

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: P1049069

Luminaire Tested: **GALN-SA2A-760-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049069
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-760-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 5700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6704.2 lumens
Efficiency: N/A
Efficacy: 120.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

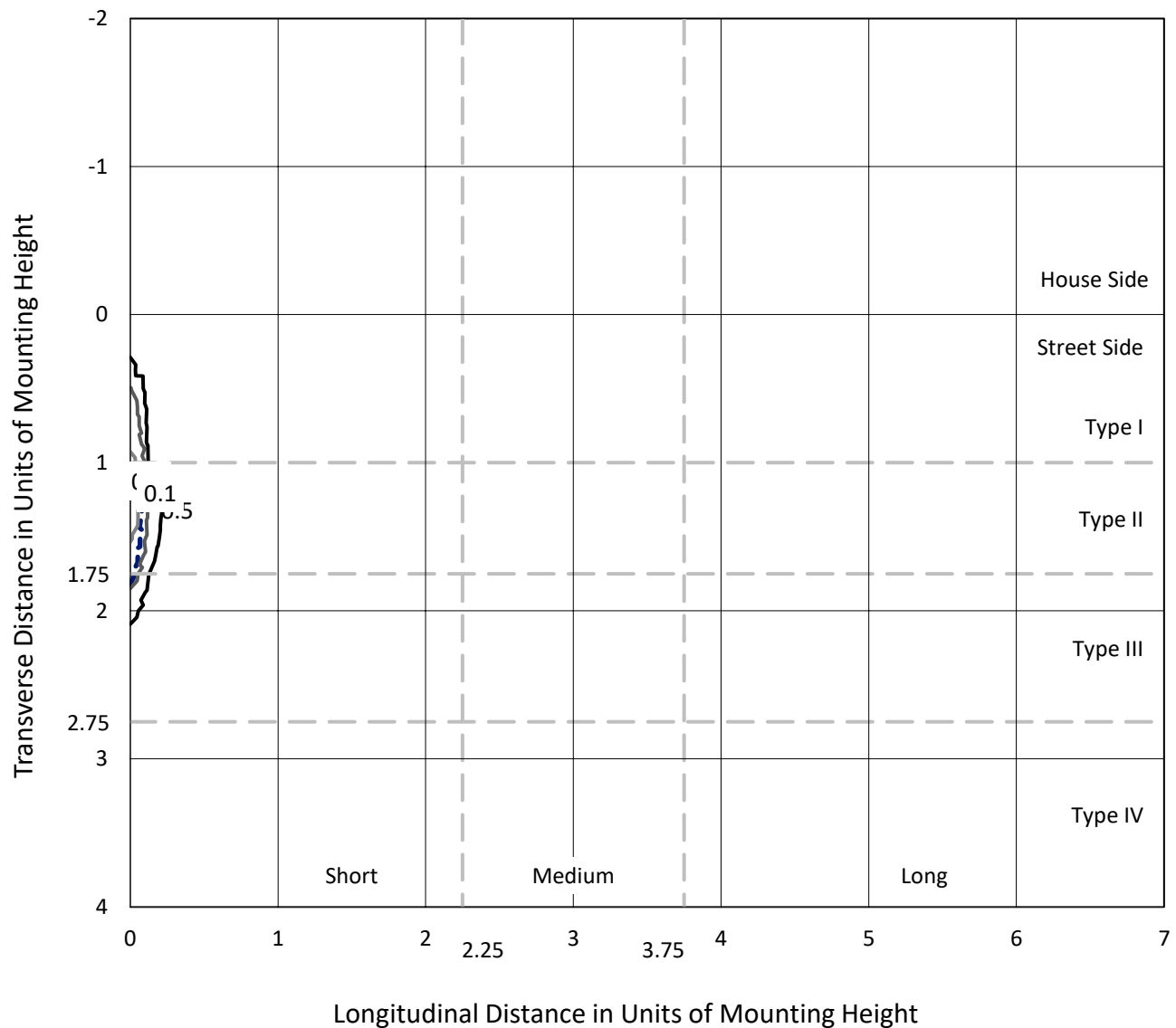
Input Watts (W): 55.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

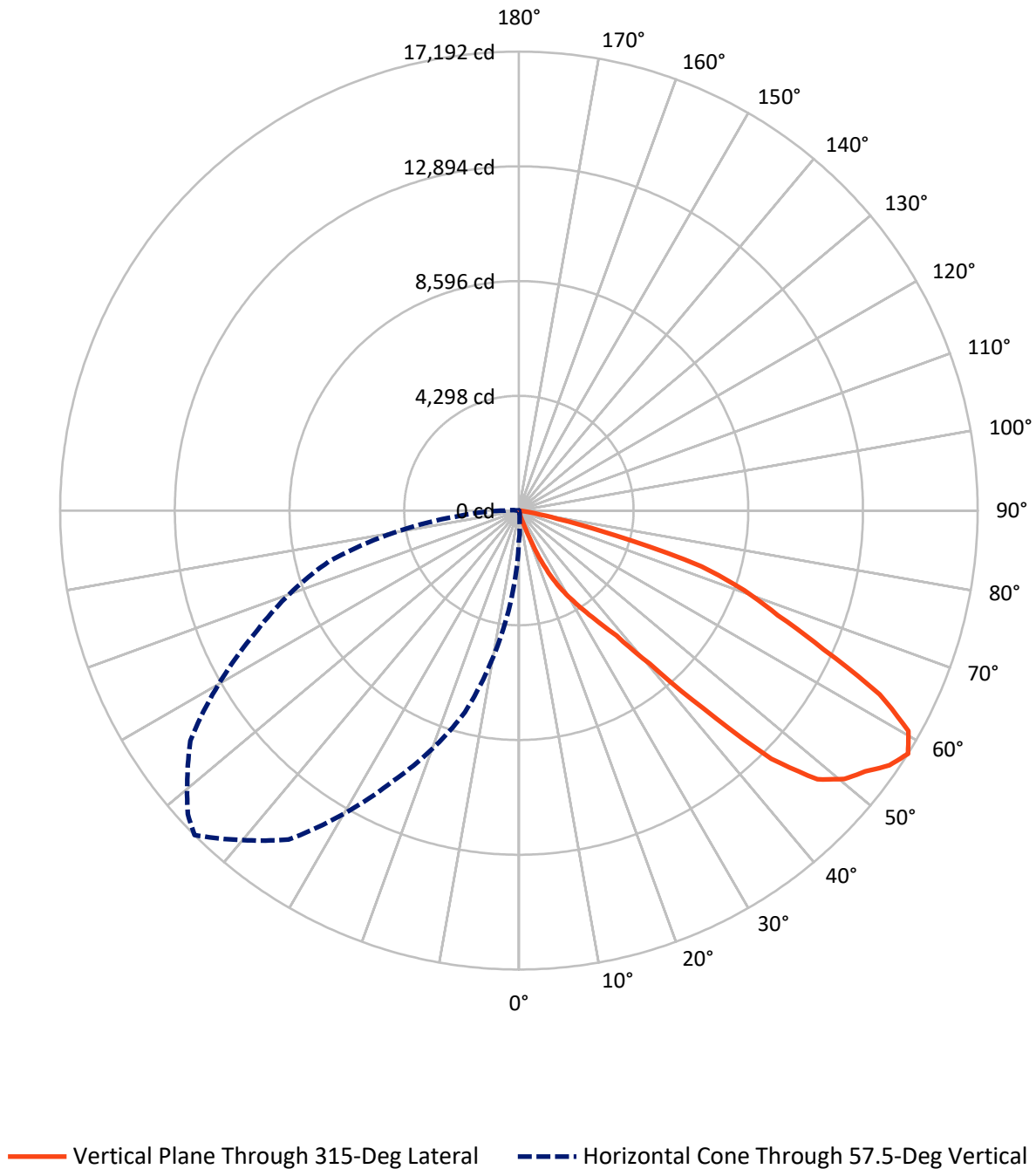
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1 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	33.6	0.0	33.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	6670.6	0.0	6670.6
	% Fixture	99.5	0.0	99.5
Total	Lumens	6704.2	0.0	6704.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.6	0.0
10°-20°	14.7	0.2
20°-30°	158.9	2.4
30°-40°	469.8	7.0
40°-50°	1400.2	20.9
50°-60°	2220.3	33.1
60°-70°	1853.4	27.6
70°-80°	571.5	8.5
80°-90°	12.7	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°	6704.2	100.0
0°-180°	6704.2	100.0



