.5	6.5
	87.5°	4.0	4.0	3.8	3.8	3.8	3.5	3.5	3.5	3.5	3.3
	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: P1048849

CATALOG NUMBER: GALN-SA1A-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
14.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.6											
15.1											
14.1											
13.8											
13.6											
12.1											
7.5											
3.3											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1048849

CATALOG NUMBER: GALN-SA1A-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°	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
0.0	2.5°	17.6	17.8	17.8	18.1	18.4	18.6	18.6	18.9	18.9	18.9
0.0	5°	17.3	17.8	18.1	18.4	18.6	18.9	19.1	19.4	19.6	19.6
0.0	7.5°	17.1	17.3	17.8	18.1	18.6	18.9	19.4	19.6	19.9	20.1
0.0	10°	16.6	17.1	17.6	18.1	18.6	19.1	19.6	20.1	20.6	20.9
0.0	12.5°	16.1	16.8	17.3	17.8	18.6	19.4	19.9	20.6	21.1	21.6
0.0	15°	15.8	16.3	17.1	17.6	18.6	19.6	20.4	21.4	22.4	23.1
0.0	17.5°	15.1	16.1	16.8	17.6	18.6	19.9	20.9	21.9	23.4	24.9
0.0	20°	14.1	14.8	15.8	16.6	18.1	19.4	20.9	22.1	24.4	26.6
0.0	22.5°	13.1	14.1	14.8	15.8	17.6	19.1	20.9	22.4	26.1	29.7
0.0	25°	12.1	13.3	14.3	15.3	17.3	19.4	21.4	23.4	29.7	36.0
0.0	27.5°	11.6	12.6	13.8	14.8	17.3	20.1	22.6	25.1	35.2	45.0
0.0	30°	10.8	12.1	13.1	14.3	17.6	20.9	24.1	27.4	42.7	58.1
0.0	32.5°	10.1	11.3	12.6	13.8	18.1	22.4	26.4	30.7	50.8	70.6
0.0	35°	9.3	10.8	12.1	13.3	18.9	24.6	30.2	35.7	58.1	80.2
0.0	37.5°	9.1	10.6	11.8	13.1	19.1	24.9	30.9	36.7	58.8	81.0
0.0	40°	9.3	10.6	12.1	13.3	18.4	23.4	28.2	33.2	56.3	79.2
0.0	42.5°	9.3	10.8	12.3	13.8	17.8	21.9	25.9	29.9	55.6	81.2
0.0	45°	9.1	10.6	12.1	13.6	17.3	20.9	24.6	28.2	60.1	91.8
0.0	47.5°	8.8	10.3	11.8	13.3	17.1	20.9	24.6	28.4	77.7	126.7
0.0	50°	8.8	10.3	11.6	12.8	17.3	22.1	26.6	31.2	113.1	194.8
0.0	52.5°	9.3	10.6	11.6	12.6	17.8	23.4	28.7	33.9	143.8	253.4
0.0	55°	10.1	10.8	11.8	12.6	19.1	25.4	31.9	38.2	153.1	268.0
0.0	57.5°	11.1	11.8	12.6	13.3	21.4	29.4	37.2	45.3	153.9	262.2
0.0	60°	12.3	13.3	14.1	14.8	23.4	32.2	40.7	49.3	139.3	229.0
0.0	62.5°	15.1	16.3	17.3	18.6	26.9	34.9	43.2	51.3	115.6	180.0
0.0	65°	17.3	18.4	19.4	20.4	28.4	36.7	44.8	52.8	98.0	143.3
0.0	67.5°	17.8	18.9	19.6	20.6	28.9	37.2	45.3	53.5	84.0	114.1
	70°	18.1	19.4	20.9	22.1	30.7	39.2	47.5	56.1	74.4	92.8
	72.5°	17.3	19.9	22.1	24.4	32.4	40.2	48.3	56.1	69.1	82.2
	75°	17.3	20.9	24.1	27.4	33.4	39.2	45.3	51.0	61.1	71.1
	77.5°	18.4	22.9	27.4	31.9	35.4	38.7	42.2	45.5	52.0	58.6
	80°	18.4	23.1	27.7	32.4	33.9	35.7	37.2	38.7	39.5	40.2
	82.5°	15.8	19.6	23.4	27.2	25.4	23.6	21.9	20.1	18.9	17.3
	85°	8.0	8.8	9.3	9.8	9.1	8.3	7.5	6.8	6.3	5.5
	87.5°	3.3	3.3	3.0	3.0	3.0	3.0	2.8	2.8	2.8	2.8
	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: P1048849

CATALOG NUMBER: GALN-SA1A-740-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
14.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
244.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
372.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
569.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
717.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
733.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
662.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
566.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
442.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
334.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
246.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.7											
130.0											
94.5											
71.1											
40.0											
18.1											
5.3											
2.5											
0.0											
0.0											
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REPORT NUMBER: P1048849

