

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: P1049305

Luminaire Tested: **GALN-SA7A-927-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049305
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7A-927-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
90CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (98) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14195.7 lumens
Efficiency: N/A
Efficacy: 73.5 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): 193.1
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

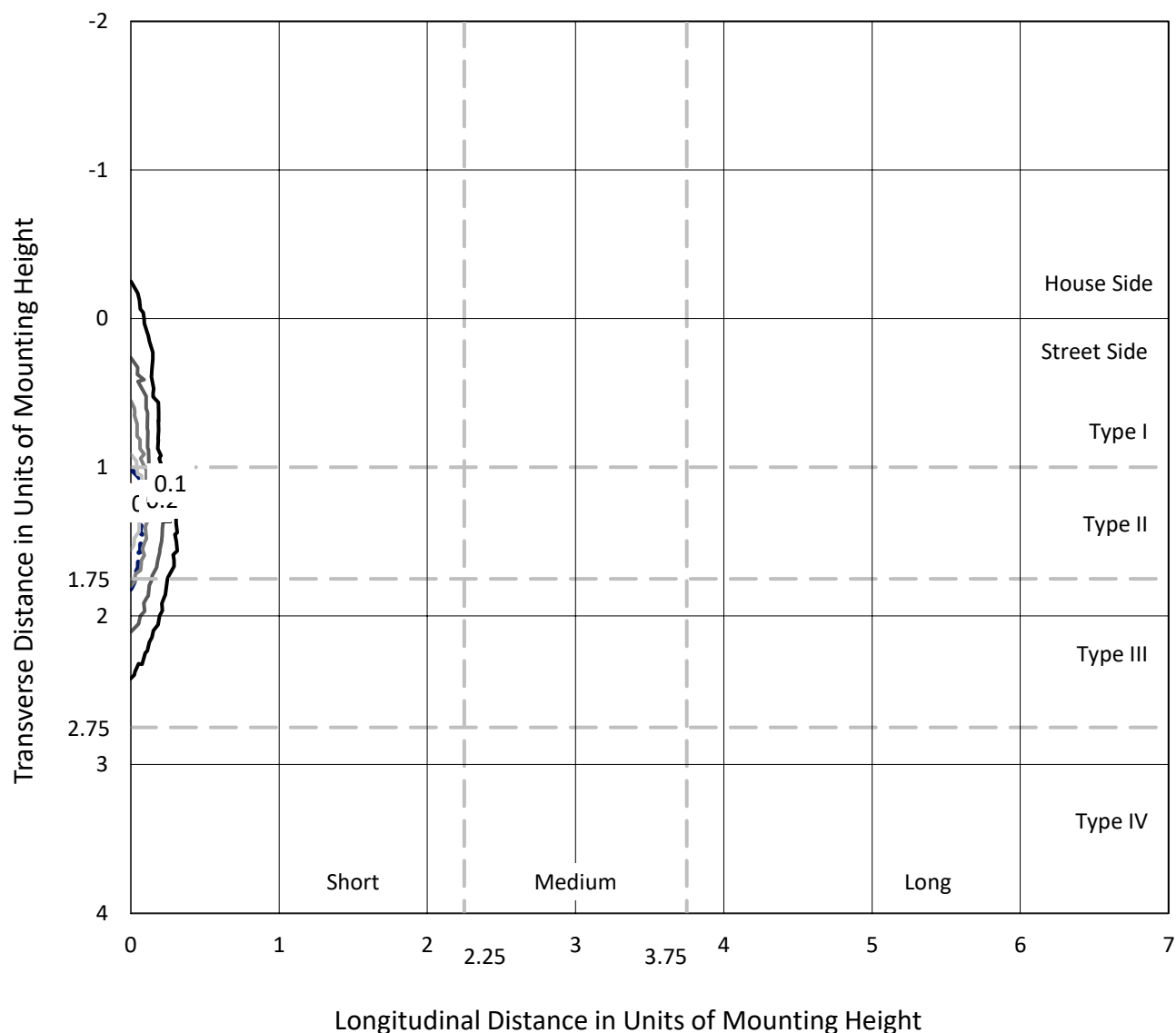
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

