

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: P1049414

Luminaire Tested: **GALN-SA7B-940-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049414
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7B-940-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE
90CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (98) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20829.4 lumens
Efficiency: N/A
Efficacy: 83.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

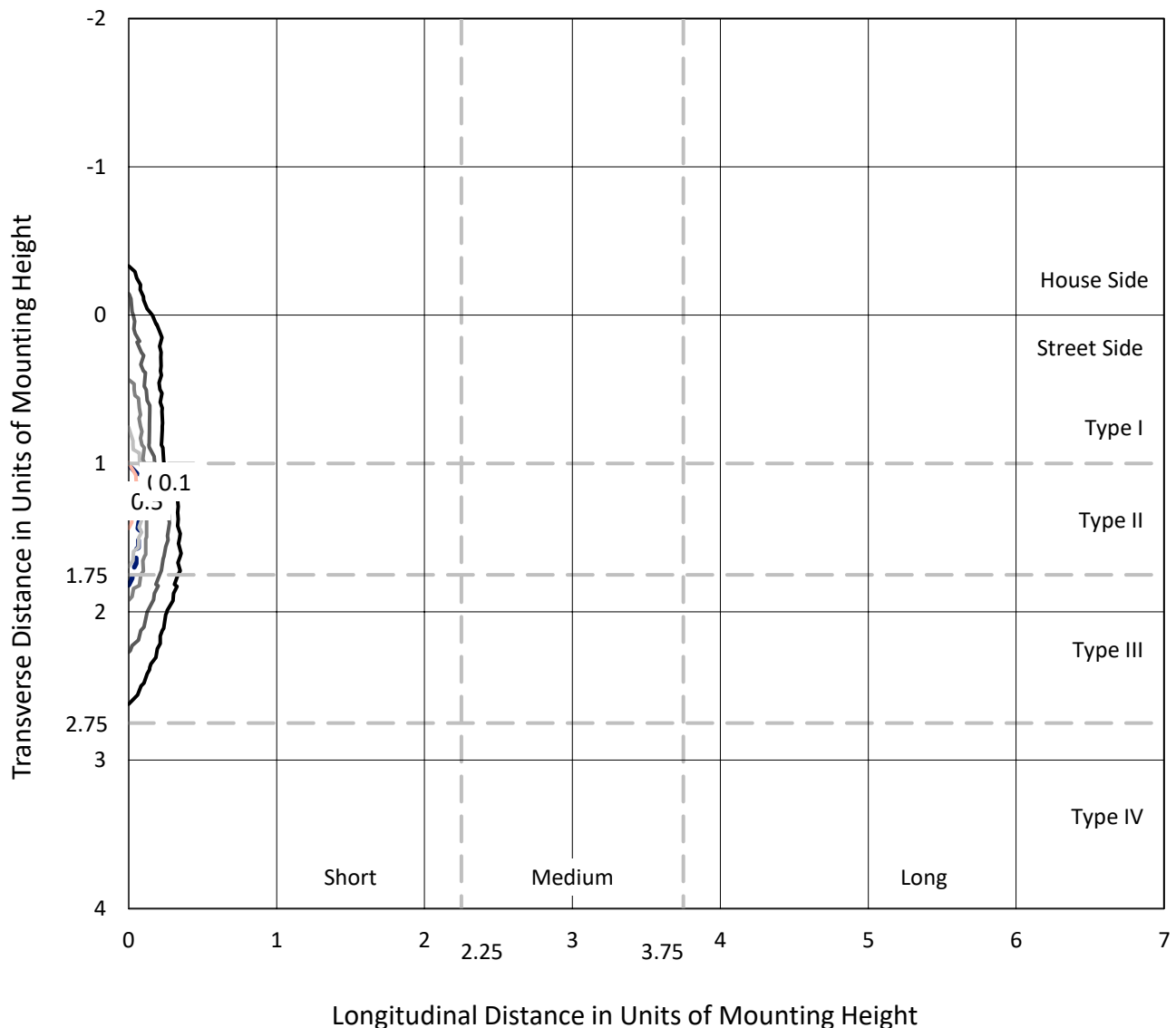
Input Watts (W): 249.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

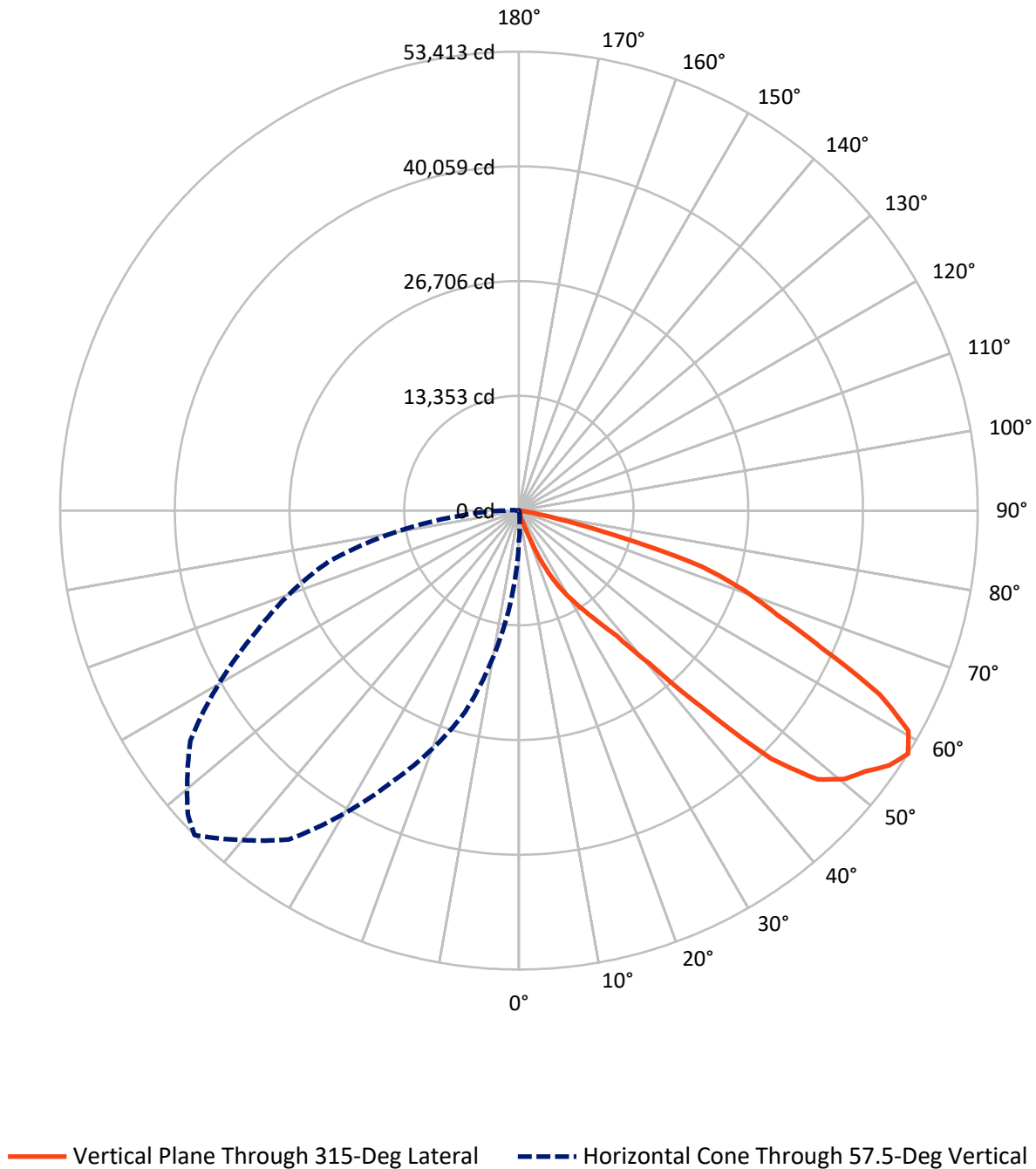
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 3.1 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	104.3	0.0	104.3
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	20725.1	0.0	20725.1
	% Fixture	99.5	0.0	99.5
Total	Lumens	20829.4	0.0	20829.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.2	0.0
10°-20°	45.8	0.2
20°-30°	493.6	2.4
30°-40°	1459.7	7.0
40°-50°	4350.4	20.9
50°-60°	6898.2	33.1
60°-70°	5758.3	27.6
70°-80°	1775.7	8.5
80°-90°	39.5	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°	20829.4	100.0
0°-180°	20829.4	100.0