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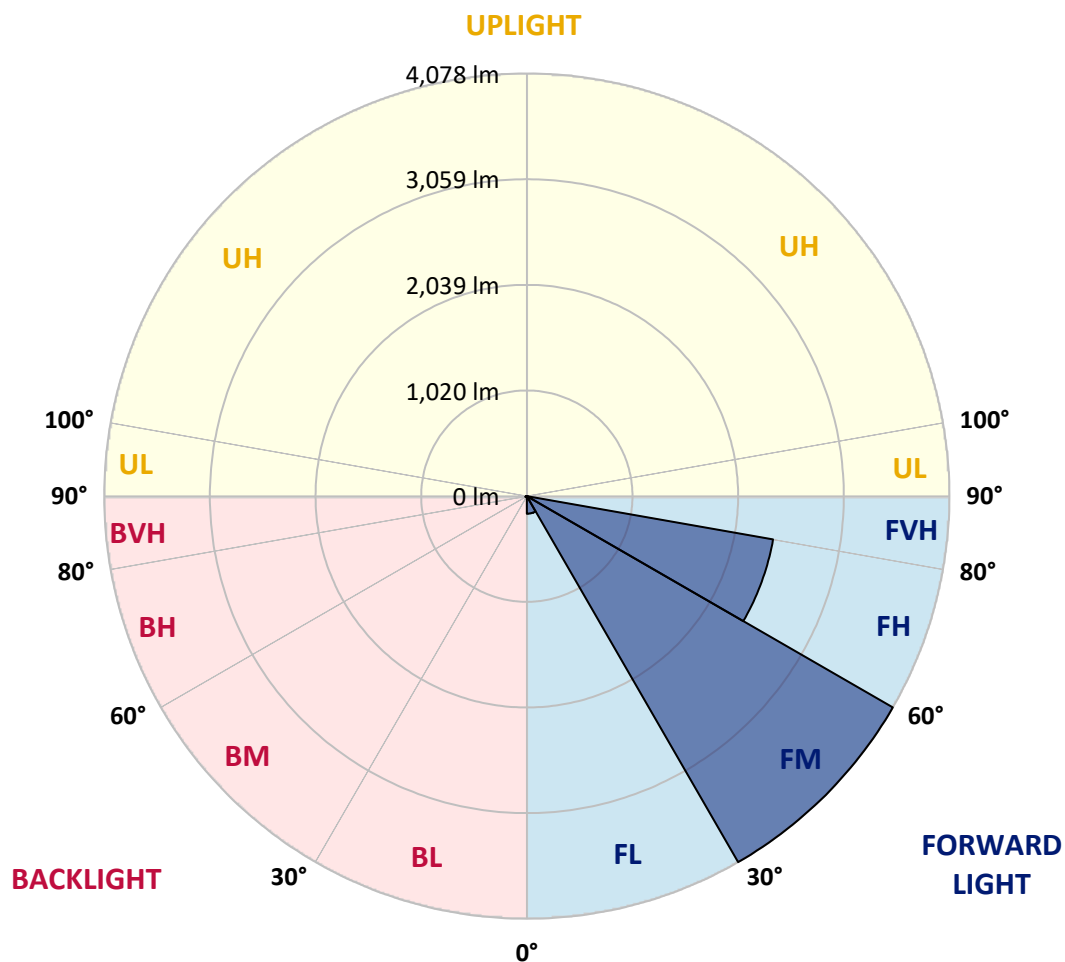
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	170.1	2.5			
FM	(30°-60°)	4078.4	60.8			
FH	(60°-80°)	2412.4	36.0			G2/5000
FVH	(80°-90°)	9.8	0.1			G0/10
BL	(0°-30°)	6.2	0.1	B0/110		
BM	(30°-60°)	12.0	0.2	B0/220		
BH	(60°-80°)	12.5	0.2	B0/110		G0/110
BVH	(80°-90°)	2.9	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
2.5°	26.9	26.9	26.9	26.9	26.3	26.3	25.8	25.8	25.3	25.3
5°	28.4	28.4	27.9	27.4	27.4	26.9	26.3	25.8	25.8	25.3
7.5°	30.9	30.4	29.9	29.4	28.4	27.9	26.9	26.3	25.8	24.8
10°	33.9	32.9	31.9	30.9	29.9	28.9	27.9	27.4	26.3	25.8
12.5°	38.0	36.5	34.5	32.9	31.9	30.4	29.4	28.4	26.9	25.8
15°	41.5	39.5	37.0	35.0	33.4	31.4	29.9	28.4	27.4	25.8
17.5°	46.6	43.1	39.0	36.5	34.5	31.9	29.4	27.9	26.3	24.3
20°	55.2	48.1	40.5	37.5	34.5	31.4	28.4	26.3	24.8	22.8
22.5°	68.9	56.7	44.6	40.0	36.0	31.4	27.4	25.3	23.3	21.3
25°	95.2	73.5	51.7	45.6	39.5	33.4	27.4	24.8	22.8	20.3
27.5°	126.7	94.2	61.3	52.7	44.6	36.0	27.4	24.3	21.8	18.7
30°	158.6	115.5	71.9	60.8	49.6	38.5	27.4	23.8	20.8	17.2
32.5°	189.0	135.3	81.1	67.9	54.7	41.0	27.9	23.8	19.8	15.7
35°	219.9	151.5	82.6	68.9	55.2	41.0	27.4	22.8	18.7	14.2
37.5°	259.4	169.7	79.5	65.9	52.7	39.0	25.8	21.8	17.7	13.2
40°	319.2	200.1	81.1	66.9	52.7	38.5	24.3	20.3	16.7	12.7
42.5°	429.6	258.9	87.6	71.4	55.2	38.5	22.3	18.7	15.7	12.2
45°	742.7	430.1	117.5	93.2	68.9	44.6	20.3	17.2	14.7	11.7
47.5°	1228.6	719.9	211.3	163.1	115.5	67.4	19.8	17.2	14.7	11.7
50°	1568.0	917.0	266.0	204.7	143.4	82.1	20.8	17.7	15.2	12.2
52.5°	1565.5	931.2	296.4	227.5	159.1	90.2	21.8	18.7	16.2	13.2
55°	1391.7	847.1	302.0	232.0	162.6	92.7	23.3	20.3	17.2	14.2
57.5°	1163.2	719.4	275.6	213.3	151.5	89.2	26.9	23.3	20.3	16.7
60°	920.0	567.4	214.8	169.7	125.1	80.0	35.5	30.9	26.9	22.3
62.5°	635.3	411.4	187.5	150.5	114.0	77.0	40.5	36.0	31.9	27.4
65°	449.4	309.6	169.2	137.8	106.9	75.5	44.1	39.0	34.5	29.4
67.5°	335.9	246.2	156.0	129.2	102.3	75.5	48.6	42.6	37.0	30.9
70°	257.4	202.1	146.4	124.6	103.4	81.6	59.8	51.2	43.1	34.5
72.5°	209.7	172.8	135.3	119.6	103.9	88.2	72.4	61.3	50.2	38.5
75°	173.8	147.9	122.1	108.9	96.3	83.1	69.9	59.8	50.2	40.0
77.5°	115.5	105.4	94.7	87.1	79.5	71.4	63.8	55.2	47.1	38.5
80°	40.5	39.0	37.5	40.5	43.6	46.6	49.6	43.6	38.0	31.9
82.5°	6.1	5.6	5.1	5.6	6.1	6.6	7.1	7.6	8.1	8.6
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°	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
0.0	2.5°	24.8	24.8	24.3	24.3	24.3	23.8	23.8	23.3	23.3	23.3
0.0	5°	24.3	24.3	23.8	23.3	22.8	22.8	22.3	21.8	21.8	21.3
0.0	7.5°	23.8	23.3	22.8	22.3	21.8	21.3	20.8	20.3	20.3	19.8
0.0	10°	24.3	23.3	22.8	21.8	21.3	20.8	19.8	19.3	18.7	18.7
0.0	12.5°	23.3	22.8	21.8	20.8	20.3	19.3	18.7	17.7	17.2	17.2
0.0	15°	23.3	22.3	20.8	19.8	18.7	18.2	17.2	16.2	15.7	15.2
0.0	17.5°	21.8	20.8	19.3	18.2	17.2	16.2	15.2	14.2	13.7	13.2
0.0	20°	19.8	18.7	17.2	15.7	14.7	13.7	12.7	11.7	11.1	10.6
0.0	22.5°	17.7	16.7	15.2	13.7	12.7	11.7	10.1	9.1	8.6	7.6
0.0	25°	16.7	15.2	13.7	12.2	10.6	9.6	8.1	6.6	5.6	4.6
0.0	27.5°	14.2	12.7	11.1	9.6	8.1	6.6	5.1	3.5	2.5	2.0
0.0	30°	12.2	10.6	9.1	7.6	5.6	4.1	2.5	0.5	0.5	0.5
0.0	32.5°	10.1	8.6	6.6	5.1	4.1	2.5	1.5	0.0	0.0	0.0
0.0	35°	8.1	6.6	4.6	3.0	2.5	1.5	1.0	0.0	0.0	0.0
0.0	37.5°	7.1	5.6	3.5	1.5	1.0	1.0	0.5	0.0	0.0	0.0
0.0	40°	6.6	4.6	2.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
0.0	42.5°	6.6	4.6	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	6.6	4.6	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	6.6	4.6	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	7.1	5.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	8.1	6.1	4.1	2.0	1.5	1.0	0.5	0.0	0.0	0.0
0.0	55°	10.1	9.1	7.6	6.6	5.1	3.5	1.5	0.0	0.0	0.0
0.0	57.5°	13.2	13.2	12.7	12.2	9.1	6.1	3.0	0.0	0.0	0.0
0.0	60°	17.7	17.7	17.7	17.7	13.2	9.1	4.6	0.0	0.0	0.0
0.0	62.5°	21.8	20.8	19.3	18.2	13.7	9.1	4.6	0.0	0.0	0.0
0.0	65°	21.8	19.8	17.2	14.7	11.1	7.6	3.5	0.0	0.0	0.0
0.0	67.5°	20.3	16.2	11.7	7.6	5.6	4.1	2.0	0.0	0.0	0.0
	70°	20.3	14.2	8.1	2.0	1.5	1.0	0.5	0.0	0.0	0.0
	72.5°	20.3	13.7	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	22.3	15.2	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	22.3	15.2	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	19.8	13.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	6.6	4.6	2.0	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):

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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°	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
0.0	2.5°	22.8	22.8	22.8	22.3	22.3	22.3	22.3	21.8	21.8	21.8
0.0	5°	20.8	20.8	20.3	20.3	19.8	19.8	19.3	19.3	18.7	18.7
0.0	7.5°	19.3	18.7	18.7	18.2	17.7	17.7	17.2	17.2	16.7	16.2
0.0	10°	17.7	17.2	17.2	16.7	16.2	15.7	15.7	15.2	14.7	14.2
0.0	12.5°	16.2	15.7	15.2	14.7	14.2	13.7	13.7	13.2	12.7	12.2
0.0	15°	14.2	13.7	13.2	12.7	12.2	11.7	11.7	11.1	10.6	10.1
0.0	17.5°	12.2	11.7	11.7	11.1	10.6	10.1	9.6	8.6	8.1	7.6
0.0	20°	9.1	8.6	8.1	7.6	7.1	6.1	5.6	4.6	3.5	3.0
0.0	22.5°	6.1	5.1	4.6	3.5	2.5	2.0	1.5	0.5	0.0	0.0
0.0	25°	2.0	1.5	1.0	0.5	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: P1049069