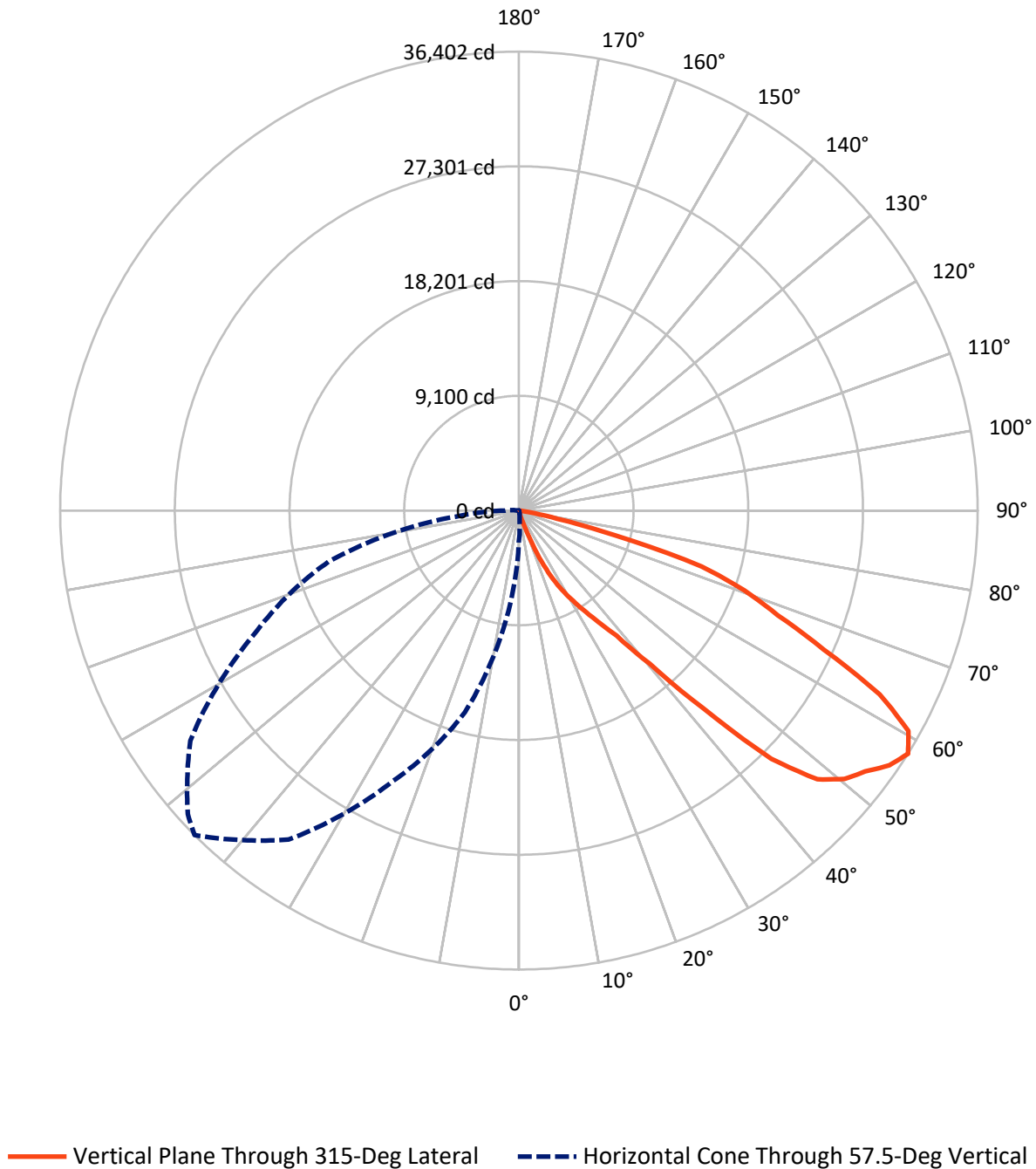


Based on 20 foot mounting height. Maximum calculated value = 2.1 fc

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	71.1	0.0	71.1
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	14124.6	0.0	14124.6
	% Fixture	99.5	0.0	99.5
Total	Lumens	14195.7	0.0	14195.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.6	0.0
10°-20°	31.2	0.2
20°-30°	336.4	2.4
30°-40°	994.8	7.0
40°-50°	2964.9	20.9
50°-60°	4701.3	33.1
60°-70°	3924.4	27.6
70°-80°	1210.1	8.5
80°-90°	26.9	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	14195.7	100.0
0°-180°	14195.7	100.0