CATALOG NUMBER: GALN-SA1A-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°	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
0.0	2.5°	18.9	18.6	18.6	18.4	18.1	17.8	17.6	17.3	17.1	16.8
0.0	5°	19.6	19.6	19.6	19.4	19.4	19.1	19.1	18.9	18.6	18.4
0.0	7.5°	20.4	20.6	20.6	20.9	20.9	20.9	20.9	20.6	20.6	20.6
0.0	10°	21.6	21.9	22.1	22.4	22.6	22.9	22.9	23.1	23.1	23.1
0.0	12.5°	23.1	23.9	24.4	25.1	25.6	26.4	26.9	27.7	28.2	28.7
0.0	15°	25.4	26.6	28.2	29.4	30.7	32.4	34.4	36.2	38.0	40.7
0.0	17.5°	28.7	32.7	36.7	40.5	44.5	53.3	62.1	70.6	79.4	92.3
0.0	20°	34.9	47.0	58.8	70.9	82.7	113.6	144.3	175.2	205.9	238.8
0.0	22.5°	49.0	78.7	108.4	138.0	167.7	232.3	296.7	361.3	425.6	501.3
0.0	25°	71.1	125.7	180.3	234.6	289.1	390.2	491.5	592.6	693.6	791.9
0.0	27.5°	103.6	187.0	270.5	353.7	437.2	574.2	711.5	848.5	985.5	1096.6
0.0	30°	143.6	256.7	369.8	483.0	596.1	752.0	907.8	1063.5	1219.3	1340.8
0.0	32.5°	181.3	319.8	458.3	596.6	735.1	912.6	1090.4	1267.8	1445.3	1578.1
0.0	35°	205.9	373.3	541.0	708.5	875.9	1068.0	1260.1	1451.9	1644.0	1795.6
0.0	37.5°	230.5	423.9	617.0	810.3	1003.4	1214.3	1425.2	1636.2	1847.1	2034.4
0.0	40°	258.2	485.0	711.5	938.3	1164.8	1414.7	1664.3	1914.2	2163.9	2428.1
0.0	42.5°	306.2	586.3	866.6	1146.7	1426.7	1757.3	2087.9	2418.3	2748.9	3126.0
0.0	45°	396.5	791.2	1186.1	1580.9	1975.6	2413.5	2851.7	3289.7	3727.6	4229.4
0.0	47.5°	617.5	1160.5	1703.3	2246.3	2789.1	3262.0	3734.7	4207.6	4680.2	5180.0
0.0	50°	944.8	1576.8	2208.9	2840.7	3472.7	3900.6	4328.2	4756.1	5183.8	5659.2
0.0	52.5°	1181.6	1840.1	2498.7	3157.2	3815.6	4201.8	4588.2	4974.4	5360.5	5804.8
0.0	55°	1199.5	1854.1	2509.1	3163.7	3818.4	4206.3	4594.2	4982.1	5370.1	5841.0
0.0	57.5°	1061.9	1711.3	2360.5	3009.9	3659.0	4100.7	4542.2	4983.9	5425.4	5934.5
0.0	60°	903.3	1552.9	2202.3	2852.0	3501.4	4010.2	4519.3	5028.2	5537.0	6013.9
0.0	62.5°	704.7	1372.9	2041.4	2709.7	3377.9	3894.6	4411.2	4927.6	5444.2	5802.0
0.0	65°	525.2	1174.1	1823.0	2471.6	3120.5	3534.3	3948.1	4361.7	4775.5	4997.0
0.0	67.5°	379.6	939.3	1498.6	2058.3	2617.7	2913.8	3210.0	3505.9	3802.0	3971.5
	70°	256.7	644.4	1031.8	1419.4	1806.9	2050.2	2293.8	2537.2	2780.6	3009.4
	72.5°	177.7	395.5	613.4	831.2	1048.9	1293.7	1538.4	1783.2	2027.9	2270.0
	75°	117.9	217.0	316.3	415.3	514.4	695.6	877.2	1058.4	1239.7	1384.0
	77.5°	83.7	113.4	143.3	173.0	202.6	236.6	270.8	304.7	338.6	390.2
	80°	39.7	43.5	47.3	50.8	54.6	66.9	79.2	91.5	103.8	116.9
	82.5°	18.9	20.4	21.9	23.1	24.6	25.9	27.2	28.4	29.7	28.4
	85°	5.0	5.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.0
	87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	2.0	1.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
14.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
272.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
890.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1207.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1462.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1711.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2221.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2692.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3503.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4731.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5679.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6134.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6249.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6312.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6443.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6490.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6160.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5218.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4141.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3237.9											
2512.1											
1528.3											
441.7											
130.0											
26.9											
4.8											
1.8											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											
0.0											

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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
0.0	2.5°	16.3	16.1	15.8	15.6	15.3	14.8	14.8	14.6	14.6
0.0	5°	17.8	17.6	17.3	17.1	17.1	16.8	16.6	16.6	16.3
0.0	7.5°	20.4	20.1	19.9	19.6	19.6	19.4	19.4	19.1	19.1
0.0	10°	23.4	23.4	23.4	23.4	23.4	23.1	23.1	23.1	22.9
0.0	12.5°	29.4	29.7	30.2	30.7	31.4	31.4	31.4	31.2	31.2
0.0	15°	46.5	49.3	51.3	53.3	55.1	59.1	58.6	57.8	57.3
0.0	17.5°	117.7	130.2	137.0	143.6	150.3	168.9	165.9	162.9	160.1
0.0	20°	305.0	337.9	359.8	381.6	403.8	438.7	430.2	421.6	413.1
0.0	22.5°	652.4	728.1	761.0	793.9	826.6	868.9	841.5	814.1	786.9
0.0	25°	988.3	1086.6	1142.1	1197.7	1253.0	1277.2	1241.5	1205.5	1169.8
0.0	27.5°	1318.9	1430.0	1479.0	1527.8	1576.8	1627.4	1583.1	1538.6	1494.4
0.0	30°	1583.9	1705.3	1758.3	1811.1	1864.2	1899.4	1853.6	1807.6	1761.9
0.0	32.5°	1843.8	1976.6	2034.6	2092.7	2150.5	2201.1	2144.8	2088.2	2031.9
0.0	35°	2098.5	2250.1	2330.0	2410.0	2489.9	2537.0	2470.1	2403.0	2336.1
0.0	37.5°	2409.2	2596.5	2686.0	2775.5	2865.0	2950.8	2877.1	2803.2	2729.5
0.0	40°	2956.6	3220.8	3358.1	3495.6	3632.8	3743.5	3650.4	3557.4	3464.4
0.0	42.5°	3880.2	4257.3	4454.7	4651.8	4849.2	5021.9	4924.1	4826.3	4728.5
0.0	45°	5233.1	5734.9	5975.5	6215.8	6456.4	6582.6	6441.8	6300.8	6160.0
0.0	47.5°	6179.4	6679.2	6893.4	7107.6	7321.8	7465.8	7293.6	7121.4	6949.4
0.0	50°	6609.8	7085.2	7300.1	7514.8	7729.8	7844.2	7645.3	7446.2	7247.3
0.0	52.5°	6693.0	7137.2	7393.7	7650.3	7906.8	8059.6	7824.8	7589.8	7354.9
0.0	55°	6783.0	7253.9	7551.3	7849.0	8146.4	8358.1	8092.6	7826.8	7561.3
0.0	57.5°	6952.4	7461.5	7758.2	8054.6	8351.3	8531.0	8264.8	7998.3	7732.0
0.0	60°	6967.5	7444.2	7699.1	7954.3	8209.2	8322.4	8067.7	7812.8	7558.1
0.0	62.5°	6517.7	6875.5	7052.5	7229.5	7406.5	7529.4	7263.7	6997.7	6731.9
0.0	65°	5440.2	5661.7	5802.7	5943.8	6084.8	6231.4	5988.0	5744.7	5501.3
0.0	67.5°	4310.6	4480.1	4665.9	4851.7	5037.5	5194.1	4999.2	4804.2	4609.3
	70°	3466.7	3695.2	3904.1	4113.0	4322.0	4450.2	4254.6	4058.7	3863.1
	72.5°	2754.2	2996.3	3170.8	3345.0	3519.5	3550.9	3407.1	3263.3	3119.7
	75°	1672.4	1816.7	1820.2	1823.5	1827.0	1856.9	1737.7	1618.6	1499.6
	77.5°	493.3	544.8	587.3	629.5	672.0	723.3	679.6	635.6	591.8
	80°	142.8	155.9	166.9	177.7	188.8	182.3	172.0	161.7	151.3
	82.5°	25.6	24.1	23.9	23.6	23.6	22.4	20.4	18.4	16.3
	85°	4.5	4.3	4.0	3.8	3.5	3.3	2.8	2.5	2.0
	87.5°	1.5	1.3	1.0	0.8	0.8	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