CATALOG NUMBER: GALN-SA2A-760-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049069

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CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
0.0	2.5°	21.3	21.3	21.3	20.8	20.8	20.8	20.8	20.8	20.8	20.8
0.0	5°	18.2	18.2	18.2	17.7	17.7	17.2	17.2	17.2	16.7	16.7
0.0	7.5°	15.7	15.2	15.2	14.7	14.7	14.2	14.2	14.2	13.7	13.7
0.0	10°	13.2	12.7	12.7	12.2	12.2	11.7	11.7	11.1	11.1	10.6
0.0	12.5°	11.7	11.1	10.6	10.1	10.1	9.6	9.1	9.1	8.6	8.1
0.0	15°	9.1	8.6	8.1	7.6	7.1	6.6	6.1	6.1	5.6	5.1
0.0	17.5°	6.1	5.1	4.6	4.1	4.1	3.5	3.0	2.5	2.0	1.5
0.0	20°	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049069

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CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
0.0	2.5°	20.8	20.3	20.3	20.3	20.8	20.8	20.8	20.8	20.8	20.8
0.0	5°	16.7	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
0.0	7.5°	13.7	13.2	13.2	13.2	13.2	12.7	12.7	12.7	12.7	12.7
0.0	10°	10.6	10.1	10.1	10.1	10.1	9.6	9.6	9.6	9.6	9.6
0.0	12.5°	7.6	7.6	7.1	7.1	7.1	6.6	6.6	6.6	6.6	6.1
0.0	15°	4.6	4.1	3.5	3.5	3.5	3.0	3.0	3.0	3.0	2.5
0.0	17.5°	1.0	1.0	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA2A-760-U-RBC

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
0.0	2.5°	21.3	21.3	21.8	21.8	22.3	23.3	23.8	24.3	25.3	26.3
0.0	5°	16.7	17.2	17.2	17.7	18.2	18.7	19.3	19.8	20.8	21.8
0.0	7.5°	13.2	13.2	13.7	13.7	14.2	15.2	15.7	16.2	17.2	18.7
0.0	10°	10.1	10.1	10.6	10.6	11.1	12.2	12.7	13.2	14.2	15.7
0.0	12.5°	6.6	7.1	7.1	7.6	8.1	9.1	9.6	10.1	11.1	12.2
0.0	15°	3.0	3.5	3.5	4.1	4.6	5.6	6.1	6.6	7.6	9.1
0.0	17.5°	0.5	0.5	1.0	1.0	1.5	2.0	2.5	3.0	4.6	5.6
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
0.0	2.5°	27.9	28.9	29.9	30.9	31.9	32.9	33.4	34.5	35.0	35.5
0.0	5°	23.8	24.8	26.3	27.4	28.4	29.4	30.4	30.9	31.4	31.9
0.0	7.5°	20.8	21.8	23.3	24.3	25.3	26.3	27.4	28.4	28.9	29.4
0.0	10°	17.7	19.3	20.3	21.8	22.8	23.8	24.8	25.8	26.9	27.4
0.0	12.5°	14.2	15.7	17.2	18.2	19.8	21.3	22.3	23.3	24.3	25.3
0.0	15°	11.1	12.7	14.2	15.2	16.7	18.2	19.8	20.8	21.8	22.8
0.0	17.5°	8.1	9.6	11.1	12.2	13.7	15.2	16.2	17.7	18.7	19.8
0.0	20°	4.1	5.6	7.1	8.6	10.1	11.7	12.7	14.2	15.2	16.2
0.0	22.5°	0.5	2.0	3.5	4.6	6.1	7.6	8.6	10.1	11.1	12.2
0.0	25°	0.0	0.5	1.5	2.0	2.5	3.5	4.6	5.6	6.6	7.6
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.5	1.0	2.0	3.0	4.1
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	1.0
	85°	0.0	0.0	0.0	0.0	0.0	1.0	1.5	2.5	3.0	3.5
	87.5°	0.0	0.5	1.0	1.5	2.0	3.0	4.1	5.1	5.6	6.1
	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: P1049069

CATALOG NUMBER: GALN-SA2A-760-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
29.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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0.0											
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0.0											
0.5											
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REPORT NUMBER: P1049069

CATALOG NUMBER: GALN-SA2A-760-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
0.0	2.5°	36.0	36.0	36.0	36.0	35.5	35.5	35.5	35.0	35.0	34.5
0.0	5°	32.9	33.4	33.4	33.4	33.4	33.4	33.4	33.4	32.9	32.9
0.0	7.5°	30.4	30.9	31.4	31.4	31.9	31.9	31.9	31.4	31.4	30.9
0.0	10°	28.9	29.4	29.4	29.9	29.9	29.9	29.9	29.9	29.9	29.9
0.0	12.5°	26.9	27.4	27.9	27.9	28.4	28.4	28.4	28.4	27.9	27.9
0.0	15°	24.3	25.3	25.8	26.3	26.3	26.9	26.9	26.9	26.9	26.9
0.0	17.5°	22.3	23.3	23.8	24.3	24.3	24.8	24.8	25.3	25.3	25.3
0.0	20°	18.2	19.3	19.8	20.8	21.3	21.8	22.3	22.8	22.8	23.3
0.0	22.5°	14.2	15.2	15.7	16.7	17.2	17.7	18.2	18.7	19.3	19.8
0.0	25°	10.1	11.1	11.7	12.7	13.2	13.7	14.2	14.7	14.7	15.2
0.0	27.5°	5.6	6.6	7.6	8.1	9.1	9.6	10.1	10.6	11.1	11.7
0.0	30°	2.5	3.0	3.5	4.6	5.1	5.6	6.1	7.1	7.6	8.1
0.0	32.5°	0.0	0.0	0.5	1.5	2.0	2.5	3.0	3.5	3.5	4.1
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.5	2.0
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°	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	82.5°	2.5	3.0	3.5	3.5	4.1	4.1	4.1	4.1	3.5	3.5
	85°	5.1	5.6	6.1	6.1	6.6	6.6	6.6	6.6	6.6	6.6
	87.5°	7.1	7.6	8.1	8.1	8.6	8.6	8.6	8.6	8.6	8.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049069

CATALOG NUMBER: GALN-SA2A-760-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
29.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	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: P1049069

CATALOG NUMBER: GALN-SA2A-760-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°	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
0.0	2.5°	33.9	33.9	33.4	33.4	33.4	33.4	33.4	33.9	34.5	34.5
0.0	5°	32.4	32.4	31.9	31.9	31.9	32.4	32.4	32.9	33.4	33.9
0.0	7.5°	30.9	30.4	30.4	30.9	30.9	31.4	31.4	31.9	32.4	32.9
0.0	10°	29.9	29.4	29.4	29.4	29.9	29.9	30.4	30.9	31.4	31.9
0.0	12.5°	27.9	27.9	27.9	27.9	28.4	28.4	28.9	29.4	30.4	30.9
0.0	15°	26.9	26.3	26.3	26.3	26.3	26.9	26.9	27.9	28.9	29.4
0.0	17.5°	24.8	24.8	24.3	24.3	24.8	24.8	25.3	26.3	27.4	27.9
0.0	20°	22.8	22.3	21.8	21.8	22.3	22.3	22.8	23.8	24.8	25.3
0.0	22.5°	19.8	19.3	19.3	19.3	19.3	19.8	19.8	20.8	22.3	23.3
0.0	25°	15.7	16.2	16.2	16.7	16.7	17.2	17.7	18.7	20.3	21.3
0.0	27.5°	12.2	12.7	12.7	13.7	14.2	14.7	15.2	16.7	18.2	19.3
0.0	30°	9.1	9.6	10.1	10.6	11.7	12.7	13.7	15.2	16.7	17.7
0.0	32.5°	5.6	6.6	7.1	8.1	9.1	10.1	11.1	12.7	14.7	16.2
0.0	35°	4.1	4.6	5.6	6.1	7.1	8.1	9.1	11.1	12.7	14.7
0.0	37.5°	2.0	3.0	4.1	5.1	6.1	7.1	8.1	10.1	12.2	13.7
0.0	40°	1.5	2.5	3.0	4.1	5.6	6.6	7.6	9.6	11.7	13.7
0.0	42.5°	1.0	1.5	2.0	3.5	4.6	6.1	7.6	9.6	11.7	13.7
0.0	45°	1.0	1.0	1.5	3.0	4.6	6.6	8.1	10.1	11.7	13.7
0.0	47.5°	1.0	1.5	2.0	4.1	5.1	6.6	8.1	9.6	11.7	13.2
0.0	50°	1.5	2.0	2.5	4.6	5.6	7.1	8.1	10.1	11.7	13.7
0.0	52.5°	1.0	1.5	2.0	4.1	5.6	7.6	9.1	11.1	13.2	14.7
0.0	55°	0.5	0.5	0.5	3.0	6.1	8.6	11.7	13.2	15.2	16.7
0.0	57.5°	0.0	0.0	0.0	2.0	6.1	9.6	13.2	15.2	17.2	18.7
0.0	60°	0.0	0.0	0.0	2.0	6.1	9.6	13.2	15.7	18.2	20.8
0.0	62.5°	0.0	0.0	0.0	2.0	5.1	8.1	11.1	15.2	19.8	23.8
0.0	65°	0.0	0.0	0.0	1.5	4.1	6.6	9.1	15.2	21.3	26.9
0.0	67.5°	0.0	0.0	0.0	1.5	4.1	6.1	8.6	15.2	21.3	27.9
	70°	0.0	0.0	0.0	1.5	4.1	6.6	9.1	15.2	21.3	27.4
	72.5°	0.0	0.0	0.0	1.5	4.6	7.1	10.1	15.2	20.3	25.3
	75°	0.0	0.0	0.0	2.0	4.6	7.6	10.6	15.2	19.8	23.8
	77.5°	0.0	0.0	0.0	1.5	4.6	7.1	10.1	14.7	19.3	23.3
	80°	1.5	1.0	1.0	2.5	4.6	6.6	8.6	13.2	18.2	22.8
	82.5°	3.0	3.0	2.5	3.5	4.6	6.1	7.6	11.7	16.2	20.3
	85°	6.1	6.1	5.6	6.1	6.1	6.6	7.1	9.1	11.1	13.2
	87.5°	8.1	8.1	7.6	7.6	7.6	7.1	7.1	7.1	7.1	6.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049069