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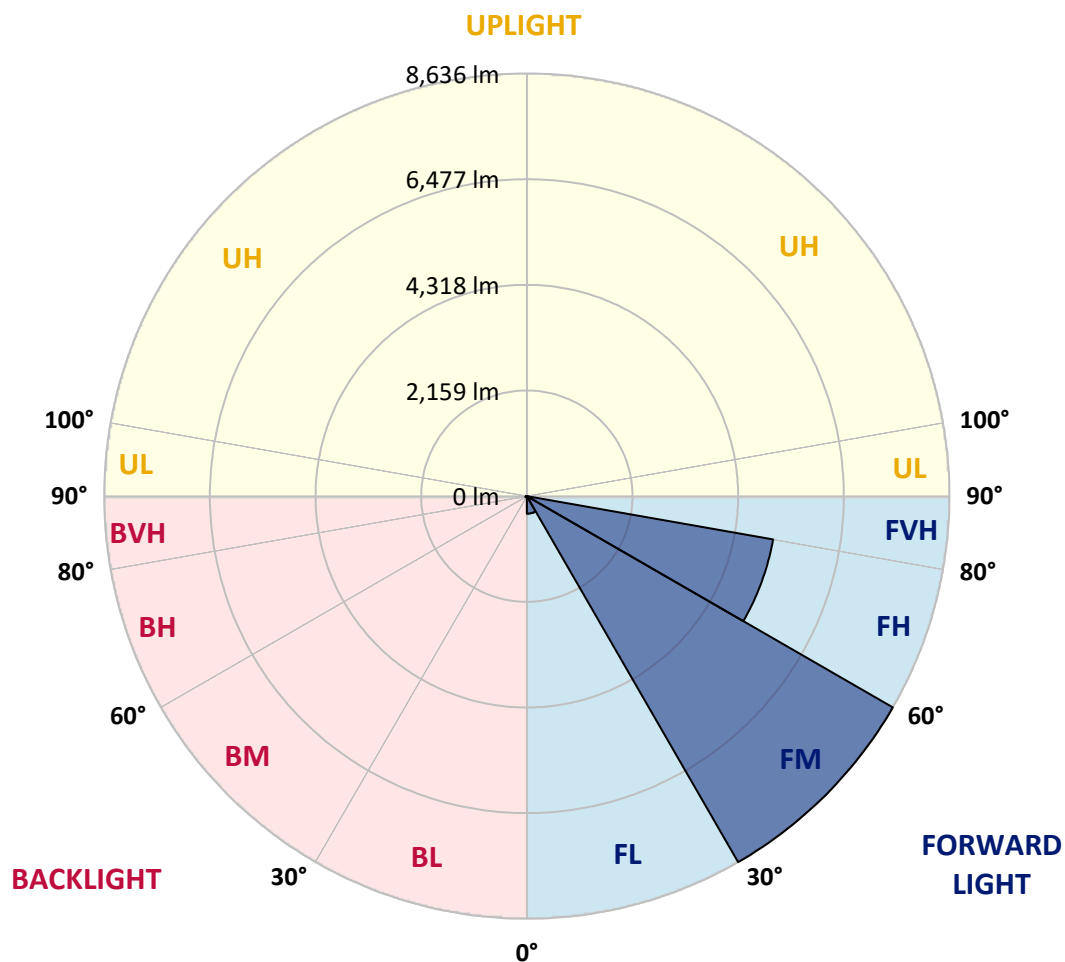
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	360.1	2.5			
FM	(30°-60°)	8635.6	60.8			
FH	(60°-80°)	5108.1	36.0			G3/7500
FVH	(80°-90°)	20.8	0.1			G1/100
BL	(0°-30°)	13.1	0.1	B0/110		
BM	(30°-60°)	25.4	0.2	B0/220		
BH	(60°-80°)	26.5	0.2	B0/110		G0/110
BVH	(80°-90°)	6.1	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°	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
2.5°	56.9	56.9	56.9	56.9	55.8	55.8	54.7	54.7	53.6	53.6
5°	60.1	60.1	59.0	57.9	57.9	56.9	55.8	54.7	54.7	53.6
7.5°	65.4	64.4	63.3	62.2	60.1	59.0	56.9	55.8	54.7	52.6
10°	71.9	69.7	67.6	65.4	63.3	61.1	59.0	57.9	55.8	54.7
12.5°	80.5	77.2	72.9	69.7	67.6	64.4	62.2	60.1	56.9	54.7
15°	88.0	83.7	78.3	74.0	70.8	66.5	63.3	60.1	57.9	54.7
17.5°	98.7	91.2	82.6	77.2	72.9	67.6	62.2	59.0	55.8	51.5
20°	116.9	101.9	85.8	79.4	72.9	66.5	60.1	55.8	52.6	48.3
22.5°	145.9	120.1	94.4	84.7	76.2	66.5	57.9	53.6	49.3	45.1
25°	201.7	155.5	109.4	96.5	83.7	70.8	57.9	52.6	48.3	42.9
27.5°	268.2	199.5	129.8	111.6	94.4	76.2	57.9	51.5	46.1	39.7
30°	335.8	244.6	152.3	128.7	105.1	81.5	57.9	50.4	44.0	36.5
32.5°	400.1	286.4	171.6	143.7	115.9	86.9	59.0	50.4	41.8	33.3
35°	465.6	320.8	174.9	145.9	116.9	86.9	57.9	48.3	39.7	30.0
37.5°	549.3	359.4	168.4	139.5	111.6	82.6	54.7	46.1	37.5	27.9
40°	675.8	423.7	171.6	141.6	111.6	81.5	51.5	42.9	35.4	26.8
42.5°	909.7	548.2	185.6	151.3	116.9	81.5	47.2	39.7	33.3	25.7
45°	1572.7	910.8	248.9	197.4	145.9	94.4	42.9	36.5	31.1	24.7
47.5°	2601.4	1524.4	447.3	345.4	244.6	142.7	41.8	36.5	31.1	24.7
50°	3320.2	1941.7	563.2	433.4	303.6	173.8	44.0	37.5	32.2	25.7
52.5°	3314.8	1971.7	627.6	481.7	336.8	191.0	46.1	39.7	34.3	27.9
55°	2946.9	1793.6	639.4	491.3	344.4	196.3	49.3	42.9	36.5	30.0
57.5°	2463.0	1523.3	583.6	451.6	320.8	188.8	56.9	49.3	42.9	35.4
60°	1948.1	1201.5	454.8	359.4	265.0	169.5	75.1	65.4	56.9	47.2
62.5°	1345.2	871.1	396.9	318.6	241.4	163.1	85.8	76.2	67.6	57.9
65°	951.5	655.5	358.3	291.8	226.4	159.8	93.3	82.6	72.9	62.2
67.5°	711.2	521.4	330.4	273.6	216.7	159.8	103.0	90.1	78.3	65.4
70°	545.0	428.0	310.0	263.9	218.8	172.7	126.6	108.3	91.2	72.9
72.5°	444.1	365.8	286.4	253.2	219.9	186.7	153.4	129.8	106.2	81.5
75°	368.0	313.2	258.5	230.6	203.8	175.9	148.0	126.6	106.2	84.7
77.5°	244.6	223.1	200.6	184.5	168.4	151.3	135.2	116.9	99.8	81.5
80°	85.8	82.6	79.4	85.8	92.3	98.7	105.1	92.3	80.5	67.6
82.5°	12.9	11.8	10.7	11.8	12.9	13.9	15.0	16.1	17.2	18.2
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°	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
0.0	2.5°	52.6	52.6	51.5	51.5	51.5	50.4	50.4	49.3	49.3	49.3
0.0	5°	51.5	51.5	50.4	49.3	48.3	48.3	47.2	46.1	46.1	45.1
0.0	7.5°	50.4	49.3	48.3	47.2	46.1	45.1	44.0	42.9	42.9	41.8
0.0	10°	51.5	49.3	48.3	46.1	45.1	44.0	41.8	40.8	39.7	39.7
0.0	12.5°	49.3	48.3	46.1	44.0	42.9	40.8	39.7	37.5	36.5	36.5
0.0	15°	49.3	47.2	44.0	41.8	39.7	38.6	36.5	34.3	33.3	32.2
0.0	17.5°	46.1	44.0	40.8	38.6	36.5	34.3	32.2	30.0	29.0	27.9
0.0	20°	41.8	39.7	36.5	33.3	31.1	29.0	26.8	24.7	23.6	22.5
0.0	22.5°	37.5	35.4	32.2	29.0	26.8	24.7	21.5	19.3	18.2	16.1
0.0	25°	35.4	32.2	29.0	25.7	22.5	20.4	17.2	13.9	11.8	9.7
0.0	27.5°	30.0	26.8	23.6	20.4	17.2	13.9	10.7	7.5	5.4	4.3
0.0	30°	25.7	22.5	19.3	16.1	11.8	8.6	5.4	1.1	1.1	1.1
0.0	32.5°	21.5	18.2	13.9	10.7	8.6	5.4	3.2	0.0	0.0	0.0
0.0	35°	17.2	13.9	9.7	6.4	5.4	3.2	2.1	0.0	0.0	0.0
0.0	37.5°	15.0	11.8	7.5	3.2	2.1	2.1	1.1	0.0	0.0	0.0
0.0	40°	13.9	9.7	5.4	1.1	1.1	1.1	0.0	0.0	0.0	0.0
0.0	42.5°	13.9	9.7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	13.9	9.7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	13.9	9.7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	15.0	10.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	17.2	12.9	8.6	4.3	3.2	2.1	1.1	0.0	0.0	0.0
0.0	55°	21.5	19.3	16.1	13.9	10.7	7.5	3.2	0.0	0.0	0.0
0.0	57.5°	27.9	27.9	26.8	25.7	19.3	12.9	6.4	0.0	0.0	0.0
0.0	60°	37.5	37.5	37.5	37.5	27.9	19.3	9.7	0.0	0.0	0.0
0.0	62.5°	46.1	44.0	40.8	38.6	29.0	19.3	9.7	0.0	0.0	0.0
0.0	65°	46.1	41.8	36.5	31.1	23.6	16.1	7.5	0.0	0.0	0.0
0.0	67.5°	42.9	34.3	24.7	16.1	11.8	8.6	4.3	0.0	0.0	0.0
	70°	42.9	30.0	17.2	4.3	3.2	2.1	1.1	0.0	0.0	0.0
	72.5°	42.9	29.0	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	47.2	32.2	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	47.2	32.2	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	41.8	27.9	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	13.9	9.7	4.3	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):