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048849

CATALOG NUMBER: GALN-SA1A-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°	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
0.0	0.0	2.5°	14.3	14.1	14.1	14.1	14.1	13.8	13.8	13.8	13.8
0.0	0.0	5°	15.8	15.8	15.6	15.6	15.3	15.3	15.1	15.1	14.8
0.0	0.0	7.5°	18.6	18.4	18.1	17.8	17.6	17.1	16.8	16.6	16.6
0.0	0.0	10°	22.4	21.9	21.6	21.1	20.9	20.4	19.9	19.4	18.9
0.0	0.0	12.5°	29.4	28.4	27.7	26.6	25.6	24.9	23.9	23.1	22.1
0.0	0.0	15°	51.0	48.5	45.8	42.5	39.0	35.7	32.2	30.2	27.9
0.0	0.0	17.5°	130.5	117.4	104.1	93.3	82.5	71.9	61.1	53.3	45.5
0.0	0.0	20°	332.1	295.9	259.7	224.0	188.1	152.4	116.4	98.3	80.2
0.0	0.0	22.5°	625.0	557.9	490.5	425.4	360.0	294.9	229.8	188.8	148.1
0.0	0.0	25°	964.7	880.2	795.7	688.6	581.3	474.2	367.1	300.4	233.8
0.0	0.0	27.5°	1255.3	1158.0	1060.7	930.5	800.2	670.0	539.8	440.5	341.4
0.0	0.0	30°	1506.9	1402.4	1297.8	1146.2	994.6	843.0	691.4	567.2	443.0
0.0	0.0	32.5°	1725.2	1600.0	1474.8	1318.4	1162.0	1005.6	849.3	696.9	544.5
0.0	0.0	35°	1976.8	1830.8	1684.4	1511.0	1337.2	1163.8	990.3	818.3	646.1
0.0	0.0	37.5°	2296.6	2117.4	1937.9	1744.5	1551.2	1358.1	1164.8	968.2	771.6
0.0	0.0	40°	2908.8	2677.5	2446.2	2200.6	1954.7	1709.1	1463.4	1222.1	980.7
0.0	0.0	42.5°	4005.7	3693.2	3380.7	3053.9	2726.8	2399.9	2072.9	1732.5	1391.8
0.0	0.0	45°	5243.6	4855.9	4468.0	4101.2	3734.2	3367.4	3000.6	2533.4	2066.3
0.0	0.0	47.5°	5939.8	5521.2	5102.6	4755.4	4408.2	4061.0	3713.8	3210.2	2706.7
0.0	0.0	50°	6195.9	5769.8	5343.7	5024.1	4704.3	4384.8	4065.0	3560.7	3056.1
0.0	0.0	52.5°	6250.5	5815.8	5381.1	5059.6	4738.0	4416.7	4095.2	3594.1	3093.1
0.0	0.0	55°	6362.6	5896.3	5429.7	5063.1	4696.5	4330.0	3963.4	3454.3	2945.2
0.0	0.0	57.5°	6509.2	6031.0	5552.8	5135.3	4717.7	4300.3	3882.7	3326.1	2769.5
0.0	0.0	60°	6470.7	6054.7	5638.3	5191.1	4743.6	4296.3	3848.8	3236.6	2624.2
0.0	0.0	62.5°	5803.0	5471.6	5140.0	4772.2	4404.2	4036.4	3668.5	3038.3	2408.0
0.0	0.0	65°	4774.0	4532.1	4290.3	3994.4	3698.2	3402.3	3106.4	2541.2	1976.3
0.0	0.0	67.5°	3869.2	3596.6	3323.9	3088.0	2852.0	2616.2	2380.1	1935.3	1490.6
		70°	3074.0	2777.6	2480.9	2250.6	2020.1	1789.8	1559.5	1263.8	968.4
		72.5°	2441.2	2173.9	1906.7	1661.1	1415.2	1169.5	923.7	748.9	574.2
		75°	1166.8	1059.9	953.1	824.6	696.1	567.7	439.2	363.0	287.1
		77.5°	432.4	374.8	317.0	264.7	212.4	160.4	108.1	99.1	90.0
		80°	111.9	97.5	83.0	72.7	62.1	51.8	41.5	37.5	33.7
		82.5°	12.8	11.8	11.1	10.6	9.8	9.3	8.5	7.8	7.0
		85°	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA1A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048849