Coefficient of Utilization



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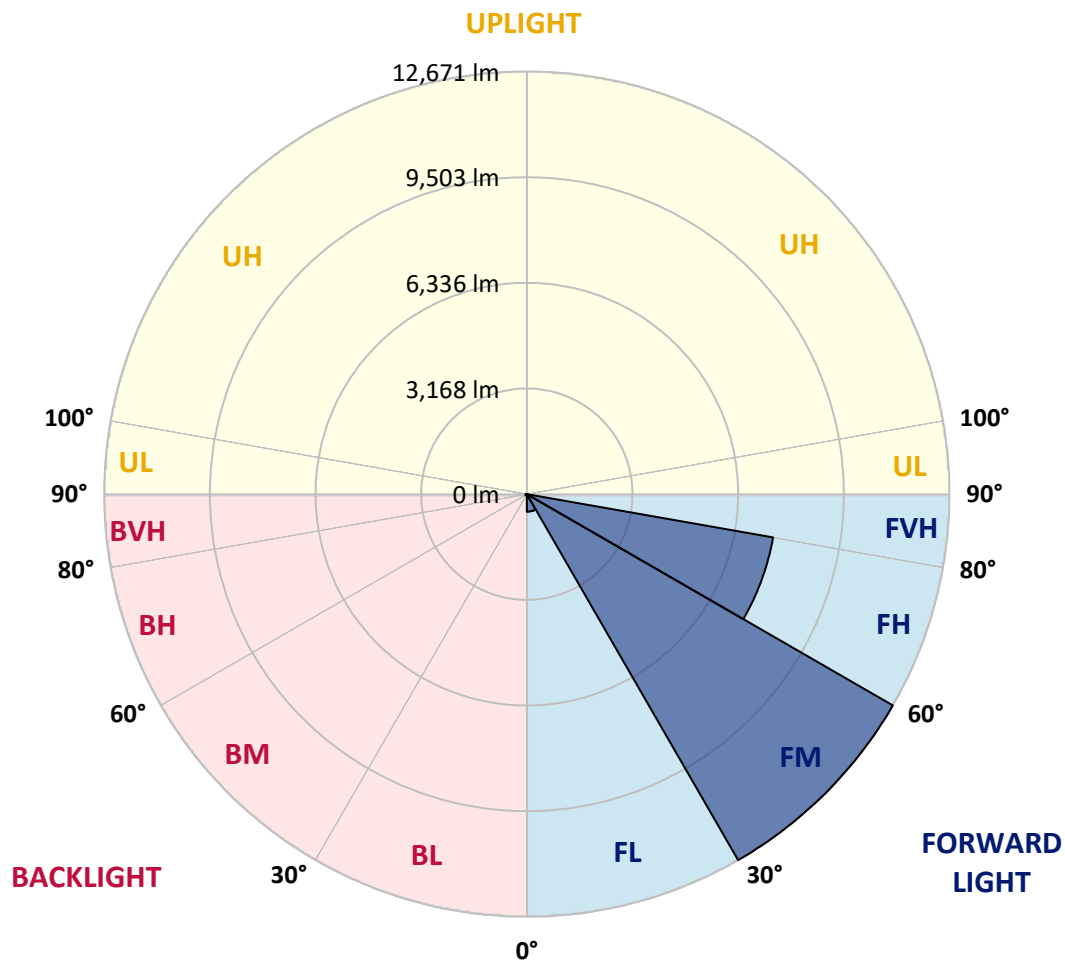
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	528.4	2.5			
FM	(30°-60°)	12671.1	60.8			
FH	(60°-80°)	7495.1	36.0			G3/7500
FVH	(80°-90°)	30.5	0.1			G1/100
BL	(0°-30°)	19.2	0.1	B0/110		
BM	(30°-60°)	37.3	0.2	B0/220		
BH	(60°-80°)	38.9	0.2	B0/110		G0/110
BVH	(80°-90°)	9.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
2.5°	83.4	83.4	83.4	83.4	81.9	81.9	80.3	80.3	78.7	78.7
5°	88.1	88.1	86.6	85.0	85.0	83.4	81.9	80.3	80.3	78.7
7.5°	96.0	94.4	92.9	91.3	88.1	86.6	83.4	81.9	80.3	77.1
10°	105.5	102.3	99.2	96.0	92.9	89.7	86.6	85.0	81.9	80.3
12.5°	118.1	113.3	107.0	102.3	99.2	94.4	91.3	88.1	83.4	80.3
15°	129.1	122.8	114.9	108.6	103.9	97.6	92.9	88.1	85.0	80.3
17.5°	144.8	133.8	121.2	113.3	107.0	99.2	91.3	86.6	81.9	75.6
20°	171.6	149.5	125.9	116.5	107.0	97.6	88.1	81.9	77.1	70.8
22.5°	214.1	176.3	138.5	124.4	111.8	97.6	85.0	78.7	72.4	66.1
25°	295.9	228.2	160.6	141.7	122.8	103.9	85.0	77.1	70.8	63.0
27.5°	393.5	292.8	190.5	163.7	138.5	111.8	85.0	75.6	67.7	58.2
30°	492.7	358.9	223.5	188.9	154.3	119.6	85.0	74.0	64.5	53.5
32.5°	587.1	420.3	251.8	210.9	170.0	127.5	86.6	74.0	61.4	48.8
35°	683.1	470.6	256.6	214.1	171.6	127.5	85.0	70.8	58.2	44.1
37.5°	805.9	527.3	247.1	204.6	163.7	121.2	80.3	67.7	55.1	40.9
40°	991.7	621.8	251.8	207.8	163.7	119.6	75.6	63.0	51.9	39.4
42.5°	1334.8	804.3	272.3	221.9	171.6	119.6	69.3	58.2	48.8	37.8
45°	2307.6	1336.4	365.2	289.6	214.1	138.5	63.0	53.5	45.6	36.2
47.5°	3817.1	2236.7	656.4	506.8	358.9	209.3	61.4	53.5	45.6	36.2
50°	4871.7	2849.0	826.4	635.9	445.5	255.0	64.5	55.1	47.2	37.8
52.5°	4863.8	2893.1	920.8	706.8	494.3	280.2	67.7	58.2	50.4	40.9
55°	4323.9	2631.8	938.1	720.9	505.3	288.1	72.4	63.0	53.5	44.1
57.5°	3614.0	2235.2	856.3	662.7	470.6	277.0	83.4	72.4	63.0	51.9
60°	2858.5	1762.9	667.4	527.3	388.8	248.7	110.2	96.0	83.4	69.3
62.5°	1973.9	1278.1	582.4	467.5	354.2	239.3	125.9	111.8	99.2	85.0
65°	1396.2	961.8	525.7	428.1	332.1	234.5	136.9	121.2	107.0	91.3
67.5°	1043.6	765.0	484.8	401.4	318.0	234.5	151.1	132.2	114.9	96.0
70°	799.6	628.0	454.9	387.2	321.1	253.4	185.7	159.0	133.8	107.0
72.5°	651.7	536.8	420.3	371.5	322.7	273.9	225.1	190.5	155.8	119.6
75°	539.9	459.6	379.3	338.4	299.1	258.1	217.2	185.7	155.8	124.4
77.5°	358.9	327.4	294.3	270.7	247.1	221.9	198.3	171.6	146.4	119.6
80°	125.9	121.2	116.5	125.9	135.4	144.8	154.3	135.4	118.1	99.2
82.5°	18.9	17.3	15.7	17.3	18.9	20.5	22.0	23.6	25.2	26.8
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°	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
0.0	2.5°	77.1	77.1	75.6	75.6	75.6	74.0	74.0	72.4	72.4	72.4
0.0	5°	75.6	75.6	74.0	72.4	70.8	70.8	69.3	67.7	67.7	66.1
0.0	7.5°	74.0	72.4	70.8	69.3	67.7	66.1	64.5	63.0	63.0	61.4
0.0	10°	75.6	72.4	70.8	67.7	66.1	64.5	61.4	59.8	58.2	58.2
0.0	12.5°	72.4	70.8	67.7	64.5	63.0	59.8	58.2	55.1	53.5	53.5
0.0	15°	72.4	69.3	64.5	61.4	58.2	56.7	53.5	50.4	48.8	47.2
0.0	17.5°	67.7	64.5	59.8	56.7	53.5	50.4	47.2	44.1	42.5	40.9
0.0	20°	61.4	58.2	53.5	48.8	45.6	42.5	39.4	36.2	34.6	33.1
0.0	22.5°	55.1	51.9	47.2	42.5	39.4	36.2	31.5	28.3	26.8	23.6
0.0	25°	51.9	47.2	42.5	37.8	33.1	29.9	25.2	20.5	17.3	14.2
0.0	27.5°	44.1	39.4	34.6	29.9	25.2	20.5	15.7	11.0	7.9	6.3
0.0	30°	37.8	33.1	28.3	23.6	17.3	12.6	7.9	1.6	1.6	1.6
0.0	32.5°	31.5	26.8	20.5	15.7	12.6	7.9	4.7	0.0	0.0	0.0
0.0	35°	25.2	20.5	14.2	9.4	7.9	4.7	3.1	0.0	0.0	0.0
0.0	37.5°	22.0	17.3	11.0	4.7	3.1	3.1	1.6	0.0	0.0	0.0
0.0	40°	20.5	14.2	7.9	1.6	1.6	1.6	0.0	0.0	0.0	0.0
0.0	42.5°	20.5	14.2	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	20.5	14.2	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	20.5	14.2	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	22.0	15.7	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	25.2	18.9	12.6	6.3	4.7	3.1	1.6	0.0	0.0	0.0
0.0	55°	31.5	28.3	23.6	20.5	15.7	11.0	4.7	0.0	0.0	0.0
0.0	57.5°	40.9	40.9	39.4	37.8	28.3	18.9	9.4	0.0	0.0	0.0
0.0	60°	55.1	55.1	55.1	55.1	40.9	28.3	14.2	0.0	0.0	0.0
0.0	62.5°	67.7	64.5	59.8	56.7	42.5	28.3	14.2	0.0	0.0	0.0
0.0	65°	67.7	61.4	53.5	45.6	34.6	23.6	11.0	0.0	0.0	0.0
0.0	67.5°	63.0	50.4	36.2	23.6	17.3	12.6	6.3	0.0	0.0	0.0
	70°	63.0	44.1	25.2	6.3	4.7	3.1	1.6	0.0	0.0	0.0
	72.5°	63.0	42.5	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	69.3	47.2	23.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	69.3	47.2	23.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	61.4	40.9	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	20.5	14.2	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
0.0	2.5°	70.8	70.8	70.8	69.3	69.3	69.3	69.3	67.7	67.7	67.7
0.0	5°	64.5	64.5	63.0	63.0	61.4	61.4	59.8	59.8	58.2	58.2
0.0	7.5°	59.8	58.2	58.2	56.7	55.1	55.1	53.5	53.5	51.9	50.4
0.0	10°	55.1	53.5	53.5	51.9	50.4	48.8	48.8	47.2	45.6	44.1
0.0	12.5°	50.4	48.8	47.2	45.6	44.1	42.5	42.5	40.9	39.4	37.8
0.0	15°	44.1	42.5	40.9	39.4	37.8	36.2	36.2	34.6	33.1	31.5
0.0	17.5°	37.8	36.2	36.2	34.6	33.1	31.5	29.9	26.8	25.2	23.6
0.0	20°	28.3	26.8	25.2	23.6	22.0	18.9	17.3	14.2	11.0	9.4
0.0	22.5°	18.9	15.7	14.2	11.0	7.9	6.3	4.7	1.6	0.0	0.0
0.0	25°	6.3	4.7	3.1	1.6	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: P1049414