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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°	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
0.0	2.5°	48.3	48.3	48.3	47.2	47.2	47.2	47.2	46.1	46.1	46.1
0.0	5°	44.0	44.0	42.9	42.9	41.8	41.8	40.8	40.8	39.7	39.7
0.0	7.5°	40.8	39.7	39.7	38.6	37.5	37.5	36.5	36.5	35.4	34.3
0.0	10°	37.5	36.5	36.5	35.4	34.3	33.3	33.3	32.2	31.1	30.0
0.0	12.5°	34.3	33.3	32.2	31.1	30.0	29.0	29.0	27.9	26.8	25.7
0.0	15°	30.0	29.0	27.9	26.8	25.7	24.7	24.7	23.6	22.5	21.5
0.0	17.5°	25.7	24.7	24.7	23.6	22.5	21.5	20.4	18.2	17.2	16.1
0.0	20°	19.3	18.2	17.2	16.1	15.0	12.9	11.8	9.7	7.5	6.4
0.0	22.5°	12.9	10.7	9.7	7.5	5.4	4.3	3.2	1.1	0.0	0.0
0.0	25°	4.3	3.2	2.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA7A-927-U-RBC

[illegible]

REPORT NUMBER: P1049305

CATALOG NUMBER: GALN-SA7A-927-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
0.0	2.5°	45.1	45.1	45.1	44.0	44.0	44.0	44.0	44.0	44.0	44.0
0.0	5°	38.6	38.6	38.6	37.5	37.5	36.5	36.5	36.5	35.4	35.4
0.0	7.5°	33.3	32.2	32.2	31.1	31.1	30.0	30.0	30.0	29.0	29.0
0.0	10°	27.9	26.8	26.8	25.7	25.7	24.7	24.7	23.6	23.6	22.5
0.0	12.5°	24.7	23.6	22.5	21.5	21.5	20.4	19.3	19.3	18.2	17.2
0.0	15°	19.3	18.2	17.2	16.1	15.0	13.9	12.9	12.9	11.8	10.7
0.0	17.5°	12.9	10.7	9.7	8.6	8.6	7.5	6.4	5.4	4.3	3.2
0.0	20°	3.2	2.1	1.1	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



REPORT NUMBER: P1049305

CATALOG NUMBER: GALN-SA7A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049305

CATALOG NUMBER: GALN-SA7A-927-U-RBC

CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
0.0	2.5°	44.0	42.9	42.9	42.9	44.0	44.0	44.0	44.0	44.0	44.0
0.0	5°	35.4	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
0.0	7.5°	29.0	27.9	27.9	27.9	27.9	26.8	26.8	26.8	26.8	26.8
0.0	10°	22.5	21.5	21.5	21.5	21.5	20.4	20.4	20.4	20.4	20.4
0.0	12.5°	16.1	16.1	15.0	15.0	15.0	13.9	13.9	13.9	13.9	12.9
0.0	15°	9.7	8.6	7.5	7.5	7.5	6.4	6.4	6.4	6.4	5.4
0.0	17.5°	2.1	2.1	1.1	1.1	1.1	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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CATALOG NUMBER: GALN-SA7A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049305

CATALOG NUMBER: GALN-SA7A-927-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
0.0	2.5°	45.1	45.1	46.1	46.1	47.2	49.3	50.4	51.5	53.6	55.8
0.0	5°	35.4	36.5	36.5	37.5	38.6	39.7	40.8	41.8	44.0	46.1
0.0	7.5°	27.9	27.9	29.0	29.0	30.0	32.2	33.3	34.3	36.5	39.7
0.0	10°	21.5	21.5	22.5	22.5	23.6	25.7	26.8	27.9	30.0	33.3
0.0	12.5°	13.9	15.0	15.0	16.1	17.2	19.3	20.4	21.5	23.6	25.7
0.0	15°	6.4	7.5	7.5	8.6	9.7	11.8	12.9	13.9	16.1	19.3
0.0	17.5°	1.1	1.1	2.1	2.1	3.2	4.3	5.4	6.4	9.7	11.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	4.3
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
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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CATALOG NUMBER: GALN-SA7A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049305

CATALOG NUMBER: GALN-SA7A-927-U-RBC

CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
0.0	2.5°	59.0	61.1	63.3	65.4	67.6	69.7	70.8	72.9	74.0	75.1
0.0	5°	50.4	52.6	55.8	57.9	60.1	62.2	64.4	65.4	66.5	67.6
0.0	7.5°	44.0	46.1	49.3	51.5	53.6	55.8	57.9	60.1	61.1	62.2
0.0	10°	37.5	40.8	42.9	46.1	48.3	50.4	52.6	54.7	56.9	57.9
0.0	12.5°	30.0	33.3	36.5	38.6	41.8	45.1	47.2	49.3	51.5	53.6
0.0	15°	23.6	26.8	30.0	32.2	35.4	38.6	41.8	44.0	46.1	48.3
0.0	17.5°	17.2	20.4	23.6	25.7	29.0	32.2	34.3	37.5	39.7	41.8
0.0	20°	8.6	11.8	15.0	18.2	21.5	24.7	26.8	30.0	32.2	34.3
0.0	22.5°	1.1	4.3	7.5	9.7	12.9	16.1	18.2	21.5	23.6	25.7
0.0	25°	0.0	1.1	3.2	4.3	5.4	7.5	9.7	11.8	13.9	16.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.1	2.1	4.3	6.4	8.6
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
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	1.1
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	2.1
	85°	0.0	0.0	0.0	0.0	0.0	2.1	3.2	5.4	6.4	7.5
	87.5°	0.0	1.1	2.1	3.2	4.3	6.4	8.6	10.7	11.8	12.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049305

CATALOG NUMBER: GALN-SA7A-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
62.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.2	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											
1.1											
4.3											
9.7											
13.9											
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REPORT NUMBER: P1049305