CATALOG NUMBER: GALN-SA1A-740-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	14.6	14.6
0.0	0.0	2.5°	13.6	13.3
0.0	0.0	5°	14.3	14.1
0.0	0.0	7.5°	15.8	15.3
0.0	0.0	10°	17.3	16.8
0.0	0.0	12.5°	19.6	18.9
0.0	0.0	15°	22.1	20.6
0.0	0.0	17.5°	26.4	23.1
0.0	0.0	20°	35.7	27.4
0.0	0.0	22.5°	50.3	34.2
0.0	0.0	25°	73.9	47.3
0.0	0.0	27.5°	102.8	62.9
0.0	0.0	30°	136.8	78.7
0.0	0.0	32.5°	166.7	93.8
0.0	0.0	35°	205.7	109.1
0.0	0.0	37.5°	253.7	128.7
0.0	0.0	40°	328.1	158.4
0.0	0.0	42.5°	462.1	213.2
0.0	0.0	45°	750.5	368.6
0.0	0.0	47.5°	1154.7	609.7
0.0	0.0	50°	1412.7	778.1
0.0	0.0	52.5°	1433.8	776.9
0.0	0.0	55°	1308.8	690.6
0.0	0.0	57.5°	1116.8	577.2
0.0	0.0	60°	928.2	456.6
0.0	0.0	62.5°	731.3	315.3
0.0	0.0	65°	534.5	223.0
0.0	0.0	67.5°	383.9	166.7
		70°	252.4	127.7
		72.5°	164.4	104.1
		75°	110.6	86.2
		77.5°	64.6	57.3
		80°	22.9	20.1
		82.5°	4.3	3.0
		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: P1048849

CATALOG NUMBER: GALN-SA1A-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

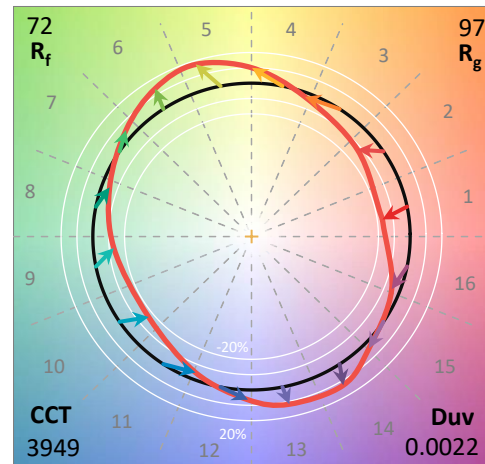
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

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

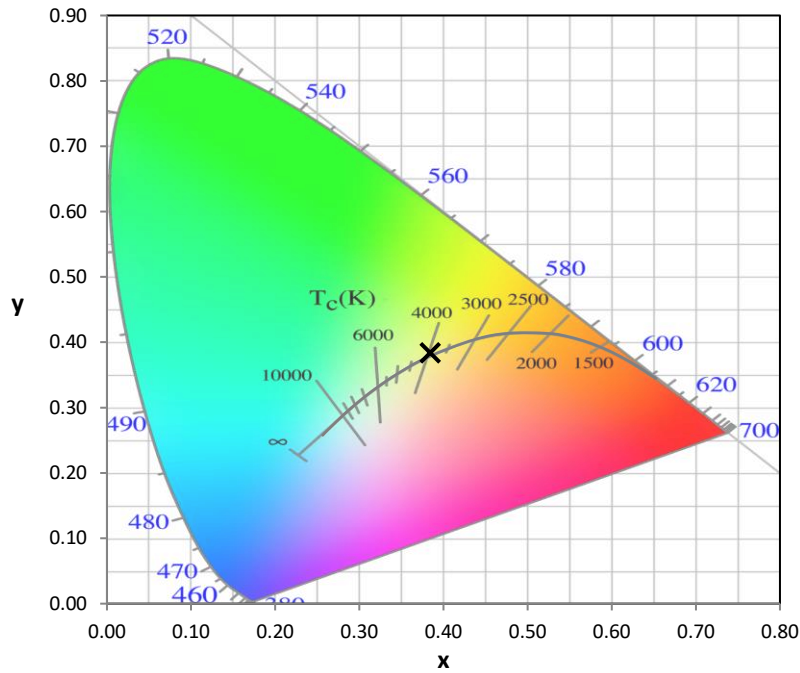
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