CATALOG NUMBER: GALN-SA2A-760-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
29.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.4											
30.4											
28.4											
27.9											
27.4											
24.3											
15.2											
6.6											
0.0											
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REPORT NUMBER: P1049069

CATALOG NUMBER: GALN-SA2A-760-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
0.0	2.5°	35.5	36.0	36.0	36.5	37.0	37.5	37.5	38.0	38.0	38.0
0.0	5°	35.0	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	39.5
0.0	7.5°	34.5	35.0	36.0	36.5	37.5	38.0	39.0	39.5	40.0	40.5
0.0	10°	33.4	34.5	35.5	36.5	37.5	38.5	39.5	40.5	41.5	42.1
0.0	12.5°	32.4	33.9	35.0	36.0	37.5	39.0	40.0	41.5	42.6	43.6
0.0	15°	31.9	32.9	34.5	35.5	37.5	39.5	41.0	43.1	45.1	46.6
0.0	17.5°	30.4	32.4	33.9	35.5	37.5	40.0	42.1	44.1	47.1	50.2
0.0	20°	28.4	29.9	31.9	33.4	36.5	39.0	42.1	44.6	49.1	53.7
0.0	22.5°	26.3	28.4	29.9	31.9	35.5	38.5	42.1	45.1	52.7	59.8
0.0	25°	24.3	26.9	28.9	30.9	35.0	39.0	43.1	47.1	59.8	72.4
0.0	27.5°	23.3	25.3	27.9	29.9	35.0	40.5	45.6	50.7	70.9	90.7
0.0	30°	21.8	24.3	26.3	28.9	35.5	42.1	48.6	55.2	86.1	117.0
0.0	32.5°	20.3	22.8	25.3	27.9	36.5	45.1	53.2	61.8	102.3	142.4
0.0	35°	18.7	21.8	24.3	26.9	38.0	49.6	60.8	71.9	117.0	161.6
0.0	37.5°	18.2	21.3	23.8	26.3	38.5	50.2	62.3	74.0	118.6	163.1
0.0	40°	18.7	21.3	24.3	26.9	37.0	47.1	56.7	66.9	113.5	159.6
0.0	42.5°	18.7	21.8	24.8	27.9	36.0	44.1	52.2	60.3	112.0	163.6
0.0	45°	18.2	21.3	24.3	27.4	35.0	42.1	49.6	56.7	121.1	184.9
0.0	47.5°	17.7	20.8	23.8	26.9	34.5	42.1	49.6	57.2	156.5	255.3
0.0	50°	17.7	20.8	23.3	25.8	35.0	44.6	53.7	62.8	228.0	392.6
0.0	52.5°	18.7	21.3	23.3	25.3	36.0	47.1	57.8	68.4	289.8	510.7
0.0	55°	20.3	21.8	23.8	25.3	38.5	51.2	64.3	77.0	308.5	540.1
0.0	57.5°	22.3	23.8	25.3	26.9	43.1	59.3	75.0	91.2	310.1	528.4
0.0	60°	24.8	26.9	28.4	29.9	47.1	64.8	82.1	99.3	280.7	461.5
0.0	62.5°	30.4	32.9	35.0	37.5	54.2	70.4	87.1	103.4	233.1	362.7
0.0	65°	35.0	37.0	39.0	41.0	57.2	74.0	90.2	106.4	197.6	288.8
0.0	67.5°	36.0	38.0	39.5	41.5	58.3	75.0	91.2	107.9	169.2	230.0
	70°	36.5	39.0	42.1	44.6	61.8	79.0	95.8	113.0	150.0	186.9
	72.5°	35.0	40.0	44.6	49.1	65.4	81.1	97.3	113.0	139.3	165.7
	75°	35.0	42.1	48.6	55.2	67.4	79.0	91.2	102.8	123.1	143.4
	77.5°	37.0	46.1	55.2	64.3	71.4	78.0	85.1	91.7	104.9	118.0
	80°	37.0	46.6	55.7	65.4	68.4	71.9	75.0	78.0	79.5	81.1
	82.5°	31.9	39.5	47.1	54.7	51.2	47.6	44.1	40.5	38.0	35.0
	85°	16.2	17.7	18.7	19.8	18.2	16.7	15.2	13.7	12.7	11.1
	87.5°	6.6	6.6	6.1	6.1	6.1	6.1	5.6	5.6	5.6	5.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049069

CATALOG NUMBER: GALN-SA2A-760-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
29.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
203.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
253.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
288.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
314.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
340.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
390.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
491.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
749.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1148.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1445.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1478.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1334.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1140.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
891.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
673.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
497.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
352.1											
261.9											
190.5											
143.4											
80.6											
36.5											
10.6											
5.1											
0.0											
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REPORT NUMBER: P1049069

CATALOG NUMBER: GALN-SA2A-760-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°	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
0.0	2.5°	38.0	37.5	37.5	37.0	36.5	36.0	35.5	35.0	34.5	33.9
0.0	5°	39.5	39.5	39.5	39.0	39.0	38.5	38.5	38.0	37.5	37.0
0.0	7.5°	41.0	41.5	41.5	42.1	42.1	42.1	42.1	41.5	41.5	41.5
0.0	10°	43.6	44.1	44.6	45.1	45.6	46.1	46.1	46.6	46.6	46.6
0.0	12.5°	46.6	48.1	49.1	50.7	51.7	53.2	54.2	55.7	56.7	57.8
0.0	15°	51.2	53.7	56.7	59.3	61.8	65.4	69.4	73.0	76.5	82.1
0.0	17.5°	57.8	65.9	74.0	81.6	89.7	107.4	125.1	142.4	160.1	185.9
0.0	20°	70.4	94.7	118.6	142.9	166.7	229.0	290.8	353.1	414.9	481.3
0.0	22.5°	98.8	158.6	218.4	278.1	337.9	468.1	597.8	728.0	857.7	1010.2
0.0	25°	143.4	253.3	363.3	472.7	582.6	786.3	990.5	1194.1	1397.8	1595.9
0.0	27.5°	208.7	376.9	545.1	712.8	881.0	1157.1	1433.8	1709.9	1986.0	2209.9
0.0	30°	289.3	517.3	745.3	973.2	1201.2	1515.3	1829.4	2143.1	2457.2	2701.9
0.0	32.5°	365.3	644.4	923.6	1202.2	1481.4	1839.1	2197.3	2554.9	2912.6	3180.1
0.0	35°	414.9	752.3	1090.3	1427.7	1765.1	2152.2	2539.2	2925.8	3312.9	3618.4
0.0	37.5°	464.6	854.2	1243.3	1632.9	2022.0	2447.0	2872.1	3297.2	3722.2	4099.7
0.0	40°	520.3	977.3	1433.8	1890.8	2347.2	2850.8	3353.9	3857.5	4360.6	4893.1
0.0	42.5°	617.1	1181.5	1746.4	2310.7	2875.1	3541.4	4207.6	4873.3	5539.5	6299.5
0.0	45°	799.0	1594.4	2390.3	3185.7	3981.1	4863.7	5746.7	6629.3	7511.8	8523.1
0.0	47.5°	1244.3	2338.6	3432.4	4526.8	5620.6	6573.6	7526.0	8479.0	9431.5	10438.6
0.0	50°	1903.9	3177.6	4451.3	5724.4	6998.1	7860.4	8722.2	9584.5	10446.2	11404.3
0.0	52.5°	2381.2	3708.0	5035.4	6362.3	7689.2	8467.3	9246.0	10024.2	10802.4	11697.6
0.0	55°	2417.1	3736.4	5056.2	6375.5	7694.7	8476.5	9258.2	10039.9	10821.7	11770.6
0.0	57.5°	2140.0	3448.6	4756.8	6065.4	7373.5	8263.7	9153.3	10043.5	10933.1	11959.1
0.0	60°	1820.3	3129.5	4438.1	5747.2	7055.9	8081.3	9107.2	10132.6	11158.1	12119.1
0.0	62.5°	1420.1	2766.7	4113.9	5460.5	6807.1	7848.2	8889.4	9930.0	10971.1	11692.1
0.0	65°	1058.4	2366.0	3673.6	4980.7	6288.3	7122.2	7956.2	8789.6	9623.5	10069.8
0.0	67.5°	765.0	1892.8	3020.0	4147.8	5275.1	5871.9	6468.7	7065.0	7661.8	8003.3
	70°	517.3	1298.5	2079.2	2860.4	3641.2	4131.6	4622.5	5112.9	5603.4	6064.4
	72.5°	358.2	796.9	1236.2	1674.9	2113.7	2607.1	3100.1	3593.5	4086.5	4574.4
	75°	237.6	437.2	637.3	837.0	1036.6	1401.9	1767.6	2132.9	2498.2	2789.0
	77.5°	168.7	228.5	288.8	348.6	408.3	476.7	545.6	614.0	682.4	786.3
	80°	80.0	87.6	95.2	102.3	109.9	134.8	159.6	184.4	209.2	235.6
	82.5°	38.0	41.0	44.1	46.6	49.6	52.2	54.7	57.2	59.8	57.2
	85°	10.1	10.1	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.1
	87.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.1	4.1	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
29.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
211.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
548.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1162.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1794.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2433.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2947.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3448.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3923.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4477.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5425.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7059.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9534.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11445.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12362.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12592.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12720.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12985.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13079.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12413.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10516.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8345.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6524.9											
5062.3											
3079.8											
890.2											
261.9											
54.2											
9.6											
3.5											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049069