CATALOG NUMBER: GALN-SA7A-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
0.0	2.5°	76.2	76.2	76.2	76.2	75.1	75.1	75.1	74.0	74.0	72.9
0.0	5°	69.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	69.7	69.7
0.0	7.5°	64.4	65.4	66.5	66.5	67.6	67.6	67.6	66.5	66.5	65.4
0.0	10°	61.1	62.2	62.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
0.0	12.5°	56.9	57.9	59.0	59.0	60.1	60.1	60.1	60.1	59.0	59.0
0.0	15°	51.5	53.6	54.7	55.8	55.8	56.9	56.9	56.9	56.9	56.9
0.0	17.5°	47.2	49.3	50.4	51.5	51.5	52.6	52.6	53.6	53.6	53.6
0.0	20°	38.6	40.8	41.8	44.0	45.1	46.1	47.2	48.3	48.3	49.3
0.0	22.5°	30.0	32.2	33.3	35.4	36.5	37.5	38.6	39.7	40.8	41.8
0.0	25°	21.5	23.6	24.7	26.8	27.9	29.0	30.0	31.1	31.1	32.2
0.0	27.5°	11.8	13.9	16.1	17.2	19.3	20.4	21.5	22.5	23.6	24.7
0.0	30°	5.4	6.4	7.5	9.7	10.7	11.8	12.9	15.0	16.1	17.2
0.0	32.5°	0.0	0.0	1.1	3.2	4.3	5.4	6.4	7.5	7.5	8.6
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.1	3.2	4.3
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°	2.1	2.1	2.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2
	82.5°	5.4	6.4	7.5	7.5	8.6	8.6	8.6	8.6	7.5	7.5
	85°	10.7	11.8	12.9	12.9	13.9	13.9	13.9	13.9	13.9	13.9
	87.5°	15.0	16.1	17.2	17.2	18.2	18.2	18.2	18.2	18.2	18.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049305

CATALOG NUMBER: GALN-SA7A-927-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
62.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	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											
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3.2											
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REPORT NUMBER: P1049305

CATALOG NUMBER: GALN-SA7A-927-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°	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
0.0	2.5°	71.9	71.9	70.8	70.8	70.8	70.8	70.8	71.9	72.9	72.9
0.0	5°	68.7	68.7	67.6	67.6	67.6	68.7	68.7	69.7	70.8	71.9
0.0	7.5°	65.4	64.4	64.4	65.4	65.4	66.5	66.5	67.6	68.7	69.7
0.0	10°	63.3	62.2	62.2	62.2	63.3	63.3	64.4	65.4	66.5	67.6
0.0	12.5°	59.0	59.0	59.0	59.0	60.1	60.1	61.1	62.2	64.4	65.4
0.0	15°	56.9	55.8	55.8	55.8	55.8	56.9	56.9	59.0	61.1	62.2
0.0	17.5°	52.6	52.6	51.5	51.5	52.6	52.6	53.6	55.8	57.9	59.0
0.0	20°	48.3	47.2	46.1	46.1	47.2	47.2	48.3	50.4	52.6	53.6
0.0	22.5°	41.8	40.8	40.8	40.8	40.8	41.8	41.8	44.0	47.2	49.3
0.0	25°	33.3	34.3	34.3	35.4	35.4	36.5	37.5	39.7	42.9	45.1
0.0	27.5°	25.7	26.8	26.8	29.0	30.0	31.1	32.2	35.4	38.6	40.8
0.0	30°	19.3	20.4	21.5	22.5	24.7	26.8	29.0	32.2	35.4	37.5
0.0	32.5°	11.8	13.9	15.0	17.2	19.3	21.5	23.6	26.8	31.1	34.3
0.0	35°	8.6	9.7	11.8	12.9	15.0	17.2	19.3	23.6	26.8	31.1
0.0	37.5°	4.3	6.4	8.6	10.7	12.9	15.0	17.2	21.5	25.7	29.0
0.0	40°	3.2	5.4	6.4	8.6	11.8	13.9	16.1	20.4	24.7	29.0
0.0	42.5°	2.1	3.2	4.3	7.5	9.7	12.9	16.1	20.4	24.7	29.0
0.0	45°	2.1	2.1	3.2	6.4	9.7	13.9	17.2	21.5	24.7	29.0
0.0	47.5°	2.1	3.2	4.3	8.6	10.7	13.9	17.2	20.4	24.7	27.9
0.0	50°	3.2	4.3	5.4	9.7	11.8	15.0	17.2	21.5	24.7	29.0
0.0	52.5°	2.1	3.2	4.3	8.6	11.8	16.1	19.3	23.6	27.9	31.1
0.0	55°	1.1	1.1	1.1	6.4	12.9	18.2	24.7	27.9	32.2	35.4
0.0	57.5°	0.0	0.0	0.0	4.3	12.9	20.4	27.9	32.2	36.5	39.7
0.0	60°	0.0	0.0	0.0	4.3	12.9	20.4	27.9	33.3	38.6	44.0
0.0	62.5°	0.0	0.0	0.0	4.3	10.7	17.2	23.6	32.2	41.8	50.4
0.0	65°	0.0	0.0	0.0	3.2	8.6	13.9	19.3	32.2	45.1	56.9
0.0	67.5°	0.0	0.0	0.0	3.2	8.6	12.9	18.2	32.2	45.1	59.0
	70°	0.0	0.0	0.0	3.2	8.6	13.9	19.3	32.2	45.1	57.9
	72.5°	0.0	0.0	0.0	3.2	9.7	15.0	21.5	32.2	42.9	53.6
	75°	0.0	0.0	0.0	4.3	9.7	16.1	22.5	32.2	41.8	50.4
	77.5°	0.0	0.0	0.0	3.2	9.7	15.0	21.5	31.1	40.8	49.3
	80°	3.2	2.1	2.1	5.4	9.7	13.9	18.2	27.9	38.6	48.3
	82.5°	6.4	6.4	5.4	7.5	9.7	12.9	16.1	24.7	34.3	42.9
	85°	12.9	12.9	11.8	12.9	12.9	13.9	15.0	19.3	23.6	27.9
	87.5°	17.2	17.2	16.1	16.1	16.1	15.0	15.0	15.0	15.0	13.9
	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

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
62.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.8											
64.4											
60.1											
59.0											
57.9											
51.5											
32.2											
13.9											
0.0											
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REPORT NUMBER: P1049305