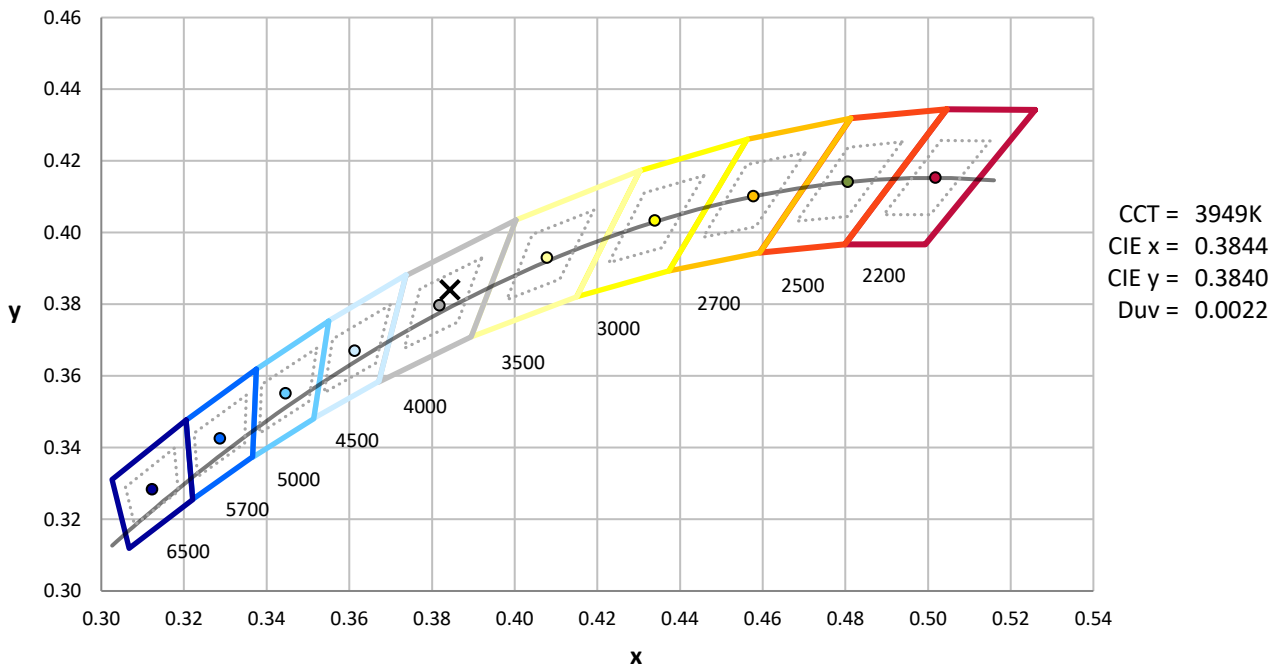
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



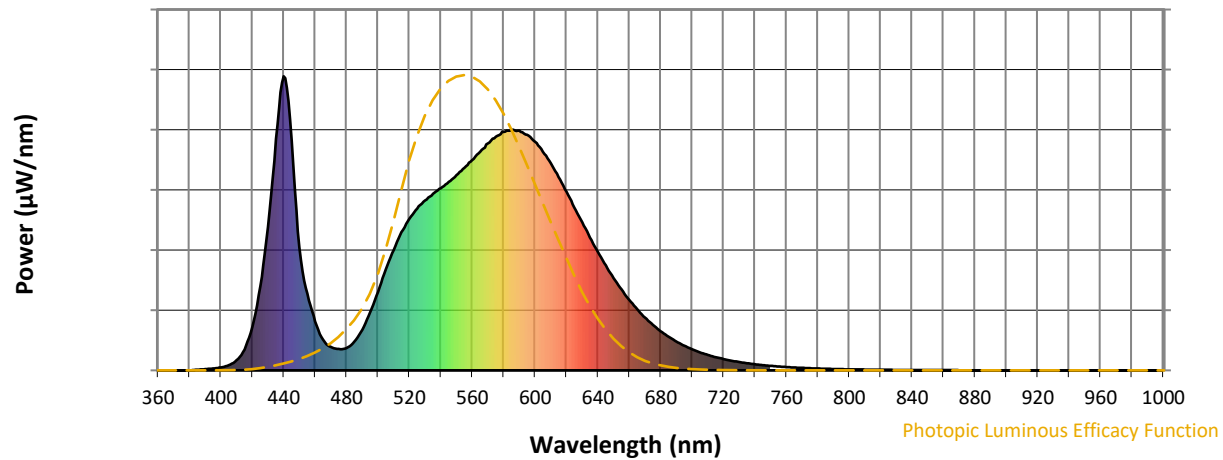
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

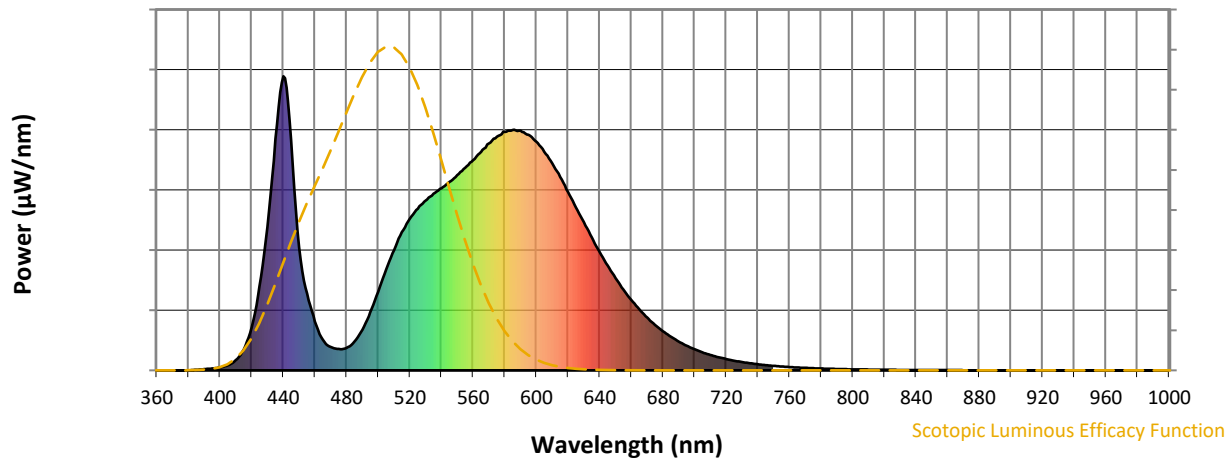


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	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