CATALOG NUMBER: GALN-SA7B-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049414

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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°	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
0.0	2.5°	66.1	66.1	66.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5
0.0	5°	56.7	56.7	56.7	55.1	55.1	53.5	53.5	53.5	51.9	51.9
0.0	7.5°	48.8	47.2	47.2	45.6	45.6	44.1	44.1	44.1	42.5	42.5
0.0	10°	40.9	39.4	39.4	37.8	37.8	36.2	36.2	34.6	34.6	33.1
0.0	12.5°	36.2	34.6	33.1	31.5	31.5	29.9	28.3	28.3	26.8	25.2
0.0	15°	28.3	26.8	25.2	23.6	22.0	20.5	18.9	18.9	17.3	15.7
0.0	17.5°	18.9	15.7	14.2	12.6	12.6	11.0	9.4	7.9	6.3	4.7
0.0	20°	4.7	3.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049414

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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°	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
0.0	2.5°	64.5	63.0	63.0	63.0	64.5	64.5	64.5	64.5	64.5	64.5
0.0	5°	51.9	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
0.0	7.5°	42.5	40.9	40.9	40.9	40.9	39.4	39.4	39.4	39.4	39.4
0.0	10°	33.1	31.5	31.5	31.5	31.5	29.9	29.9	29.9	29.9	29.9
0.0	12.5°	23.6	23.6	22.0	22.0	22.0	20.5	20.5	20.5	20.5	18.9
0.0	15°	14.2	12.6	11.0	11.0	11.0	9.4	9.4	9.4	9.4	7.9
0.0	17.5°	3.1	3.1	1.6	1.6	1.6	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
0.0	2.5°	66.1	66.1	67.7	67.7	69.3	72.4	74.0	75.6	78.7	81.9
0.0	5°	51.9	53.5	53.5	55.1	56.7	58.2	59.8	61.4	64.5	67.7
0.0	7.5°	40.9	40.9	42.5	42.5	44.1	47.2	48.8	50.4	53.5	58.2
0.0	10°	31.5	31.5	33.1	33.1	34.6	37.8	39.4	40.9	44.1	48.8
0.0	12.5°	20.5	22.0	22.0	23.6	25.2	28.3	29.9	31.5	34.6	37.8
0.0	15°	9.4	11.0	11.0	12.6	14.2	17.3	18.9	20.5	23.6	28.3
0.0	17.5°	1.6	1.6	3.1	3.1	4.7	6.3	7.9	9.4	14.2	17.3
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	6.3
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
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°	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
0.0	2.5°	86.6	89.7	92.9	96.0	99.2	102.3	103.9	107.0	108.6	110.2
0.0	5°	74.0	77.1	81.9	85.0	88.1	91.3	94.4	96.0	97.6	99.2
0.0	7.5°	64.5	67.7	72.4	75.6	78.7	81.9	85.0	88.1	89.7	91.3
0.0	10°	55.1	59.8	63.0	67.7	70.8	74.0	77.1	80.3	83.4	85.0
0.0	12.5°	44.1	48.8	53.5	56.7	61.4	66.1	69.3	72.4	75.6	78.7
0.0	15°	34.6	39.4	44.1	47.2	51.9	56.7	61.4	64.5	67.7	70.8
0.0	17.5°	25.2	29.9	34.6	37.8	42.5	47.2	50.4	55.1	58.2	61.4
0.0	20°	12.6	17.3	22.0	26.8	31.5	36.2	39.4	44.1	47.2	50.4
0.0	22.5°	1.6	6.3	11.0	14.2	18.9	23.6	26.8	31.5	34.6	37.8
0.0	25°	0.0	1.6	4.7	6.3	7.9	11.0	14.2	17.3	20.5	23.6
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.6	3.1	6.3	9.4	12.6
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.6	3.1
	85°	0.0	0.0	0.0	0.0	0.0	3.1	4.7	7.9	9.4	11.0
	87.5°	0.0	1.6	3.1	4.7	6.3	9.4	12.6	15.7	17.3	18.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049414

CATALOG NUMBER: GALN-SA7B-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
91.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.6											
6.3											
14.2											
20.5											
0.0											
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REPORT NUMBER: P1049414

CATALOG NUMBER: GALN-SA7B-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
0.0	2.5°	111.8	111.8	111.8	111.8	110.2	110.2	110.2	108.6	108.6	107.0
0.0	5°	102.3	103.9	103.9	103.9	103.9	103.9	103.9	103.9	102.3	102.3
0.0	7.5°	94.4	96.0	97.6	97.6	99.2	99.2	99.2	97.6	97.6	96.0
0.0	10°	89.7	91.3	91.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9
0.0	12.5°	83.4	85.0	86.6	86.6	88.1	88.1	88.1	88.1	86.6	86.6
0.0	15°	75.6	78.7	80.3	81.9	81.9	83.4	83.4	83.4	83.4	83.4
0.0	17.5°	69.3	72.4	74.0	75.6	75.6	77.1	77.1	78.7	78.7	78.7
0.0	20°	56.7	59.8	61.4	64.5	66.1	67.7	69.3	70.8	70.8	72.4
0.0	22.5°	44.1	47.2	48.8	51.9	53.5	55.1	56.7	58.2	59.8	61.4
0.0	25°	31.5	34.6	36.2	39.4	40.9	42.5	44.1	45.6	45.6	47.2
0.0	27.5°	17.3	20.5	23.6	25.2	28.3	29.9	31.5	33.1	34.6	36.2
0.0	30°	7.9	9.4	11.0	14.2	15.7	17.3	18.9	22.0	23.6	25.2
0.0	32.5°	0.0	0.0	1.6	4.7	6.3	7.9	9.4	11.0	11.0	12.6
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.1	4.7	6.3
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	3.1	3.1	3.1	4.7	4.7	4.7	4.7	4.7	4.7	4.7
	82.5°	7.9	9.4	11.0	11.0	12.6	12.6	12.6	12.6	11.0	11.0
	85°	15.7	17.3	18.9	18.9	20.5	20.5	20.5	20.5	20.5	20.5
	87.5°	22.0	23.6	25.2	25.2	26.8	26.8	26.8	26.8	26.8	26.8
	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: P1049414

CATALOG NUMBER: GALN-SA7B-940-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
91.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	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											
4.7											
11.0											
20.5											
26.8											
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REPORT NUMBER: P1049414

CATALOG NUMBER: GALN-SA7B-940-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°	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
0.0	2.5°	105.5	105.5	103.9	103.9	103.9	103.9	103.9	105.5	107.0	107.0
0.0	5°	100.7	100.7	99.2	99.2	99.2	100.7	100.7	102.3	103.9	105.5
0.0	7.5°	96.0	94.4	94.4	96.0	96.0	97.6	97.6	99.2	100.7	102.3
0.0	10°	92.9	91.3	91.3	91.3	92.9	92.9	94.4	96.0	97.6	99.2
0.0	12.5°	86.6	86.6	86.6	86.6	88.1	88.1	89.7	91.3	94.4	96.0
0.0	15°	83.4	81.9	81.9	81.9	81.9	83.4	83.4	86.6	89.7	91.3
0.0	17.5°	77.1	77.1	75.6	75.6	77.1	77.1	78.7	81.9	85.0	86.6
0.0	20°	70.8	69.3	67.7	67.7	69.3	69.3	70.8	74.0	77.1	78.7
0.0	22.5°	61.4	59.8	59.8	59.8	59.8	61.4	61.4	64.5	69.3	72.4
0.0	25°	48.8	50.4	50.4	51.9	51.9	53.5	55.1	58.2	63.0	66.1
0.0	27.5°	37.8	39.4	39.4	42.5	44.1	45.6	47.2	51.9	56.7	59.8
0.0	30°	28.3	29.9	31.5	33.1	36.2	39.4	42.5	47.2	51.9	55.1
0.0	32.5°	17.3	20.5	22.0	25.2	28.3	31.5	34.6	39.4	45.6	50.4
0.0	35°	12.6	14.2	17.3	18.9	22.0	25.2	28.3	34.6	39.4	45.6
0.0	37.5°	6.3	9.4	12.6	15.7	18.9	22.0	25.2	31.5	37.8	42.5
0.0	40°	4.7	7.9	9.4	12.6	17.3	20.5	23.6	29.9	36.2	42.5
0.0	42.5°	3.1	4.7	6.3	11.0	14.2	18.9	23.6	29.9	36.2	42.5
0.0	45°	3.1	3.1	4.7	9.4	14.2	20.5	25.2	31.5	36.2	42.5
0.0	47.5°	3.1	4.7	6.3	12.6	15.7	20.5	25.2	29.9	36.2	40.9
0.0	50°	4.7	6.3	7.9	14.2	17.3	22.0	25.2	31.5	36.2	42.5
0.0	52.5°	3.1	4.7	6.3	12.6	17.3	23.6	28.3	34.6	40.9	45.6
0.0	55°	1.6	1.6	1.6	9.4	18.9	26.8	36.2	40.9	47.2	51.9
0.0	57.5°	0.0	0.0	0.0	6.3	18.9	29.9	40.9	47.2	53.5	58.2
0.0	60°	0.0	0.0	0.0	6.3	18.9	29.9	40.9	48.8	56.7	64.5
0.0	62.5°	0.0	0.0	0.0	6.3	15.7	25.2	34.6	47.2	61.4	74.0
0.0	65°	0.0	0.0	0.0	4.7	12.6	20.5	28.3	47.2	66.1	83.4
0.0	67.5°	0.0	0.0	0.0	4.7	12.6	18.9	26.8	47.2	66.1	86.6
	70°	0.0	0.0	0.0	4.7	12.6	20.5	28.3	47.2	66.1	85.0
	72.5°	0.0	0.0	0.0	4.7	14.2	22.0	31.5	47.2	63.0	78.7
	75°	0.0	0.0	0.0	6.3	14.2	23.6	33.1	47.2	61.4	74.0
	77.5°	0.0	0.0	0.0	4.7	14.2	22.0	31.5	45.6	59.8	72.4
	80°	4.7	3.1	3.1	7.9	14.2	20.5	26.8	40.9	56.7	70.8
	82.5°	9.4	9.4	7.9	11.0	14.2	18.9	23.6	36.2	50.4	63.0
	85°	18.9	18.9	17.3	18.9	18.9	20.5	22.0	28.3	34.6	40.9
	87.5°	25.2	25.2	23.6	23.6	23.6	22.0	22.0	22.0	22.0	20.5
	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):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
91.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.9											
94.4											
88.1											
86.6											
85.0											
75.6											
47.2											
20.5											
0.0											
0.0											
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REPORT NUMBER: P1049414