CATALOG NUMBER: GALN-SA2A-760-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
0.0	2.5°	32.9	32.4	31.9	31.4	30.9	29.9	29.9	29.4	29.4
0.0	5°	36.0	35.5	35.0	34.5	34.5	33.9	33.4	33.4	32.9
0.0	7.5°	41.0	40.5	40.0	39.5	39.5	39.0	39.0	38.5	38.5
0.0	10°	47.1	47.1	47.1	47.1	47.1	46.6	46.6	46.6	46.1
0.0	12.5°	59.3	59.8	60.8	61.8	63.3	63.3	63.3	62.8	62.8
0.0	15°	93.7	99.3	103.4	107.4	111.0	119.1	118.0	116.5	115.5
0.0	17.5°	237.1	262.4	276.1	289.3	303.0	340.5	334.4	328.3	322.7
0.0	20°	614.5	680.9	725.0	769.1	813.7	884.1	866.8	849.6	832.4
0.0	22.5°	1314.7	1467.2	1533.6	1599.9	1665.8	1750.9	1695.7	1640.5	1585.8
0.0	25°	1991.6	2189.7	2301.6	2413.6	2525.1	2573.7	2501.7	2429.3	2357.4
0.0	27.5°	2657.8	2881.7	2980.5	3078.8	3177.6	3279.4	3190.3	3100.6	3011.4
0.0	30°	3191.8	3436.5	3543.4	3649.8	3756.7	3827.6	3735.4	3642.7	3550.5
0.0	32.5°	3715.6	3983.1	4100.2	4217.2	4333.7	4435.6	4322.1	4208.1	4094.6
0.0	35°	4228.9	4534.4	4695.5	4856.6	5017.7	5112.4	4977.7	4842.4	4707.6
0.0	37.5°	4855.1	5232.5	5412.9	5593.2	5773.6	5946.3	5797.9	5648.9	5500.5
0.0	40°	5958.0	6490.5	6767.1	7044.2	7320.8	7543.8	7356.3	7168.8	6981.4
0.0	42.5°	7819.4	8579.3	8977.0	9374.2	9771.9	10120.0	9922.9	9725.8	9528.7
0.0	45°	10545.5	11556.8	12041.6	12526.0	13010.8	13265.1	12981.4	12697.2	12413.5
0.0	47.5°	12452.5	13459.7	13891.3	14323.0	14754.6	15044.9	14697.9	14350.9	14004.3
0.0	50°	13319.9	14277.9	14711.1	15143.7	15576.9	15807.4	15406.7	15005.4	14604.7
0.0	52.5°	13487.6	14382.8	14899.5	15416.8	15933.6	16241.6	15768.4	15294.7	14821.5
0.0	55°	13668.9	14617.9	15217.2	15817.1	16416.4	16843.0	16308.0	15772.5	15237.5
0.0	57.5°	14010.4	15036.3	15634.2	16231.5	16829.3	17191.5	16655.0	16118.0	15581.5
0.0	60°	14040.8	15001.4	15515.1	16029.3	16543.1	16771.0	16257.8	15744.1	15230.9
0.0	62.5°	13134.4	13855.4	14212.0	14568.7	14925.4	15173.1	14637.6	14101.6	13566.1
0.0	65°	10963.0	11409.4	11693.6	11977.8	12262.0	12557.4	12067.0	11576.5	11086.1
0.0	67.5°	8686.7	9028.2	9402.6	9777.0	10151.4	10467.0	10074.4	9681.2	9288.6
	70°	6986.0	7446.5	7867.5	8288.5	8709.5	8967.9	8573.7	8179.1	7784.9
	72.5°	5550.2	6038.0	6389.6	6740.7	7092.3	7155.7	6865.9	6576.1	6286.8
	75°	3370.1	3660.9	3668.0	3674.6	3681.7	3742.0	3501.8	3261.7	3022.1
	77.5°	994.0	1097.9	1183.5	1268.6	1354.2	1457.6	1369.4	1280.8	1192.6
	80°	287.8	314.1	336.4	358.2	380.5	367.3	346.5	325.8	305.0
	82.5°	51.7	48.6	48.1	47.6	47.6	45.1	41.0	37.0	32.9
	85°	9.1	8.6	8.1	7.6	7.1	6.6	5.6	5.1	4.1
	87.5°	3.0	2.5	2.0	1.5	1.5	0.5	0.5	0.5	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: P1049069

CATALOG NUMBER: GALN-SA2A-760-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°	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
0.0	0.0	2.5°	28.9	28.4	28.4	28.4	28.4	27.9	27.9	27.9	27.9
0.0	0.0	5°	31.9	31.9	31.4	31.4	30.9	30.9	30.4	30.4	29.9
0.0	0.0	7.5°	37.5	37.0	36.5	36.0	35.5	34.5	33.9	33.4	33.4
0.0	0.0	10°	45.1	44.1	43.6	42.6	42.1	41.0	40.0	39.0	38.0
0.0	0.0	12.5°	59.3	57.2	55.7	53.7	51.7	50.2	48.1	46.6	44.6
0.0	0.0	15°	102.8	97.8	92.2	85.6	78.5	71.9	64.8	60.8	56.2
0.0	0.0	17.5°	262.9	236.6	209.7	188.0	166.2	144.9	123.1	107.4	91.7
0.0	0.0	20°	669.3	596.3	523.4	451.4	379.0	307.0	234.6	198.1	161.6
0.0	0.0	22.5°	1259.5	1124.2	988.4	857.2	725.5	594.3	463.1	380.5	298.4
0.0	0.0	25°	1943.9	1773.7	1603.5	1387.7	1171.3	955.5	739.7	605.4	471.2
0.0	0.0	27.5°	2529.6	2333.5	2137.5	1875.0	1612.6	1350.2	1087.7	887.6	688.0
0.0	0.0	30°	3036.8	2826.0	2615.2	2309.7	2004.2	1698.7	1393.2	1143.0	892.7
0.0	0.0	32.5°	3476.5	3224.2	2971.9	2656.8	2341.7	2026.5	1711.4	1404.4	1097.4
0.0	0.0	35°	3983.6	3689.3	3394.4	3044.9	2694.8	2345.2	1995.6	1649.1	1302.0
0.0	0.0	37.5°	4628.1	4266.9	3905.1	3515.5	3125.9	2736.8	2347.2	1951.0	1554.9
0.0	0.0	40°	5861.7	5395.6	4929.5	4434.6	3939.1	3444.1	2949.1	2462.7	1976.4
0.0	0.0	42.5°	8072.2	7442.4	6812.7	6154.1	5494.9	4836.3	4177.2	3491.2	2804.7
0.0	0.0	45°	10566.8	9785.6	9003.9	8264.7	7525.0	6785.8	6046.7	5105.3	4164.0
0.0	0.0	47.5°	11969.7	11126.1	10282.6	9582.9	8883.3	8183.6	7484.0	6469.2	5454.4
0.0	0.0	50°	12485.9	11627.2	10768.5	10124.5	9480.1	8836.2	8191.7	7175.4	6158.6
0.0	0.0	52.5°	12595.9	11719.9	10844.0	10196.0	9548.0	8900.5	8252.5	7242.8	6233.1
0.0	0.0	55°	12821.8	11882.0	10941.7	10203.1	9464.4	8725.7	7987.1	6961.1	5935.2
0.0	0.0	57.5°	13117.2	12153.6	11190.0	10348.5	9507.0	8665.9	7824.4	6702.7	5581.1
0.0	0.0	60°	13039.7	12201.2	11362.2	10460.9	9559.1	8657.8	7756.0	6522.4	5288.2
0.0	0.0	62.5°	11694.1	11026.3	10358.1	9616.9	8875.2	8134.0	7392.8	6122.6	4852.5
0.0	0.0	65°	9620.4	9133.1	8645.7	8049.4	7452.6	6856.3	6259.9	5121.0	3982.6
0.0	0.0	67.5°	7797.1	7247.9	6698.2	6223.0	5747.2	5272.0	4796.3	3900.1	3003.8
		70°	6194.6	5597.3	4999.4	4535.4	4070.8	3606.7	3142.6	2546.8	1951.5
		72.5°	4919.4	4380.8	3842.3	3347.3	2851.8	2356.9	1861.4	1509.3	1157.1
		75°	2351.3	2136.0	1920.6	1661.8	1402.9	1144.0	885.1	731.6	578.6
		77.5°	871.4	755.4	638.9	533.5	428.1	323.2	217.9	199.6	181.4
		80°	225.5	196.6	167.2	146.4	125.1	104.4	83.6	75.5	67.9
		82.5°	25.8	23.8	22.3	21.3	19.8	18.7	17.2	15.7	14.2
		85°	1.5	1.0	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
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049069

CATALOG NUMBER: GALN-SA2A-760-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049069

CATALOG NUMBER: GALN-SA2A-760-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	29.4	29.4
0.0	0.0	2.5°	27.4	26.9
0.0	0.0	5°	28.9	28.4
0.0	0.0	7.5°	31.9	30.9
0.0	0.0	10°	35.0	33.9
0.0	0.0	12.5°	39.5	38.0
0.0	0.0	15°	44.6	41.5
0.0	0.0	17.5°	53.2	46.6
0.0	0.0	20°	71.9	55.2
0.0	0.0	22.5°	101.3	68.9
0.0	0.0	25°	148.9	95.2
0.0	0.0	27.5°	207.2	126.7
0.0	0.0	30°	275.6	158.6
0.0	0.0	32.5°	335.9	189.0
0.0	0.0	35°	414.4	219.9
0.0	0.0	37.5°	511.2	259.4
0.0	0.0	40°	661.2	319.2
0.0	0.0	42.5°	931.2	429.6
0.0	0.0	45°	1512.3	742.7
0.0	0.0	47.5°	2327.0	1228.6
0.0	0.0	50°	2846.8	1568.0
0.0	0.0	52.5°	2889.3	1565.5
0.0	0.0	55°	2637.5	1391.7
0.0	0.0	57.5°	2250.5	1163.2
0.0	0.0	60°	1870.5	920.0
0.0	0.0	62.5°	1473.8	635.3
0.0	0.0	65°	1077.1	449.4
0.0	0.0	67.5°	773.6	335.9
		70°	508.7	257.4
		72.5°	331.3	209.7
		75°	222.9	173.8
		77.5°	130.2	115.5
		80°	46.1	40.5
		82.5°	8.6	6.1
		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: P1049069