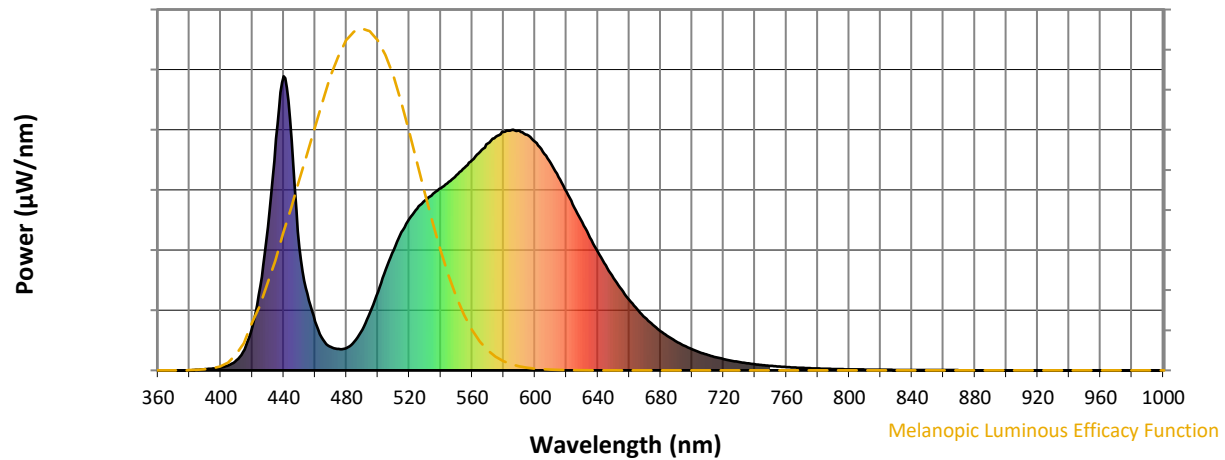
Scotopic Lumens: NR

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

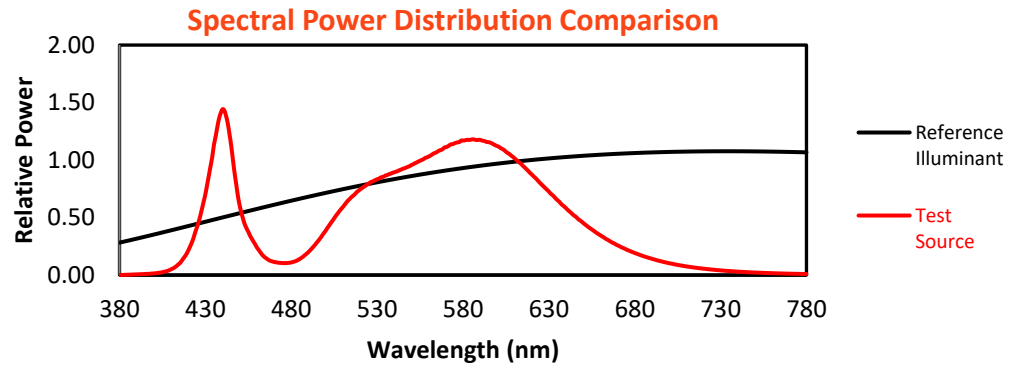
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	139	NR	620	607	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			

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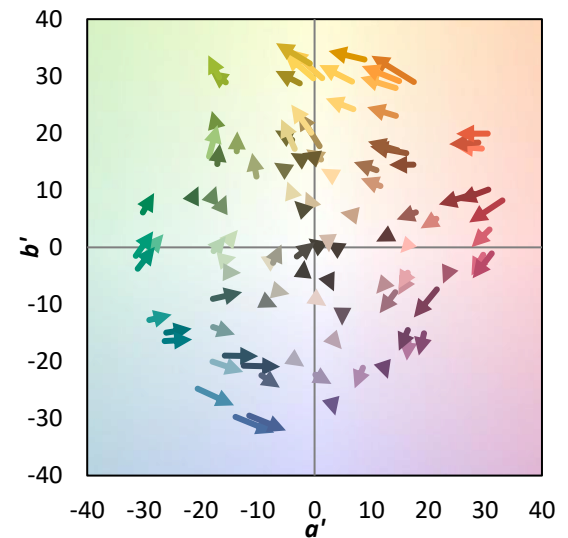
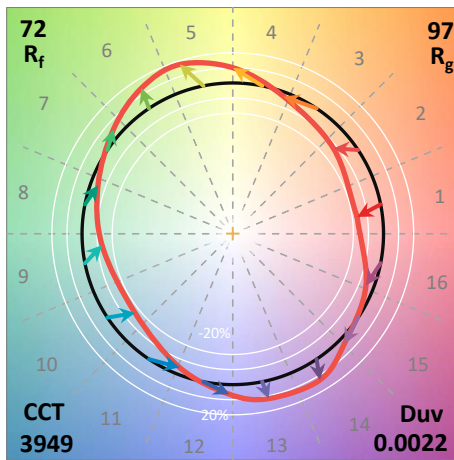
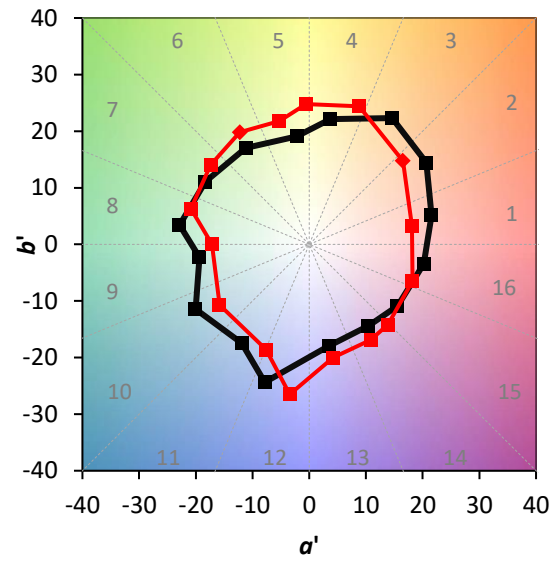
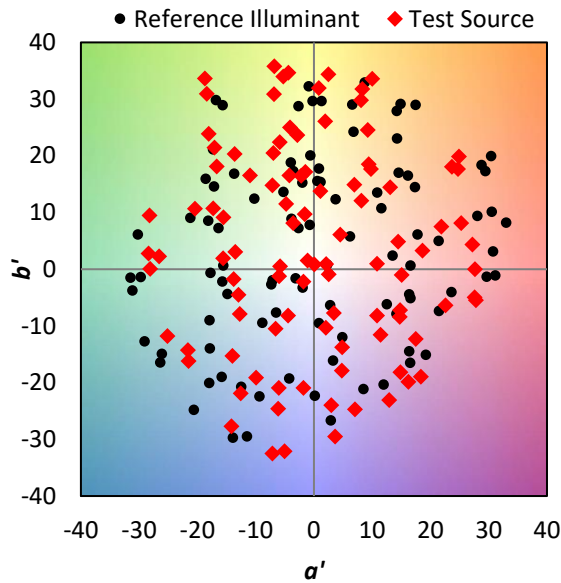
TM-30-18