CATALOG NUMBER: GALN-SA7B-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
0.0	2.5°	110.2	111.8	111.8	113.3	114.9	116.5	116.5	118.1	118.1	118.1
0.0	5°	108.6	111.8	113.3	114.9	116.5	118.1	119.6	121.2	122.8	122.8
0.0	7.5°	107.0	108.6	111.8	113.3	116.5	118.1	121.2	122.8	124.4	125.9
0.0	10°	103.9	107.0	110.2	113.3	116.5	119.6	122.8	125.9	129.1	130.6
0.0	12.5°	100.7	105.5	108.6	111.8	116.5	121.2	124.4	129.1	132.2	135.4
0.0	15°	99.2	102.3	107.0	110.2	116.5	122.8	127.5	133.8	140.1	144.8
0.0	17.5°	94.4	100.7	105.5	110.2	116.5	124.4	130.6	136.9	146.4	155.8
0.0	20°	88.1	92.9	99.2	103.9	113.3	121.2	130.6	138.5	152.7	166.9
0.0	22.5°	81.9	88.1	92.9	99.2	110.2	119.6	130.6	140.1	163.7	185.7
0.0	25°	75.6	83.4	89.7	96.0	108.6	121.2	133.8	146.4	185.7	225.1
0.0	27.5°	72.4	78.7	86.6	92.9	108.6	125.9	141.7	157.4	220.4	281.8
0.0	30°	67.7	75.6	81.9	89.7	110.2	130.6	151.1	171.6	267.6	363.6
0.0	32.5°	63.0	70.8	78.7	86.6	113.3	140.1	165.3	192.0	318.0	442.3
0.0	35°	58.2	67.7	75.6	83.4	118.1	154.3	188.9	223.5	363.6	502.1
0.0	37.5°	56.7	66.1	74.0	81.9	119.6	155.8	193.6	229.8	368.3	506.8
0.0	40°	58.2	66.1	75.6	83.4	114.9	146.4	176.3	207.8	352.6	495.8
0.0	42.5°	58.2	67.7	77.1	86.6	111.8	136.9	162.1	187.3	347.9	508.4
0.0	45°	56.7	66.1	75.6	85.0	108.6	130.6	154.3	176.3	376.2	574.5
0.0	47.5°	55.1	64.5	74.0	83.4	107.0	130.6	154.3	177.9	486.4	793.3
0.0	50°	55.1	64.5	72.4	80.3	108.6	138.5	166.9	195.2	708.3	1219.9
0.0	52.5°	58.2	66.1	72.4	78.7	111.8	146.4	179.4	212.5	900.4	1586.7
0.0	55°	63.0	67.7	74.0	78.7	119.6	159.0	199.9	239.3	958.6	1677.9
0.0	57.5°	69.3	74.0	78.7	83.4	133.8	184.2	233.0	283.3	963.3	1641.7
0.0	60°	77.1	83.4	88.1	92.9	146.4	201.5	255.0	308.5	872.0	1434.0
0.0	62.5°	94.4	102.3	108.6	116.5	168.4	218.8	270.7	321.1	724.1	1127.0
0.0	65°	108.6	114.9	121.2	127.5	177.9	229.8	280.2	330.6	613.9	897.2
0.0	67.5°	111.8	118.1	122.8	129.1	181.0	233.0	283.3	335.3	525.7	714.6
	70°	113.3	121.2	130.6	138.5	192.0	245.6	297.5	351.0	465.9	580.8
	72.5°	108.6	124.4	138.5	152.7	203.1	251.8	302.2	351.0	432.9	514.7
	75°	108.6	130.6	151.1	171.6	209.3	245.6	283.3	319.5	382.5	445.5
	77.5°	114.9	143.2	171.6	199.9	221.9	242.4	264.4	284.9	325.8	366.8
	80°	114.9	144.8	173.1	203.1	212.5	223.5	233.0	242.4	247.1	251.8
	82.5°	99.2	122.8	146.4	170.0	159.0	148.0	136.9	125.9	118.1	108.6
	85°	50.4	55.1	58.2	61.4	56.7	51.9	47.2	42.5	39.4	34.6
	87.5°	20.5	20.5	18.9	18.9	18.9	18.9	17.3	17.3	17.3	17.3
	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: P1049414

CATALOG NUMBER: GALN-SA7B-940-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
91.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
247.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
335.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
465.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
631.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
788.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
895.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
975.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1056.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1213.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1528.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2329.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3568.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4492.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4594.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4146.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3544.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2770.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2093.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1545.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1094.0											
813.8											
591.8											
445.5											
250.3											
113.3											
33.1											
15.7											
0.0											
0.0											
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REPORT NUMBER: P1049414