CATALOG NUMBER: GALN-SA7A-927-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
0.0	2.5°	75.1	76.2	76.2	77.2	78.3	79.4	79.4	80.5	80.5	80.5
0.0	5°	74.0	76.2	77.2	78.3	79.4	80.5	81.5	82.6	83.7	83.7
0.0	7.5°	72.9	74.0	76.2	77.2	79.4	80.5	82.6	83.7	84.7	85.8
0.0	10°	70.8	72.9	75.1	77.2	79.4	81.5	83.7	85.8	88.0	89.0
0.0	12.5°	68.7	71.9	74.0	76.2	79.4	82.6	84.7	88.0	90.1	92.3
0.0	15°	67.6	69.7	72.9	75.1	79.4	83.7	86.9	91.2	95.5	98.7
0.0	17.5°	64.4	68.7	71.9	75.1	79.4	84.7	89.0	93.3	99.8	106.2
0.0	20°	60.1	63.3	67.6	70.8	77.2	82.6	89.0	94.4	104.1	113.7
0.0	22.5°	55.8	60.1	63.3	67.6	75.1	81.5	89.0	95.5	111.6	126.6
0.0	25°	51.5	56.9	61.1	65.4	74.0	82.6	91.2	99.8	126.6	153.4
0.0	27.5°	49.3	53.6	59.0	63.3	74.0	85.8	96.5	107.3	150.2	192.0
0.0	30°	46.1	51.5	55.8	61.1	75.1	89.0	103.0	116.9	182.4	247.8
0.0	32.5°	42.9	48.3	53.6	59.0	77.2	95.5	112.6	130.9	216.7	301.4
0.0	35°	39.7	46.1	51.5	56.9	80.5	105.1	128.7	152.3	247.8	342.2
0.0	37.5°	38.6	45.1	50.4	55.8	81.5	106.2	131.9	156.6	251.0	345.4
0.0	40°	39.7	45.1	51.5	56.9	78.3	99.8	120.1	141.6	240.3	337.9
0.0	42.5°	39.7	46.1	52.6	59.0	76.2	93.3	110.5	127.7	237.1	346.5
0.0	45°	38.6	45.1	51.5	57.9	74.0	89.0	105.1	120.1	256.4	391.6
0.0	47.5°	37.5	44.0	50.4	56.9	72.9	89.0	105.1	121.2	331.5	540.7
0.0	50°	37.5	44.0	49.3	54.7	74.0	94.4	113.7	133.0	482.7	831.4
0.0	52.5°	39.7	45.1	49.3	53.6	76.2	99.8	122.3	144.8	613.6	1081.3
0.0	55°	42.9	46.1	50.4	53.6	81.5	108.3	136.2	163.1	653.3	1143.6
0.0	57.5°	47.2	50.4	53.6	56.9	91.2	125.5	158.8	193.1	656.5	1118.9
0.0	60°	52.6	56.9	60.1	63.3	99.8	137.3	173.8	210.3	594.3	977.3
0.0	62.5°	64.4	69.7	74.0	79.4	114.8	149.1	184.5	218.8	493.5	768.1
0.0	65°	74.0	78.3	82.6	86.9	121.2	156.6	191.0	225.3	418.4	611.5
0.0	67.5°	76.2	80.5	83.7	88.0	123.4	158.8	193.1	228.5	358.3	487.0
	70°	77.2	82.6	89.0	94.4	130.9	167.3	202.8	239.2	317.5	395.8
	72.5°	74.0	84.7	94.4	104.1	138.4	171.6	206.0	239.2	295.0	350.8
	75°	74.0	89.0	103.0	116.9	142.7	167.3	193.1	217.8	260.7	303.6
	77.5°	78.3	97.6	116.9	136.2	151.3	165.2	180.2	194.2	222.1	250.0
	80°	78.3	98.7	118.0	138.4	144.8	152.3	158.8	165.2	168.4	171.6
	82.5°	67.6	83.7	99.8	115.9	108.3	100.8	93.3	85.8	80.5	74.0
	85°	34.3	37.5	39.7	41.8	38.6	35.4	32.2	29.0	26.8	23.6
	87.5°	13.9	13.9	12.9	12.9	12.9	12.9	11.8	11.8	11.8	11.8
	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: P1049305

CATALOG NUMBER: GALN-SA7A-927-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
62.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
228.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
317.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
430.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
537.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
610.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
665.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
719.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
827.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1041.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1587.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2431.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3061.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3131.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2825.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2415.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1888.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1426.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1053.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
745.6											
554.6											
403.4											
303.6											
170.6											
77.2											
22.5											
10.7											
0.0											
0.0											
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REPORT NUMBER: P1049305