Summary

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

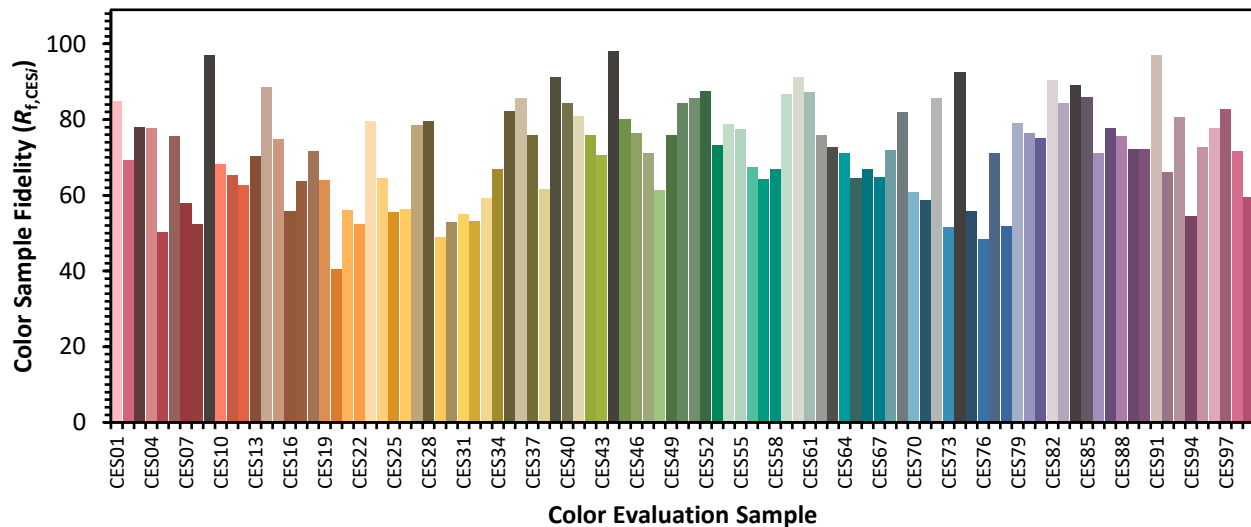


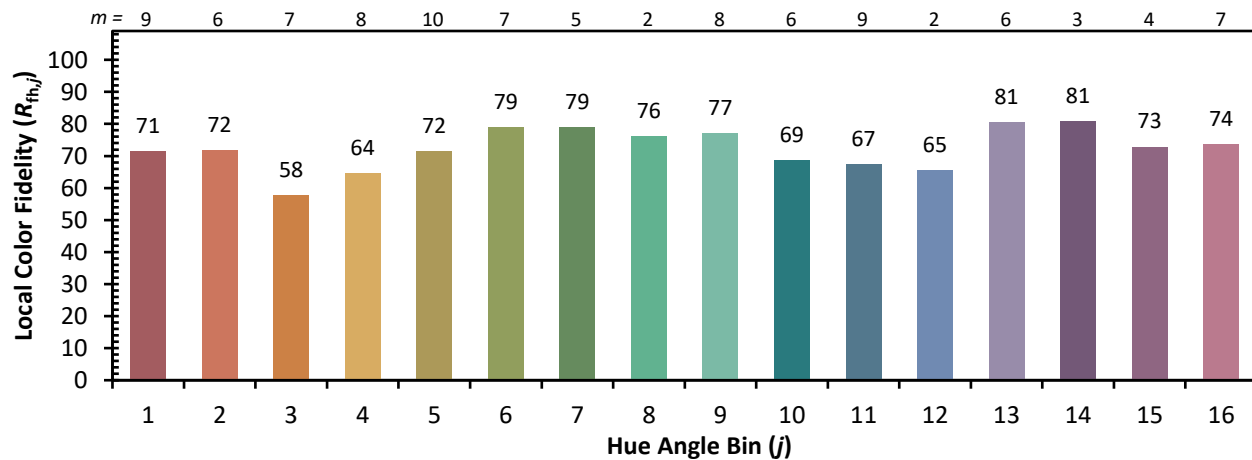
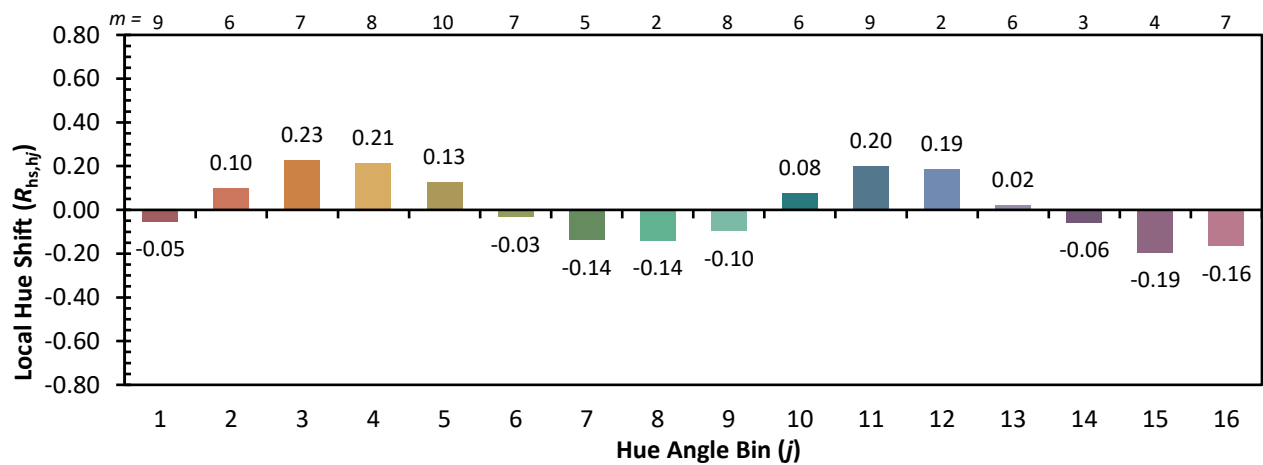
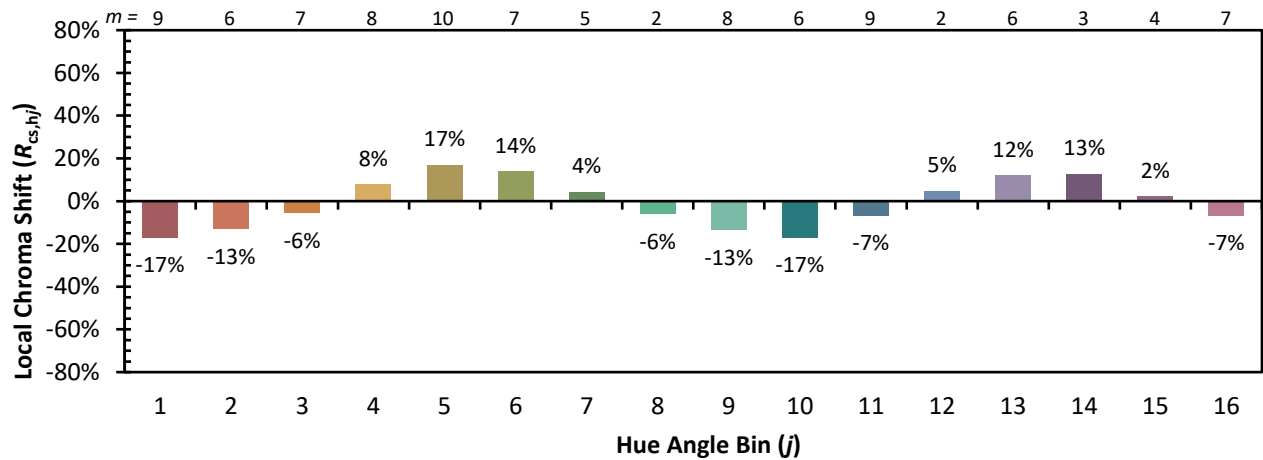
Color Vector Graphics