CATALOG NUMBER: GALN-SA7B-940-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°	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
0.0	2.5°	118.1	116.5	116.5	114.9	113.3	111.8	110.2	108.6	107.0	105.5
0.0	5°	122.8	122.8	122.8	121.2	121.2	119.6	119.6	118.1	116.5	114.9
0.0	7.5°	127.5	129.1	129.1	130.6	130.6	130.6	130.6	129.1	129.1	129.1
0.0	10°	135.4	136.9	138.5	140.1	141.7	143.2	143.2	144.8	144.8	144.8
0.0	12.5°	144.8	149.5	152.7	157.4	160.6	165.3	168.4	173.1	176.3	179.4
0.0	15°	159.0	166.9	176.3	184.2	192.0	203.1	215.6	226.7	237.7	255.0
0.0	17.5°	179.4	204.6	229.8	253.4	278.6	333.7	388.8	442.3	497.4	577.7
0.0	20°	218.8	294.3	368.3	443.9	517.9	711.5	903.5	1097.1	1289.2	1495.4
0.0	22.5°	306.9	492.7	678.4	864.2	1049.9	1454.4	1857.4	2261.9	2664.9	3138.7
0.0	25°	445.5	787.0	1128.6	1468.6	1810.2	2442.9	3077.3	3710.1	4342.8	4958.3
0.0	27.5°	648.5	1171.1	1693.7	2214.7	2737.3	3595.2	4454.6	5312.5	6170.3	6866.0
0.0	30°	898.8	1607.1	2315.4	3023.8	3732.1	4708.0	5683.9	6658.3	7634.2	8394.5
0.0	32.5°	1134.9	2002.2	2869.5	3735.2	4602.6	5713.8	6826.7	7938.0	9049.3	9880.4
0.0	35°	1289.2	2337.5	3387.4	4435.7	5484.0	6686.6	7889.2	9090.2	10292.8	11241.9
0.0	37.5°	1443.4	2653.9	3862.7	5073.2	6282.1	7602.7	8923.3	10244.0	11564.6	12737.3
0.0	40°	1616.6	3036.4	4454.6	5874.4	7292.6	8857.2	10420.3	11984.9	13547.9	15202.3
0.0	42.5°	1917.2	3670.7	5425.8	7179.3	8932.8	11002.7	13072.6	15140.9	17210.8	19571.9
0.0	45°	2482.3	4953.6	7426.4	9897.7	12369.0	15111.0	17854.6	20596.6	23338.6	26480.4
0.0	47.5°	3865.9	7265.9	10664.3	14064.2	17462.6	20423.4	23382.7	26343.5	29302.7	32431.9
0.0	50°	5915.3	9872.5	13829.7	17785.3	21742.5	24421.5	27099.0	29778.1	32455.5	35432.1
0.0	52.5°	7398.1	11520.5	15644.6	19767.0	23889.5	26307.3	28726.6	31144.4	33562.1	36343.5
0.0	55°	7509.8	11608.7	15709.1	19808.0	23906.8	26335.6	28764.4	31193.1	33621.9	36570.1
0.0	57.5°	6648.8	10714.6	14778.8	18844.6	22908.9	25674.5	28438.5	31204.2	33968.2	37155.7
0.0	60°	5655.6	9723.0	13788.8	17856.1	21921.9	25107.8	28295.3	31481.2	34667.1	37653.1
0.0	62.5°	4412.1	8595.9	12781.4	16965.2	21149.1	24383.8	27618.5	30851.6	34086.3	36326.2
0.0	65°	3288.2	7350.9	11413.5	15474.6	19537.2	22128.1	24719.0	27308.4	29899.3	31286.0
0.0	67.5°	2376.8	5880.7	9383.0	12886.8	16389.1	18243.4	20097.6	21950.3	23804.5	24865.4
	70°	1607.1	4034.3	6459.9	8887.1	11312.8	12836.5	14361.7	15885.4	17409.1	18841.5
	72.5°	1112.9	2476.0	3840.7	5203.8	6567.0	8100.1	9631.7	11164.8	12696.4	14212.2
	75°	738.2	1358.4	1980.2	2600.3	3220.5	4355.4	5491.9	6626.8	7761.7	8665.2
	77.5°	524.2	709.9	897.2	1083.0	1268.7	1481.2	1695.3	1907.8	2120.3	2442.9
	80°	248.7	272.3	295.9	318.0	341.6	418.7	495.8	573.0	650.1	731.9
	82.5°	118.1	127.5	136.9	144.8	154.3	162.1	170.0	177.9	185.7	177.9
	85°	31.5	31.5	33.1	33.1	33.1	33.1	33.1	33.1	33.1	31.5
	87.5°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	12.6	12.6	11.0
	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):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
91.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
181.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
273.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
656.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1703.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3612.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5573.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7561.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9156.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10713.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12191.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13911.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16856.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21933.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29622.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35561.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38408.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39124.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39519.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40343.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40637.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38567.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32674.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25927.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20272.3											
15728.0											
9568.7											
2765.6											
813.8											
168.4											
29.9											
11.0											
0.0											
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°	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
0.0	2.5°	102.3	100.7	99.2	97.6	96.0	92.9	92.9	91.3	91.3
0.0	5°	111.8	110.2	108.6	107.0	107.0	105.5	103.9	103.9	102.3
0.0	7.5°	127.5	125.9	124.4	122.8	122.8	121.2	121.2	119.6	119.6
0.0	10°	146.4	146.4	146.4	146.4	146.4	144.8	144.8	144.8	143.2
0.0	12.5°	184.2	185.7	188.9	192.0	196.8	196.8	196.8	195.2	195.2
0.0	15°	291.2	308.5	321.1	333.7	344.7	369.9	366.8	362.0	358.9
0.0	17.5°	736.7	815.4	857.9	898.8	941.3	1057.8	1038.9	1020.0	1002.7
0.0	20°	1909.3	2115.5	2252.5	2389.4	2527.9	2746.7	2693.2	2639.7	2586.2
0.0	22.5°	4084.7	4558.5	4764.7	4970.9	5175.5	5440.0	5268.4	5096.8	4926.8
0.0	25°	6187.6	6803.1	7151.0	7498.8	7845.1	7996.2	7772.7	7547.6	7324.1
0.0	27.5°	8257.5	8953.3	9260.2	9565.6	9872.5	10188.9	9911.9	9633.2	9356.2
0.0	30°	9916.6	10676.8	11009.0	11339.5	11671.7	11892.0	11605.5	11317.5	11031.0
0.0	32.5°	11544.2	12375.3	12738.9	13102.5	13464.5	13780.9	13428.3	13074.1	12721.6
0.0	35°	13138.7	14087.8	14588.4	15088.9	15589.5	15883.8	15465.1	15044.9	14626.2
0.0	37.5°	15084.2	16256.9	16817.3	17377.6	17938.0	18474.7	18013.5	17550.8	17089.6
0.0	40°	18510.9	20165.3	21024.7	21885.7	22745.2	23437.8	22855.4	22272.9	21690.5
0.0	42.5°	24294.0	26655.1	27890.8	29124.8	30360.5	31441.8	30829.5	30217.2	29604.9
0.0	45°	32764.1	35905.9	37412.3	38917.1	40423.4	41213.6	40332.1	39449.1	38567.6
0.0	47.5°	38688.8	41818.1	43159.2	44500.2	45841.3	46743.3	45665.1	44586.8	43510.2
0.0	50°	41383.6	44360.2	45706.0	47050.2	48396.0	49112.2	47867.2	46620.5	45375.4
0.0	52.5°	41904.6	44686.0	46291.5	47898.6	49504.2	50461.2	48991.0	47519.3	46049.1
0.0	55°	42468.1	45416.4	47278.5	49142.2	51004.3	52329.6	50667.4	49003.6	47341.4
0.0	57.5°	43529.1	46716.5	48573.9	50429.7	52287.1	53412.6	51745.6	50077.1	48410.2
0.0	60°	43623.5	46607.9	48204.0	49801.7	51397.8	52106.1	50511.6	48915.5	47321.0
0.0	62.5°	40807.5	43047.4	44155.5	45263.7	46371.8	47141.5	45477.7	43812.4	42148.6
0.0	65°	34061.1	35447.8	36330.9	37213.9	38097.0	39014.7	37491.0	35967.3	34443.6
0.0	67.5°	26988.8	28049.7	29213.0	30376.2	31539.4	32520.1	31300.2	30078.7	28858.8
	70°	21704.7	23135.5	24443.6	25751.6	27059.7	27862.4	26637.8	25411.6	24187.0
	72.5°	17243.8	18759.6	19852.0	20942.9	22035.3	22232.0	21331.7	20431.3	19532.5
	75°	10470.6	11374.2	11396.2	11416.7	11438.7	11626.0	10879.9	10133.8	9389.3
	77.5°	3088.3	3411.0	3677.0	3941.4	4207.5	4528.6	4254.7	3979.2	3705.3
	80°	894.1	975.9	1045.2	1112.9	1182.1	1141.2	1076.7	1012.1	947.6
	82.5°	160.6	151.1	149.5	148.0	148.0	140.1	127.5	114.9	102.3
	85°	28.3	26.8	25.2	23.6	22.0	20.5	17.3	15.7	12.6
	87.5°	9.4	7.9	6.3	4.7	4.7	1.6	1.6	1.6	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: P1049414

CATALOG NUMBER: GALN-SA7B-940-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°	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
0.0	0.0	2.5°	89.7	88.1	88.1	88.1	88.1	86.6	86.6	86.6	86.6
0.0	0.0	5°	99.2	99.2	97.6	97.6	96.0	96.0	94.4	94.4	92.9
0.0	0.0	7.5°	116.5	114.9	113.3	111.8	110.2	107.0	105.5	103.9	103.9
0.0	0.0	10°	140.1	136.9	135.4	132.2	130.6	127.5	124.4	121.2	118.1
0.0	0.0	12.5°	184.2	177.9	173.1	166.9	160.6	155.8	149.5	144.8	138.5
0.0	0.0	15°	319.5	303.8	286.5	266.0	244.0	223.5	201.5	188.9	174.7
0.0	0.0	17.5°	816.9	735.1	651.7	584.0	516.3	450.2	382.5	333.7	284.9
0.0	0.0	20°	2079.3	1852.7	1626.0	1402.5	1177.4	953.9	728.8	615.5	502.1
0.0	0.0	22.5°	3913.1	3492.8	3071.0	2663.3	2254.1	1846.4	1438.7	1182.1	927.1
0.0	0.0	25°	6039.7	5510.8	4981.9	4311.4	3639.2	2968.7	2298.1	1881.0	1463.9
0.0	0.0	27.5°	7859.3	7250.1	6641.0	5825.6	5010.2	4194.9	3379.5	2757.8	2137.6
0.0	0.0	30°	9434.9	8780.1	8125.3	7176.1	6227.0	5277.8	4328.7	3551.1	2773.5
0.0	0.0	32.5°	10801.2	10017.3	9233.4	8254.4	7275.3	6296.2	5317.2	4363.3	3409.4
0.0	0.0	35°	12376.8	11462.3	10546.2	9460.1	8372.4	7286.3	6200.2	5123.6	4045.3
0.0	0.0	37.5°	14379.0	13256.7	12132.9	10922.4	9712.0	8503.1	7292.6	6061.7	4830.8
0.0	0.0	40°	18211.9	16763.7	15315.6	13777.7	12238.3	10700.5	9162.6	7651.5	6140.4
0.0	0.0	42.5°	25079.5	23122.9	21166.4	19120.1	17072.3	15026.0	12978.1	10846.8	8714.0
0.0	0.0	45°	32830.2	30403.0	27974.2	25677.6	23379.5	21083.0	18786.4	15861.8	12937.2
0.0	0.0	47.5°	37188.7	34567.9	31947.1	29773.3	27599.6	25425.8	23252.0	20099.2	16946.3
0.0	0.0	50°	38792.7	36124.7	33456.6	31456.0	29453.8	27453.2	25451.0	22293.4	19134.3
0.0	0.0	52.5°	39134.3	36412.7	33691.2	31678.0	29664.7	27653.1	25639.9	22502.8	19365.7
0.0	0.0	55°	39836.3	36916.4	33995.0	31700.0	29405.0	27110.0	24815.1	21627.6	18440.1
0.0	0.0	57.5°	40754.0	37760.1	34766.3	32151.7	29537.2	26924.3	24309.8	20824.8	17339.8
0.0	0.0	60°	40513.2	37908.1	35301.4	32501.2	29699.4	26899.1	24097.3	20264.4	16430.0
0.0	0.0	62.5°	36332.5	34257.8	32181.7	29878.8	27574.4	25271.5	22968.7	19022.5	15076.3
0.0	0.0	65°	29889.8	28375.6	26861.3	25008.7	23154.4	21301.8	19449.1	15910.6	12373.7
0.0	0.0	67.5°	24224.8	22518.5	20810.6	19334.2	17856.1	16379.7	14901.6	12117.1	9332.6
		70°	19246.0	17390.2	15532.8	14091.0	12647.6	11205.7	9763.9	7912.8	6063.3
		72.5°	15284.1	13610.9	11937.7	10399.8	8860.4	7322.5	5783.1	4689.1	3595.2
		75°	7305.2	6636.2	5967.3	5162.9	4358.6	3554.2	2749.9	2272.9	1797.6
		77.5°	2707.4	2346.9	1984.9	1657.5	1330.1	1004.3	676.8	620.2	563.5
		80°	700.5	610.7	519.4	454.9	388.8	324.3	259.7	234.5	210.9
		82.5°	80.3	74.0	69.3	66.1	61.4	58.2	53.5	48.8	44.1
		85°	4.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049414