CATALOG NUMBER: GALN-SA2A-760-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: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-757-U-5WQ

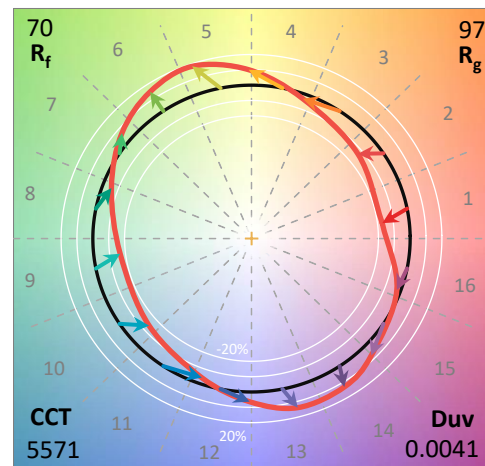
Data in this report applies to families of products including GSS-SB1A-757-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-7
 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-757-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5700K CCT 26 LEDS

Spectral Parameters

CCT (K):	5571	CRI (Ra):	69.9		
CIE u':	0.2033	R1:	68.8	R9:	-35.4
CIE v':	0.4806	R2:	72.5	R10:	36.7
Duv:	0.0041	R3:	76.8	R11:	73.9
CIE x:	0.3308	R4:	72.0	R12:	47.8
CIE y:	0.3476	R5:	70.9	R13:	68.0
CIE z:	0.3216	R6:	65.6	R14:	87.0
Peak Wavelength (nm):	442	R7:	75.5	R15:	59.8
Dominant Wavelength (nm):	544	R8:	56.8		
Purity:	3.635698				
Rf:	70.4				
Rg:	97.1				



Test Conditions

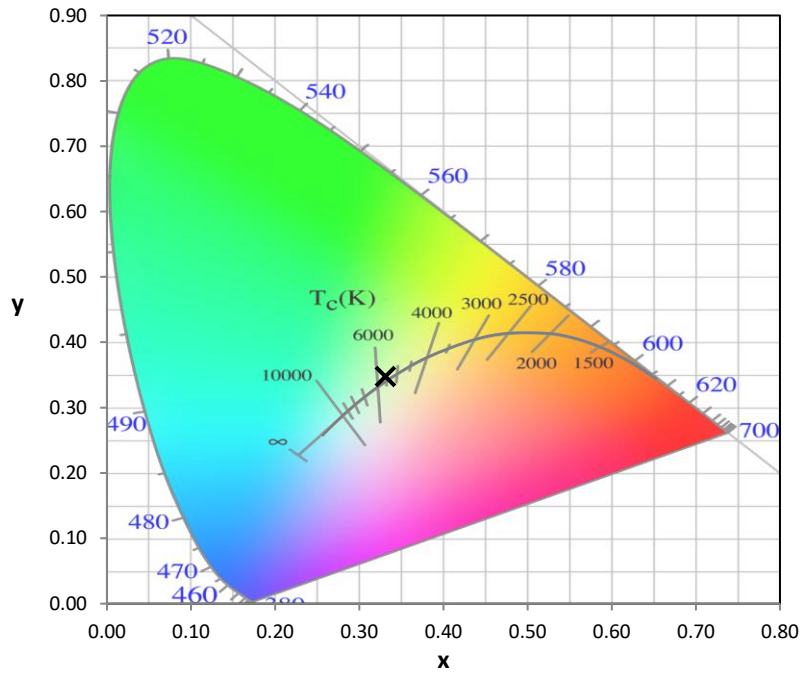
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-7

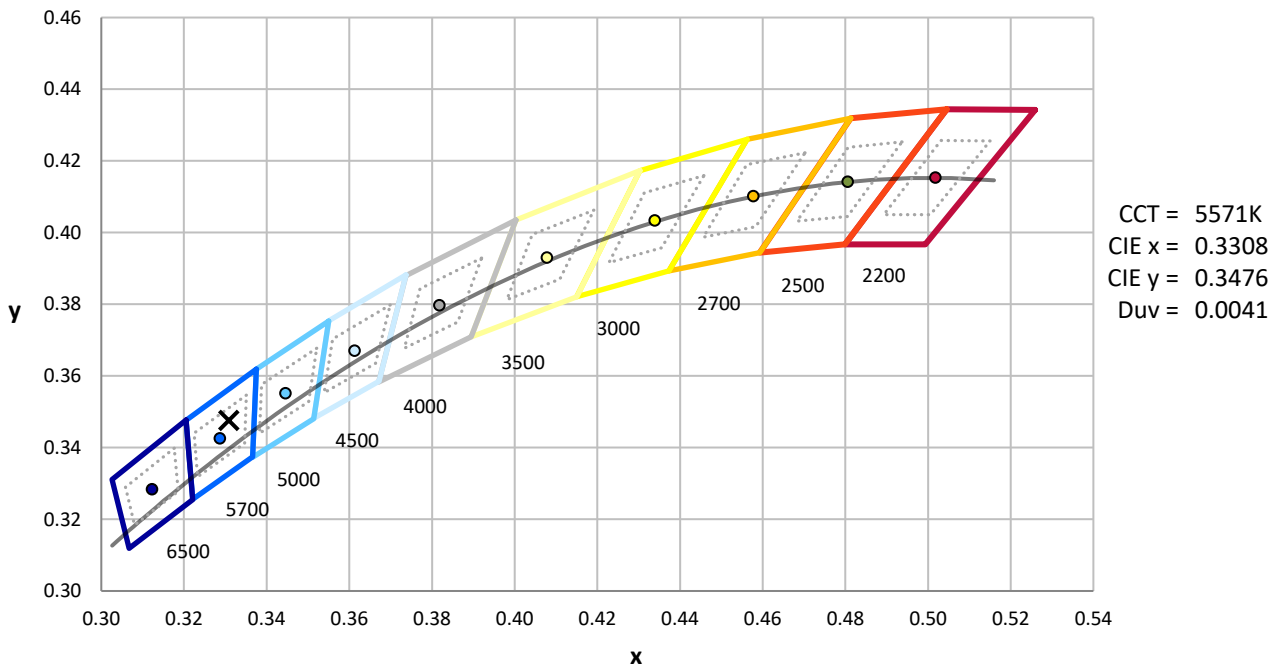
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-7

CIE 1931 Chromaticity Diagram



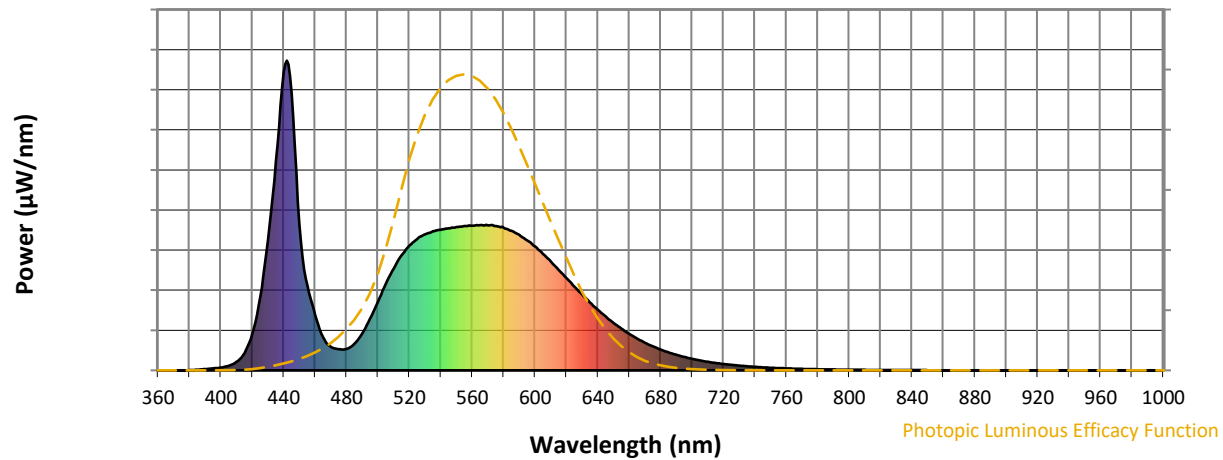
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-7