CATALOG NUMBER: GALN-SA7A-927-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°	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
0.0	2.5°	80.5	79.4	79.4	78.3	77.2	76.2	75.1	74.0	72.9	71.9
0.0	5°	83.7	83.7	83.7	82.6	82.6	81.5	81.5	80.5	79.4	78.3
0.0	7.5°	86.9	88.0	88.0	89.0	89.0	89.0	89.0	88.0	88.0	88.0
0.0	10°	92.3	93.3	94.4	95.5	96.5	97.6	97.6	98.7	98.7	98.7
0.0	12.5°	98.7	101.9	104.1	107.3	109.4	112.6	114.8	118.0	120.1	122.3
0.0	15°	108.3	113.7	120.1	125.5	130.9	138.4	147.0	154.5	162.0	173.8
0.0	17.5°	122.3	139.5	156.6	172.7	189.9	227.4	265.0	301.4	339.0	393.7
0.0	20°	149.1	200.6	251.0	302.5	352.9	484.9	615.8	747.7	878.6	1019.1
0.0	22.5°	209.2	335.8	462.4	588.9	715.5	991.2	1265.9	1541.6	1816.2	2139.1
0.0	25°	303.6	536.4	769.2	1000.9	1233.7	1664.9	2097.2	2528.5	2959.7	3379.2
0.0	27.5°	442.0	798.1	1154.3	1509.4	1865.5	2450.2	3035.9	3620.6	4205.2	4679.4
0.0	30°	612.5	1095.3	1578.0	2060.8	2543.5	3208.6	3873.7	4537.8	5202.9	5721.0
0.0	32.5°	773.5	1364.5	1955.6	2545.6	3136.7	3894.1	4652.5	5409.9	6167.3	6733.7
0.0	35°	878.6	1593.0	2308.6	3023.0	3737.5	4557.1	5376.7	6195.2	7014.8	7661.6
0.0	37.5°	983.7	1808.7	2632.5	3457.5	4281.4	5181.4	6081.5	6981.5	7881.5	8680.7
0.0	40°	1101.7	2069.3	3035.9	4003.5	4970.1	6036.4	7101.6	8168.0	9233.2	10360.7
0.0	42.5°	1306.6	2501.7	3697.8	4892.8	6087.9	7498.6	8909.2	10318.8	11729.5	13338.6
0.0	45°	1691.7	3376.0	5061.3	6745.5	8429.7	10298.5	12168.3	14037.0	15905.7	18047.0
0.0	47.5°	2634.7	4951.8	7267.9	9585.1	11901.2	13919.0	15935.8	17953.6	19970.4	22103.1
0.0	50°	4031.4	6728.3	9425.2	12121.1	14818.0	16643.8	18468.6	20294.4	22119.2	24147.7
0.0	52.5°	5042.0	7851.5	10662.1	13471.7	16281.2	17929.0	19577.8	21225.5	22873.3	24768.9
0.0	55°	5118.1	7911.6	10706.1	13499.6	16293.0	17948.3	19603.5	21258.8	22914.1	24923.3
0.0	57.5°	4531.3	7302.2	10072.1	12843.0	15612.9	17497.7	19381.5	21266.3	23150.1	25322.4
0.0	60°	3854.4	6626.4	9397.3	12169.3	14940.3	17111.5	19283.9	21455.1	23626.4	25661.4
0.0	62.5°	3006.9	5858.3	8710.8	11562.2	14413.5	16618.1	18822.6	21026.0	23230.5	24757.1
0.0	65°	2241.0	5009.8	7778.6	10546.3	13315.0	15080.8	16846.6	18611.2	20377.0	21322.1
0.0	67.5°	1619.9	4007.8	6394.7	8782.7	11169.5	12433.2	13696.9	14959.6	16223.3	16946.3
	70°	1095.3	2749.5	4402.6	6056.8	7709.9	8748.3	9787.8	10826.3	11864.7	12840.9
	72.5°	758.4	1687.4	2617.5	3546.5	4475.5	5520.4	6564.2	7609.1	8652.8	9685.9
	75°	503.1	925.8	1349.5	1772.2	2194.9	2968.3	3742.8	4516.3	5289.8	5905.5
	77.5°	357.2	483.8	611.5	738.1	864.6	1009.5	1155.4	1300.2	1445.0	1664.9
	80°	169.5	185.6	201.7	216.7	232.8	285.4	337.9	390.5	443.0	498.8
	82.5°	80.5	86.9	93.3	98.7	105.1	110.5	115.9	121.2	126.6	121.2
	85°	21.5	21.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	21.5
	87.5°	9.7	9.7	9.7	9.7	9.7	9.7	9.7	8.6	8.6	7.5
	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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CATALOG NUMBER: GALN-SA7A-927-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
62.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
186.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
447.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1160.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2462.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3798.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5153.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6240.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7301.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8308.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9481.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11488.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14947.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20188.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24235.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26176.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26664.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26933.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27494.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27695.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26284.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22268.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17670.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13816.0											
10719.0											
6521.3											
1884.8											
554.6											
114.8											
20.4											
7.5											
0.0											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA7A-927-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
0.0	2.5°	69.7	68.7	67.6	66.5	65.4	63.3	63.3	62.2	62.2
0.0	5°	76.2	75.1	74.0	72.9	72.9	71.9	70.8	70.8	69.7
0.0	7.5°	86.9	85.8	84.7	83.7	83.7	82.6	82.6	81.5	81.5
0.0	10°	99.8	99.8	99.8	99.8	99.8	98.7	98.7	98.7	97.6
0.0	12.5°	125.5	126.6	128.7	130.9	134.1	134.1	134.1	133.0	133.0
0.0	15°	198.5	210.3	218.8	227.4	234.9	252.1	250.0	246.7	244.6
0.0	17.5°	502.0	555.7	584.7	612.5	641.5	720.9	708.0	695.1	683.3
0.0	20°	1301.3	1441.8	1535.1	1628.4	1722.8	1872.0	1835.5	1799.0	1762.5
0.0	22.5°	2783.8	3106.7	3247.2	3387.8	3527.2	3707.4	3590.5	3473.6	3357.7
0.0	25°	4217.0	4636.5	4873.5	5110.6	5346.6	5449.6	5297.3	5143.9	4991.5
0.0	27.5°	5627.7	6101.8	6311.0	6519.1	6728.3	6943.9	6755.1	6565.3	6376.5
0.0	30°	6758.4	7276.5	7502.9	7728.1	7954.5	8104.7	7909.4	7713.1	7517.9
0.0	32.5°	7867.6	8434.0	8681.8	8929.6	9176.4	9392.0	9151.7	8910.3	8670.0
0.0	35°	8954.3	9601.2	9942.3	10283.4	10624.6	10825.2	10539.8	10253.4	9968.0
0.0	37.5°	10280.2	11079.4	11461.3	11843.2	12225.1	12590.9	12276.6	11961.2	11646.9
0.0	40°	12615.6	13743.1	14328.8	14915.6	15501.3	15973.3	15576.4	15179.5	14782.6
0.0	42.5°	16556.9	18166.0	19008.2	19849.2	20691.3	21428.3	21011.0	20593.7	20176.4
0.0	45°	22329.4	24470.6	25497.3	26522.8	27549.4	28088.0	27487.2	26885.4	26284.7
0.0	47.5°	26367.3	28499.9	29413.9	30327.9	31241.9	31856.6	31121.7	30386.9	29653.1
0.0	50°	28203.8	30232.4	31149.6	32065.7	32982.9	33471.1	32622.5	31772.9	30924.3
0.0	52.5°	28558.9	30454.5	31548.7	32644.0	33738.2	34390.4	33388.5	32385.4	31383.5
0.0	55°	28943.0	30952.2	32221.3	33491.4	34760.5	35663.8	34530.9	33397.0	32264.2
0.0	57.5°	29666.0	31838.3	33104.2	34368.9	35634.8	36401.8	35265.8	34128.7	32992.6
0.0	60°	29730.4	31764.3	32852.1	33940.9	35028.7	35511.4	34424.7	33337.0	32250.3
0.0	62.5°	27811.2	29337.7	30092.9	30848.2	31603.4	32128.0	30994.1	29859.1	28725.2
0.0	65°	23213.4	24158.5	24760.3	25362.1	25963.9	26589.3	25550.9	24512.5	23474.0
0.0	67.5°	18393.5	19116.5	19909.3	20702.0	21494.8	22163.1	21331.7	20499.3	19667.9
	70°	14792.2	15767.4	16658.8	17550.3	18441.7	18988.9	18154.2	17318.6	16484.0
	72.5°	11752.0	12785.1	13529.6	14273.0	15017.5	15151.6	14538.0	13924.4	13311.8
	75°	7136.0	7751.7	7766.8	7780.7	7795.7	7923.4	7414.9	6906.4	6399.0
	77.5°	2104.7	2324.7	2506.0	2686.2	2867.5	3086.3	2899.7	2711.9	2525.3
	80°	609.3	665.1	712.3	758.4	805.6	777.7	733.8	689.8	645.8
	82.5°	109.4	103.0	101.9	100.8	100.8	95.5	86.9	78.3	69.7
	85°	19.3	18.2	17.2	16.1	15.0	13.9	11.8	10.7	8.6
	87.5°	6.4	5.4	4.3	3.2	3.2	1.1	1.1	1.1	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA7A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049305