CATALOG NUMBER: GALN-SA7B-940-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	91.3	91.3
0.0	0.0	2.5°	85.0	83.4
0.0	0.0	5°	89.7	88.1
0.0	0.0	7.5°	99.2	96.0
0.0	0.0	10°	108.6	105.5
0.0	0.0	12.5°	122.8	118.1
0.0	0.0	15°	138.5	129.1
0.0	0.0	17.5°	165.3	144.8
0.0	0.0	20°	223.5	171.6
0.0	0.0	22.5°	314.8	214.1
0.0	0.0	25°	462.8	295.9
0.0	0.0	27.5°	643.8	393.5
0.0	0.0	30°	856.3	492.7
0.0	0.0	32.5°	1043.6	587.1
0.0	0.0	35°	1287.6	683.1
0.0	0.0	37.5°	1588.2	805.9
0.0	0.0	40°	2054.1	991.7
0.0	0.0	42.5°	2893.1	1334.8
0.0	0.0	45°	4698.6	2307.6
0.0	0.0	47.5°	7229.7	3817.1
0.0	0.0	50°	8844.6	4871.7
0.0	0.0	52.5°	8976.9	4863.8
0.0	0.0	55°	8194.6	4323.9
0.0	0.0	57.5°	6992.0	3614.0
0.0	0.0	60°	5811.4	2858.5
0.0	0.0	62.5°	4578.9	1973.9
0.0	0.0	65°	3346.5	1396.2
0.0	0.0	67.5°	2403.6	1043.6
		70°	1580.4	799.6
		72.5°	1029.4	651.7
		75°	692.6	539.9
		77.5°	404.5	358.9
		80°	143.2	125.9
		82.5°	26.8	18.9
		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: P1049414

CATALOG NUMBER: GALN-SA7B-940-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: SP1-2407-184-16

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-940-U-5WQ

Data in this report applies to families of products including GSS-SB1A-940-U-5WQ

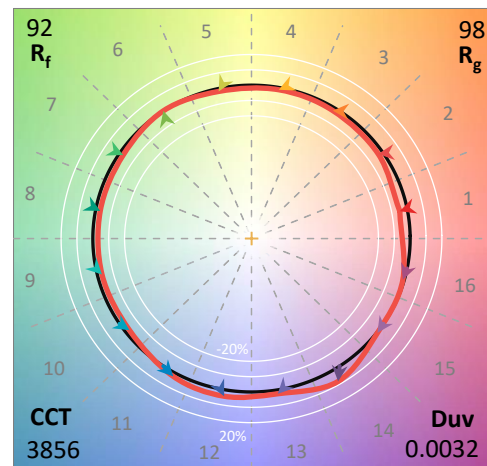
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-16
 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-940-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3856
 CIE u' : 0.2261
 CIE v' : 0.5084
 Duv: 0.0032
 CIE x: 0.3896
 CIE y: 0.3894
 CIE z: 0.2211
 Peak Wavelength (nm): 614
 Dominant Wavelength (nm): 578
 Purity: 33.77304
 R_f: 91.8
 R_g: 98.4

CRI (Ra): 92.1
 R1: 91.8
 R2: 94.1
 R3: 95.3
 R4: 92.8
 R5: 91.0
 R6: 91.6
 R7: 95.0
 R8: 85.2
 R9: 60.7
 R10: 85.2
 R11: 92.4
 R12: 74.5
 R13: 92.3
 R14: 97.0
 R15: 88.5



Test Conditions

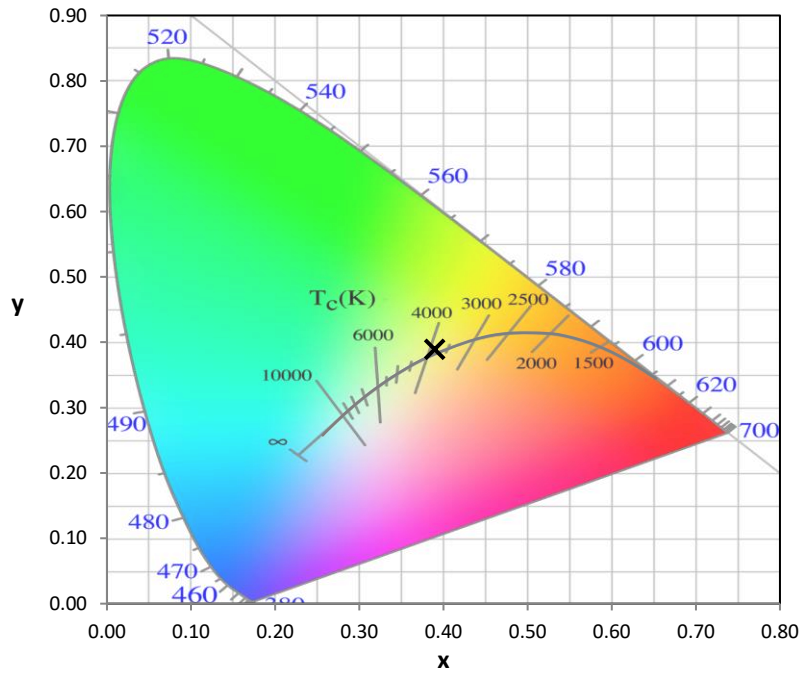
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

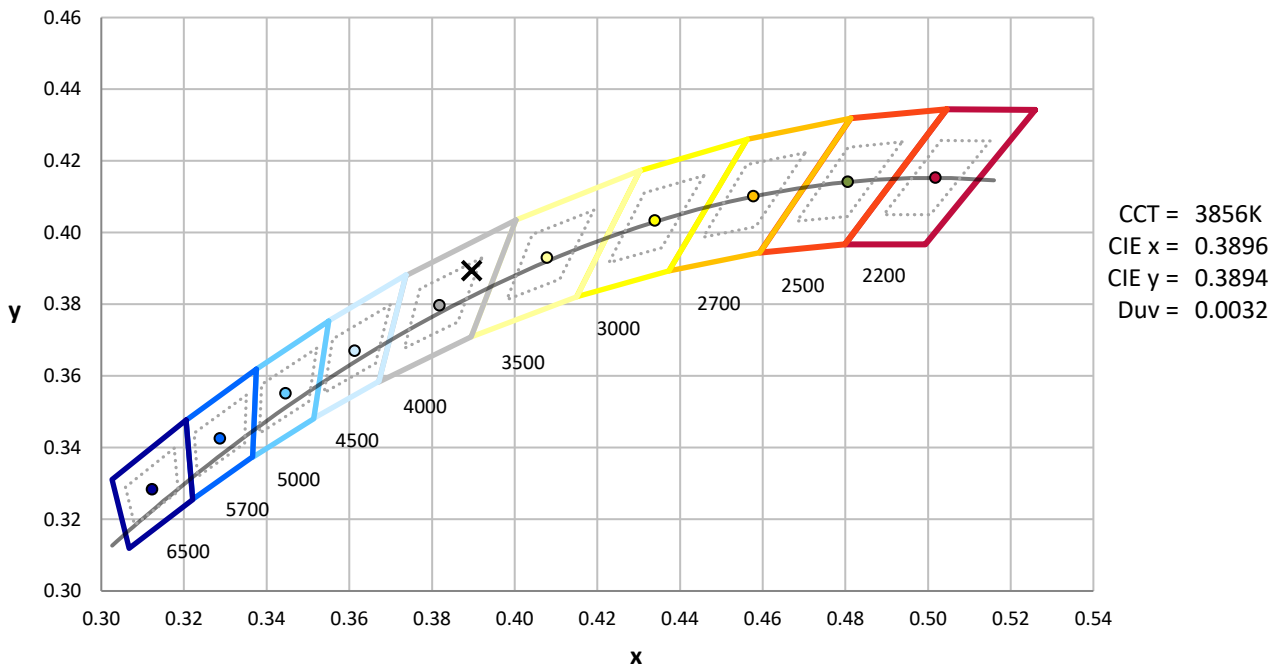
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



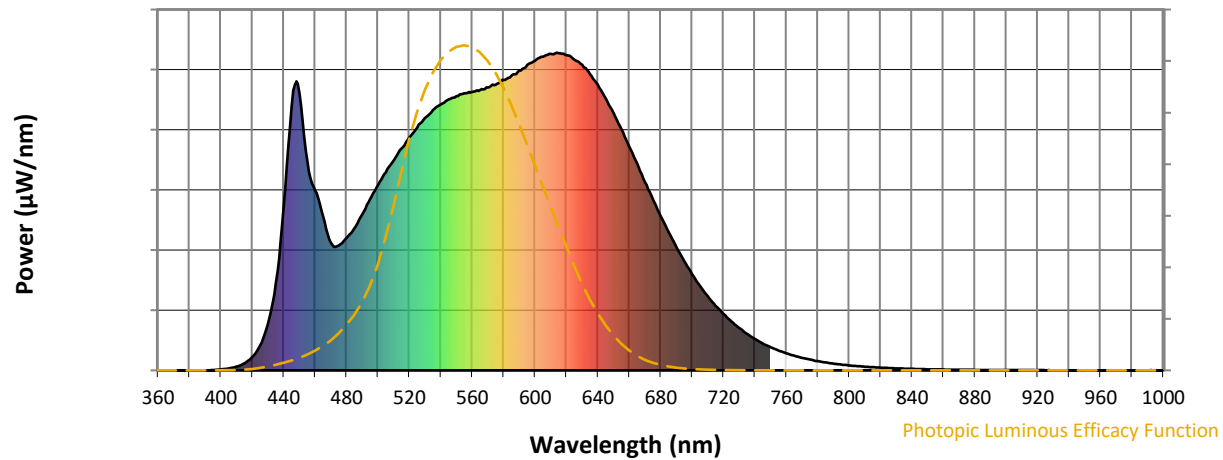
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