Photopic Flux vs. Wavelength

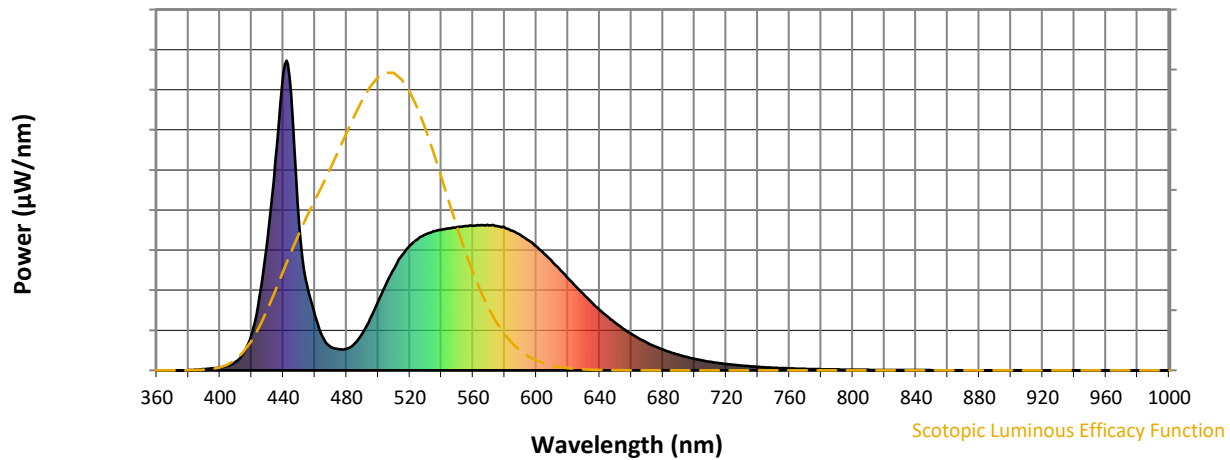


Photopic Lumens: NR

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-7

Scotopic Flux vs. Wavelength



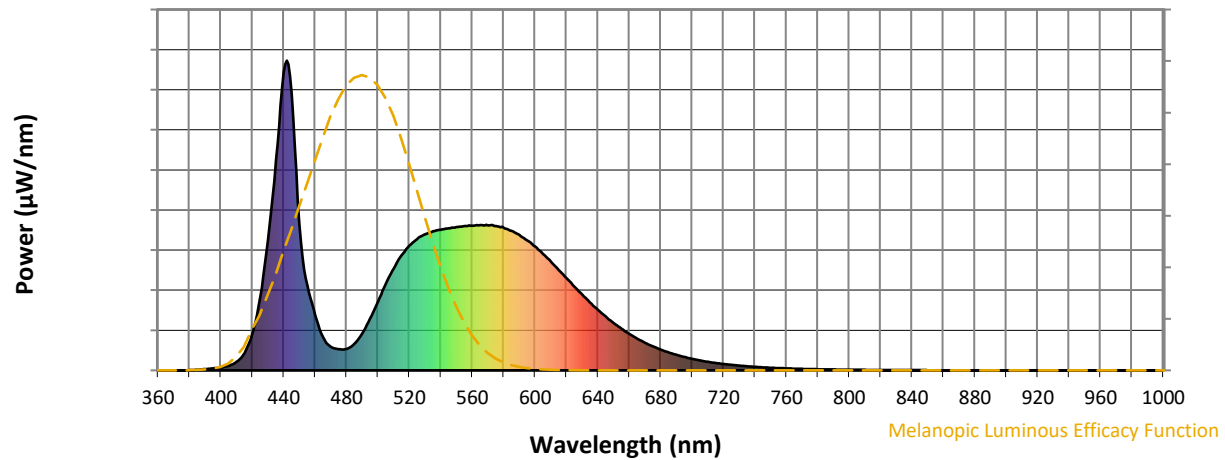
Scotopic Lumens: NR

S/P: 1.84

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.71

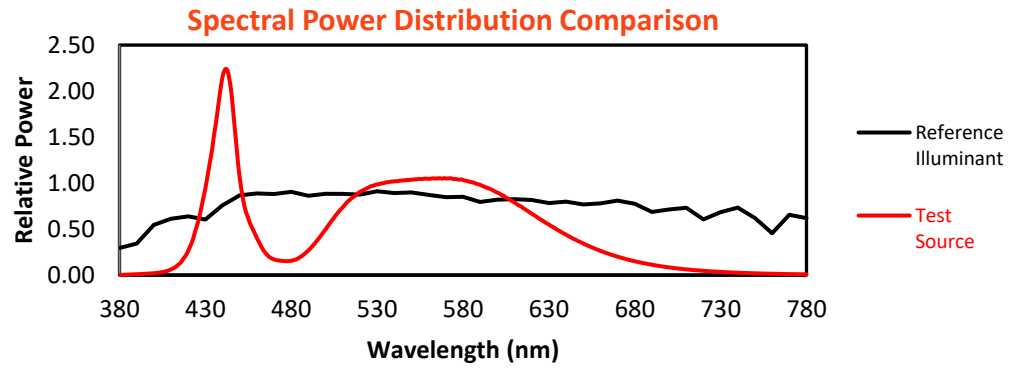
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-7

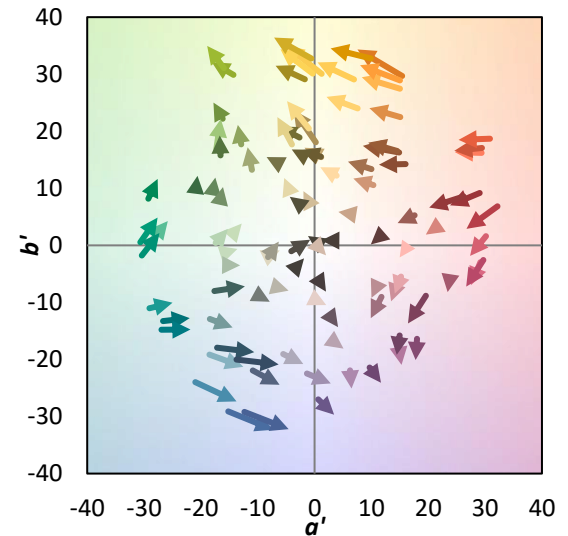
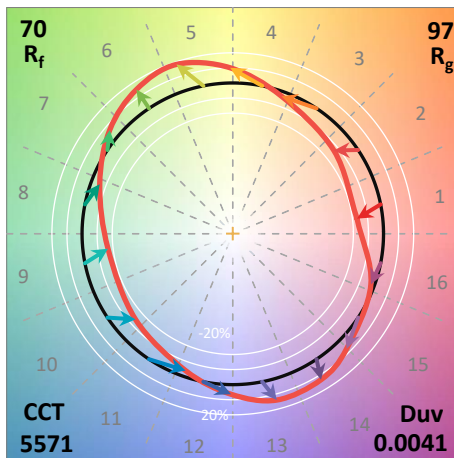
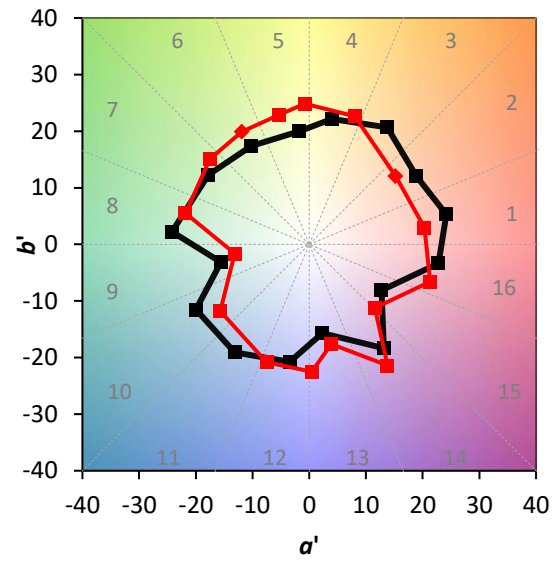
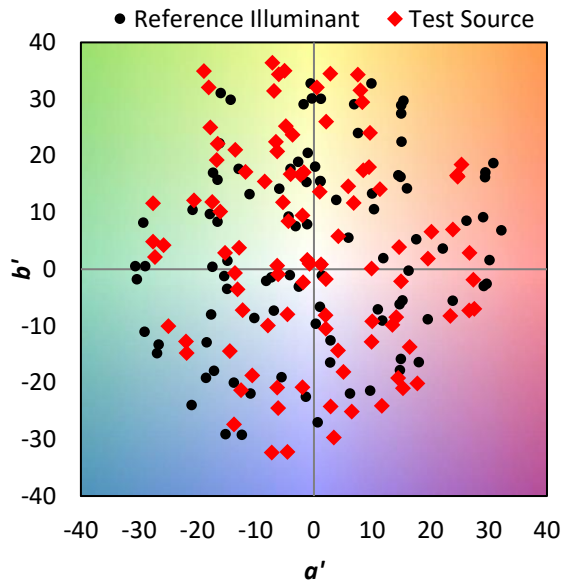
TM-30-18