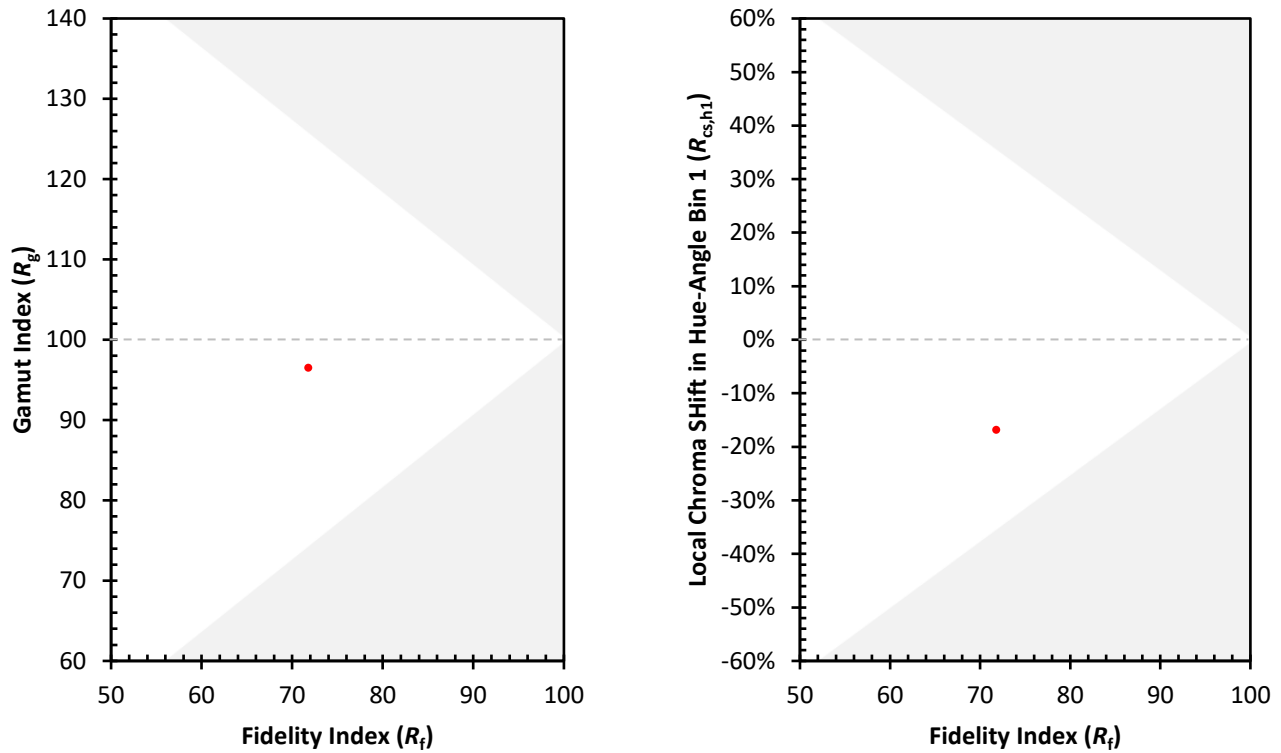
Individual Sample Fidelity Index ($R_{f,i}$)

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)