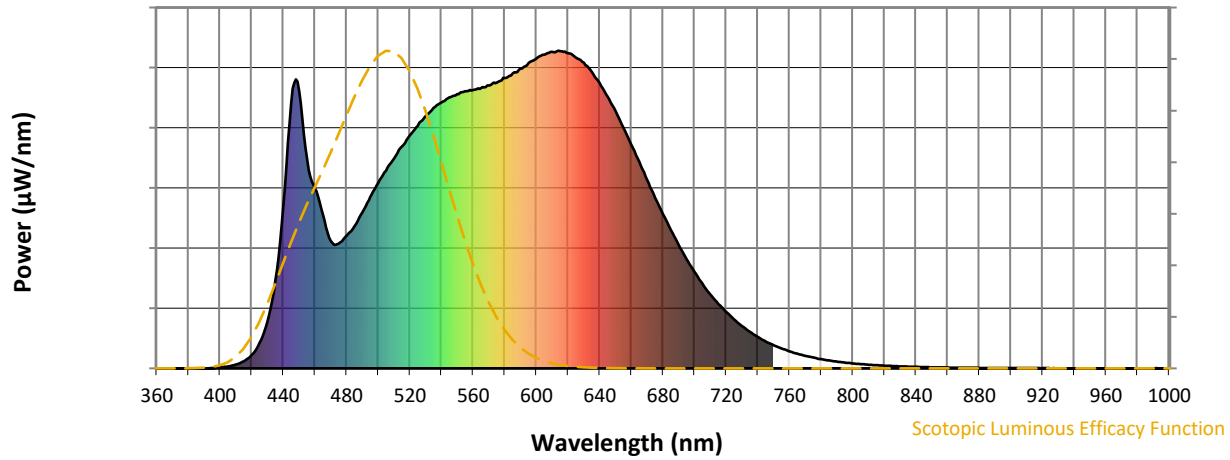


Photopic Lumens: NR

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

Scotopic Flux vs. Wavelength



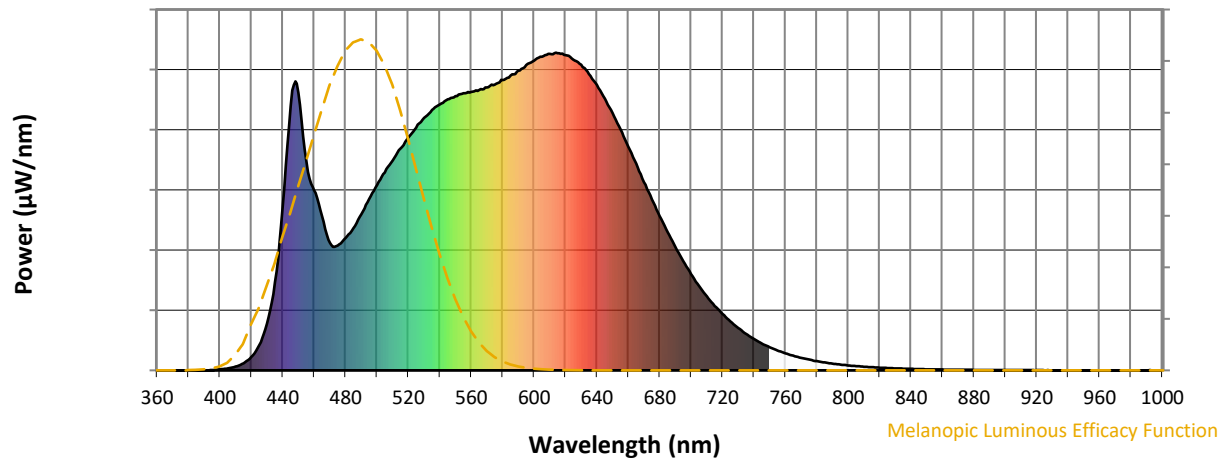
Scotopic Lumens: NR

S/P: 1.72

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

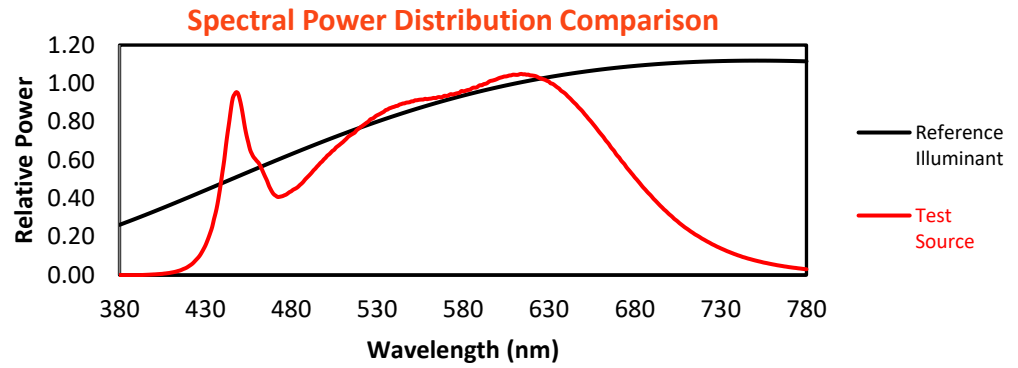
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

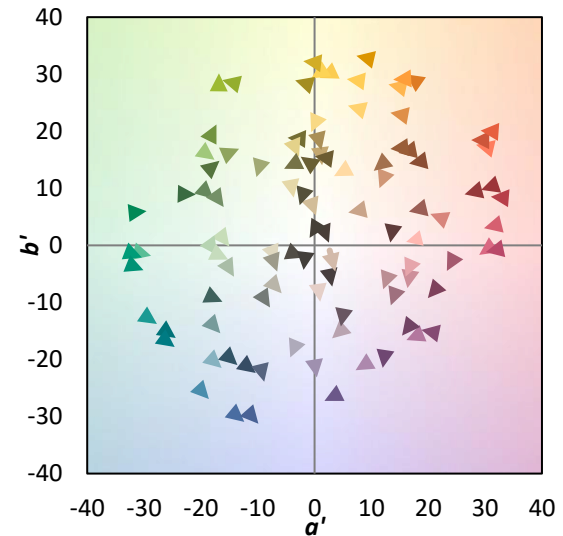
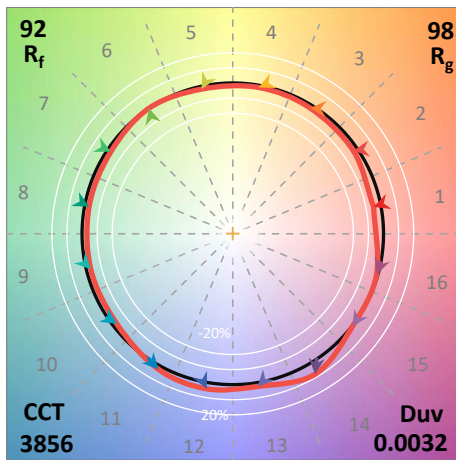
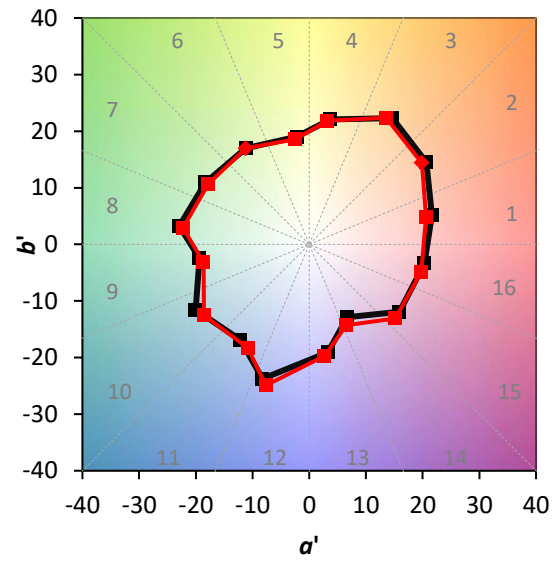
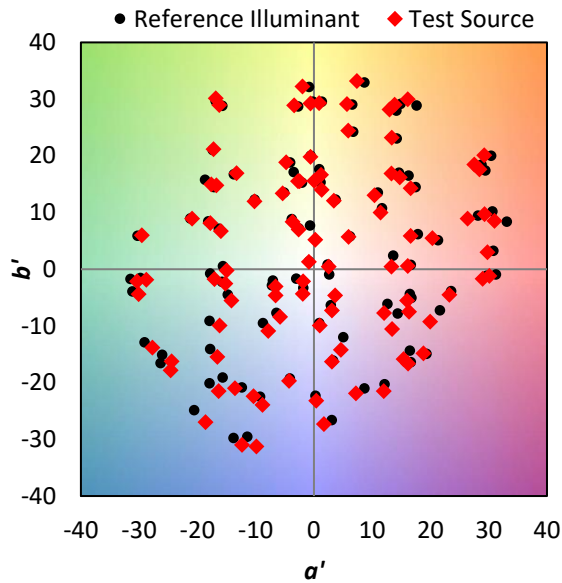
TM-30-18