Summary

$R_f = 70.4$
 $R_g = 97.1$
 $CIE\ R_a = 69.9$
 $R_g = -35.4$

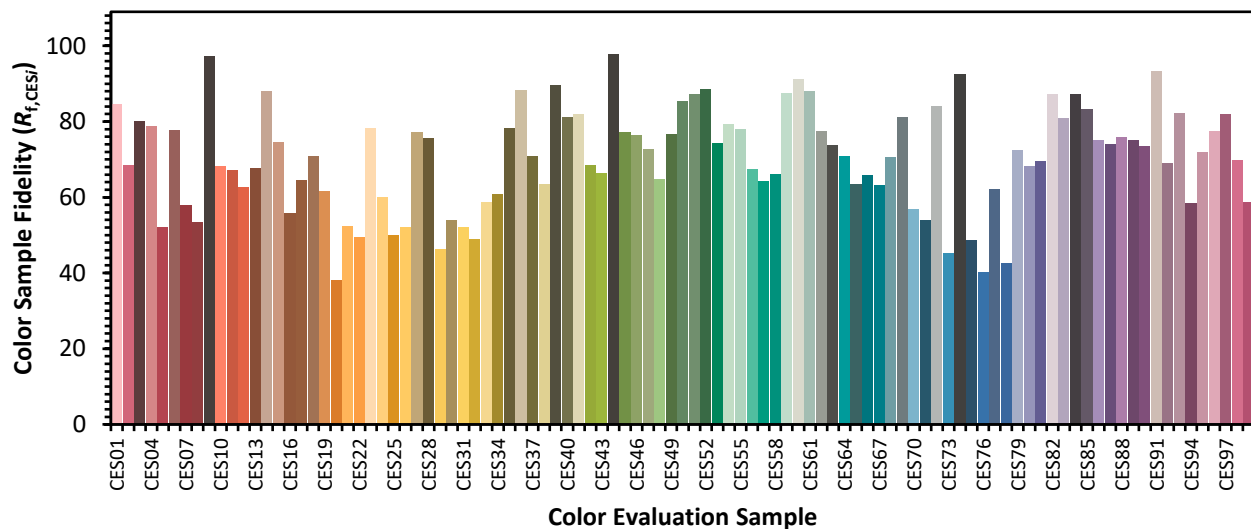


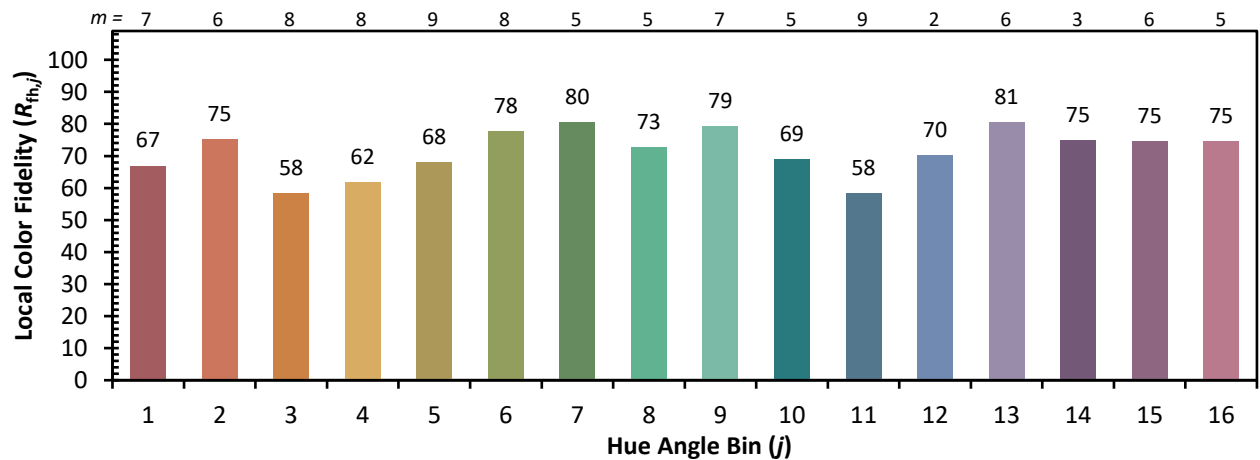
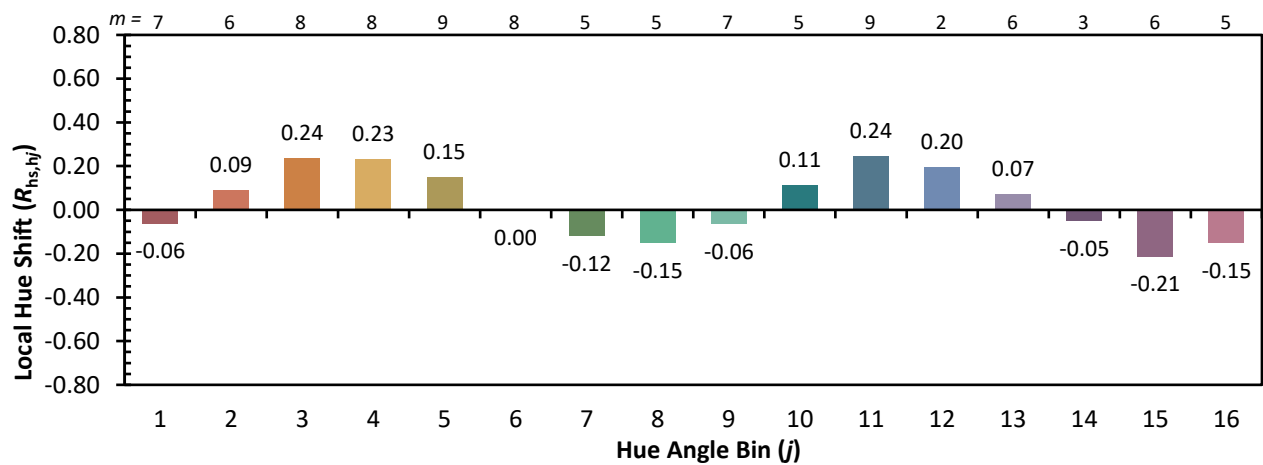
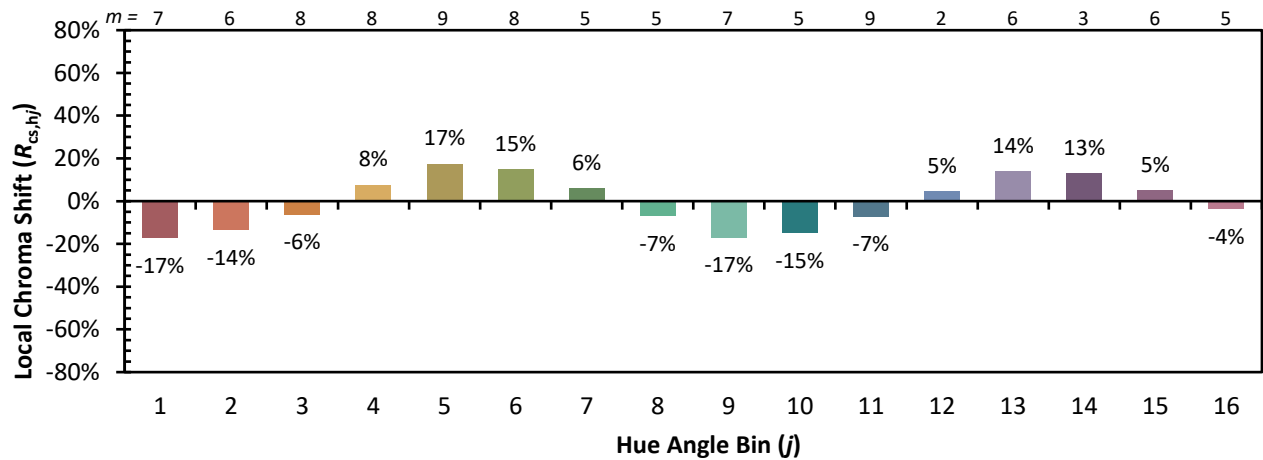
Color Vector Graphics



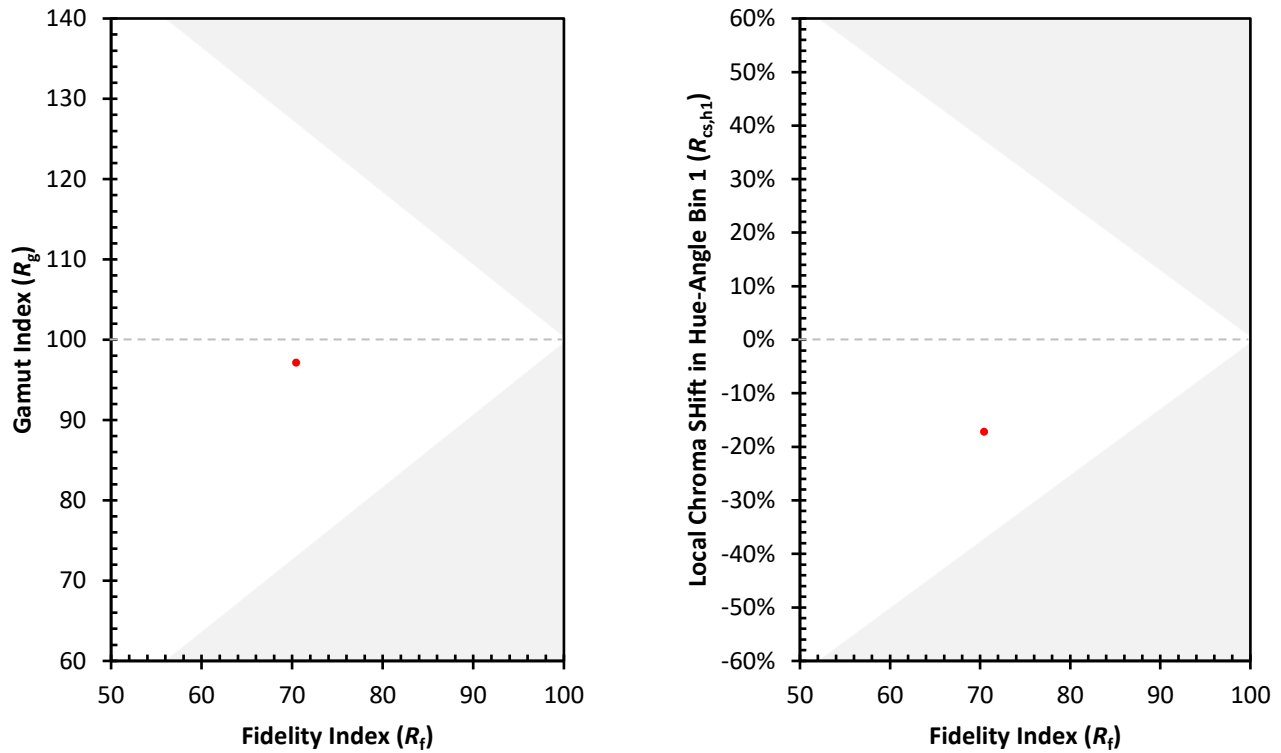
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 87
CES08 = 37	CES33 = 59	CES58 = 66	CES83 = 81
CES09 = 29	CES34 = 61	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 78	CES60 = 91	CES85 = 83
CES11 = 55	CES36 = 88	CES61 = 88	CES86 = 75
CES12 = 61	CES37 = 71	CES62 = 77	CES87 = 74
CES13 = 41	CES38 = 64	CES63 = 74	CES88 = 76
CES14 = 74	CES39 = 90	CES64 = 71	CES89 = 75
CES15 = 70	CES40 = 81	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 82	CES66 = 66	CES91 = 93
CES17 = 48	CES42 = 69	CES67 = 63	CES92 = 69
CES18 = 55	CES43 = 67	CES68 = 71	CES93 = 82
CES19 = 70	CES44 = 98	CES69 = 81	CES94 = 58
CES20 = 63	CES45 = 77	CES70 = 57	CES95 = 72
CES21 = 85	CES46 = 76	CES71 = 54	CES96 = 78
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 45	CES98 = 70
CES24 = 90	CES49 = 77	CES74 = 92	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)