Summary

$R_f = 91.8$
 $R_g = 98.4$
 $CIE R_a = 92.1$
 $R_9 = 60.7$

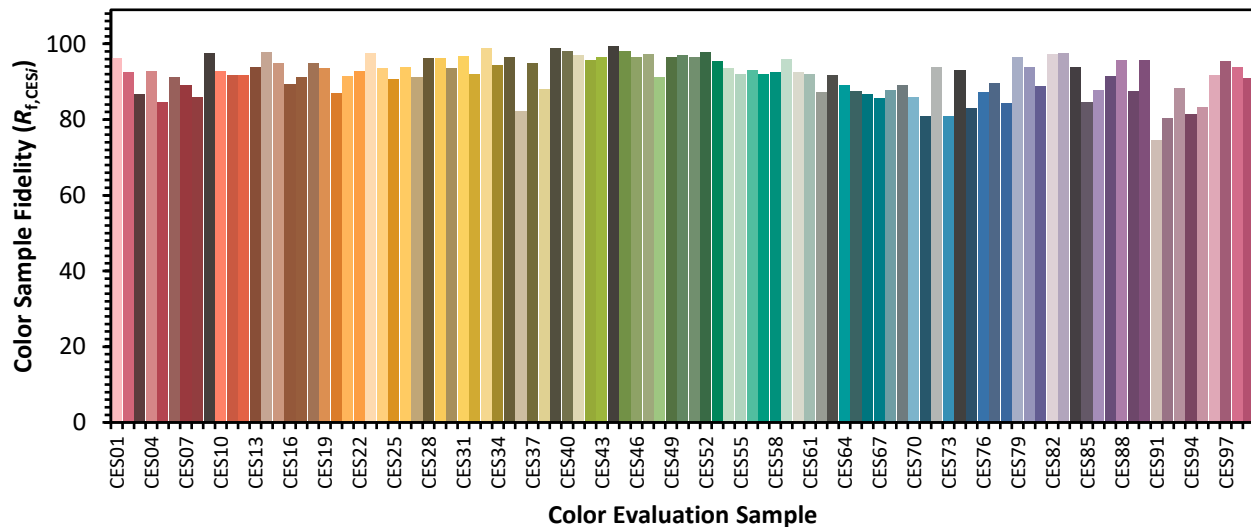


Color Vector Graphics

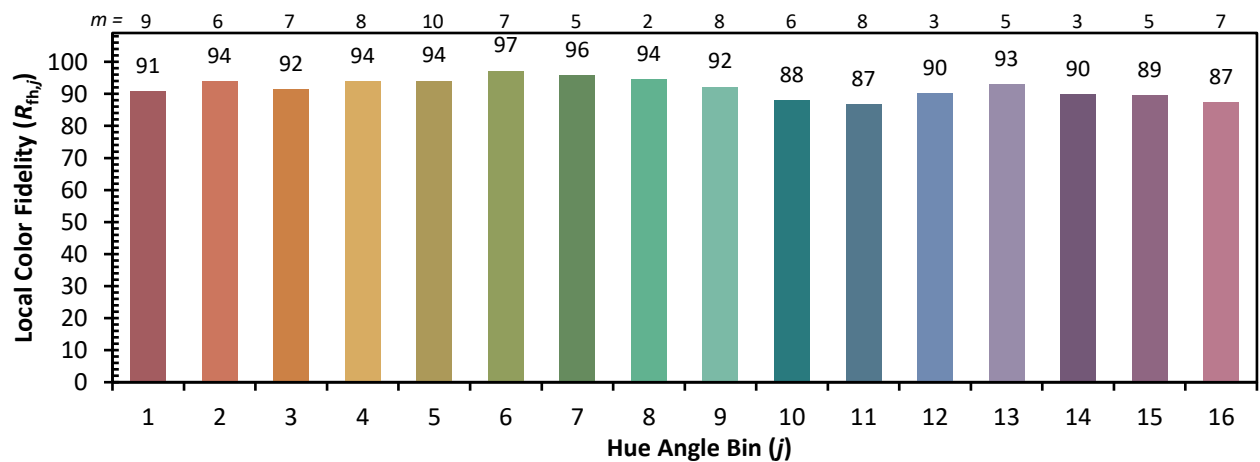
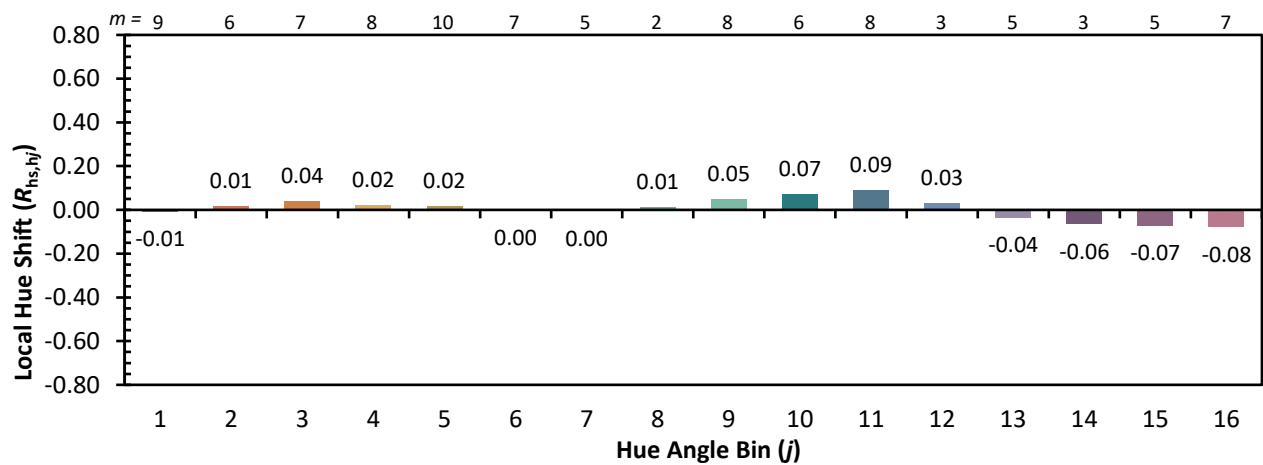
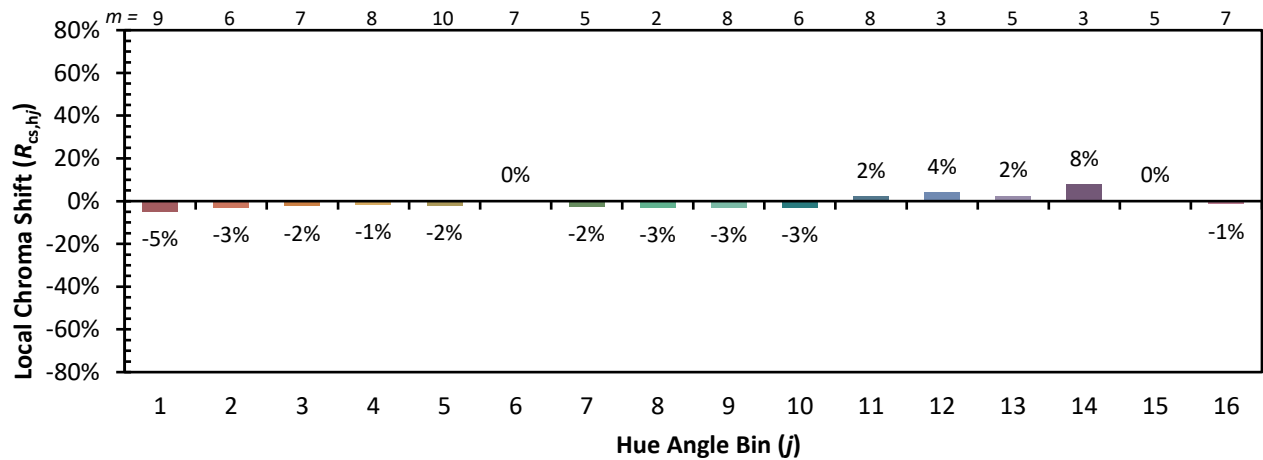


Individual Sample Fidelity Index ($R_{f,i}$)

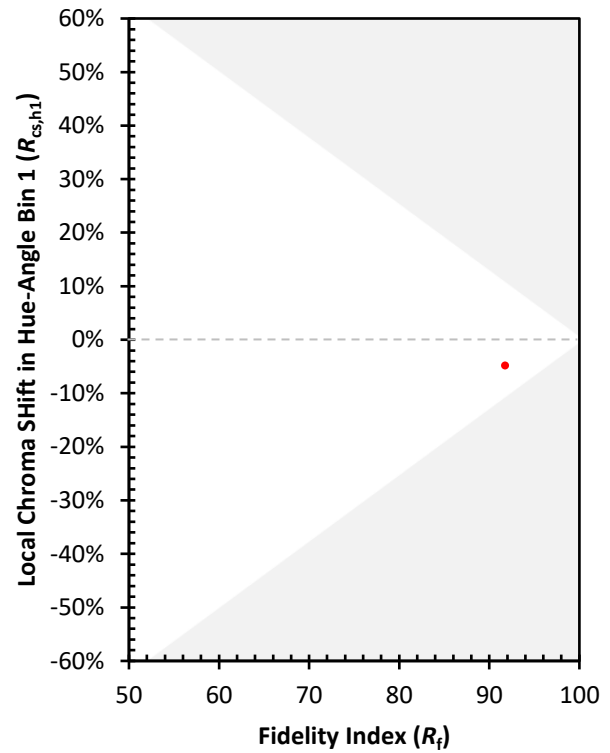
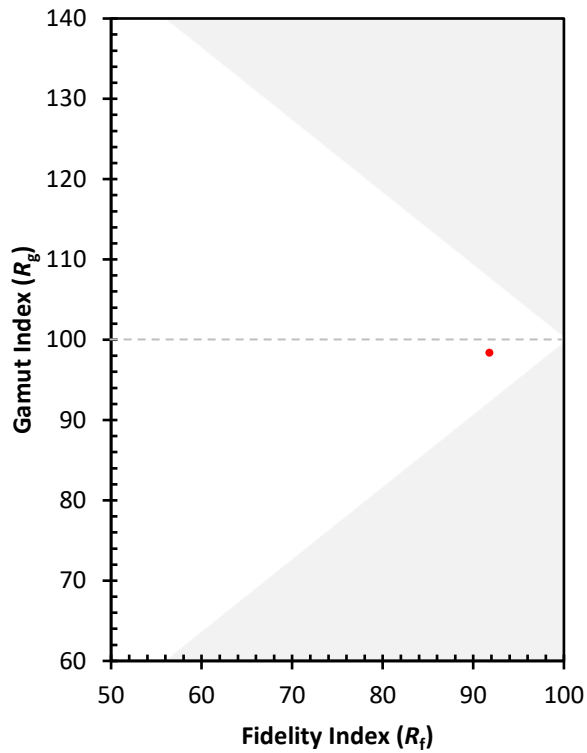
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 85
CES11 = 57	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 87	CES91 = 74
CES17 = 49	CES42 = 96	CES67 = 86	CES92 = 80
CES18 = 56	CES43 = 96	CES68 = 88	CES93 = 88
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 82
CES20 = 66	CES45 = 98	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 91	CES73 = 81	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 93	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 83	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)