CATALOG NUMBER: GALN-SA7A-927-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°	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
0.0	0.0	2.5°	61.1	60.1	60.1	60.1	60.1	59.0	59.0	59.0	59.0
0.0	0.0	5°	67.6	67.6	66.5	66.5	65.4	65.4	64.4	64.4	63.3
0.0	0.0	7.5°	79.4	78.3	77.2	76.2	75.1	72.9	71.9	70.8	70.8
0.0	0.0	10°	95.5	93.3	92.3	90.1	89.0	86.9	84.7	82.6	80.5
0.0	0.0	12.5°	125.5	121.2	118.0	113.7	109.4	106.2	101.9	98.7	94.4
0.0	0.0	15°	217.8	207.0	195.2	181.3	166.3	152.3	137.3	128.7	119.1
0.0	0.0	17.5°	556.8	501.0	444.1	398.0	351.9	306.8	260.7	227.4	194.2
0.0	0.0	20°	1417.1	1262.6	1108.2	955.8	802.4	650.1	496.7	419.4	342.2
0.0	0.0	22.5°	2666.9	2380.4	2092.9	1815.1	1536.2	1258.3	980.5	805.6	631.9
0.0	0.0	25°	4116.2	3755.7	3395.3	2938.3	2480.2	2023.2	1566.2	1281.9	997.7
0.0	0.0	27.5°	5356.3	4941.1	4526.0	3970.3	3414.6	2858.9	2303.2	1879.5	1456.8
0.0	0.0	30°	6430.1	5983.8	5537.6	4890.7	4243.8	3597.0	2950.1	2420.1	1890.2
0.0	0.0	32.5°	7361.3	6827.0	6292.8	5625.5	4958.3	4291.0	3623.8	2973.7	2323.6
0.0	0.0	35°	8435.1	7811.8	7187.5	6447.3	5706.0	4965.8	4225.6	3491.8	2757.0
0.0	0.0	37.5°	9799.6	9034.7	8268.8	7443.9	6618.9	5795.0	4970.1	4131.2	3292.3
0.0	0.0	40°	12411.8	11424.8	10437.9	9389.8	8340.7	7292.6	6244.5	5214.7	4184.8
0.0	0.0	42.5°	17092.2	15758.8	14425.3	13030.8	11635.1	10240.5	8844.9	7392.4	5938.8
0.0	0.0	45°	22374.5	20720.3	19065.0	17499.9	15933.6	14368.5	12803.3	10810.2	8817.0
0.0	0.0	47.5°	25344.9	23558.8	21772.7	20291.2	18809.7	17328.2	15846.7	13698.0	11549.3
0.0	0.0	50°	26438.1	24619.7	22801.4	21438.0	20073.4	18709.9	17345.4	15193.4	13040.4
0.0	0.0	52.5°	26670.9	24816.1	22961.3	21589.2	20217.2	18846.2	17474.1	15336.1	13198.1
0.0	0.0	55°	27149.3	25159.3	23168.3	21604.2	20040.2	18476.1	16912.0	14739.7	12567.3
0.0	0.0	57.5°	27774.7	25734.3	23694.0	21912.1	20130.3	18349.5	16567.6	14192.6	11817.5
0.0	0.0	60°	27610.6	25835.2	24058.7	22150.3	20240.8	18332.3	16422.8	13810.7	11197.4
0.0	0.0	62.5°	24761.3	23347.5	21932.5	20363.1	18792.5	17223.1	15653.7	12964.3	10274.9
0.0	0.0	65°	20370.6	19338.6	18306.6	17043.9	15780.2	14517.6	13255.0	10843.4	8432.9
0.0	0.0	67.5°	16509.7	15346.8	14182.9	13176.7	12169.3	11163.1	10155.8	8258.1	6360.4
		70°	13116.6	11851.8	10586.0	9603.3	8619.6	7636.9	6654.3	5392.7	4132.3
		72.5°	10416.5	9276.1	8135.8	7087.7	6038.5	4990.5	3941.3	3195.7	2450.2
		75°	4978.7	4522.7	4066.8	3518.6	2970.5	2422.3	1874.1	1549.1	1225.1
		77.5°	1845.1	1599.5	1352.7	1129.6	906.5	684.4	461.3	422.7	384.0
		80°	477.4	416.2	354.0	310.0	265.0	221.0	177.0	159.8	143.7
		82.5°	54.7	50.4	47.2	45.1	41.8	39.7	36.5	33.3	30.0
		85°	3.2	2.1	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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CATALOG NUMBER: GALN-SA7A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049305

CATALOG NUMBER: GALN-SA7A-927-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	62.2	62.2
0.0	0.0	2.5°	57.9	56.9
0.0	0.0	5°	61.1	60.1
0.0	0.0	7.5°	67.6	65.4
0.0	0.0	10°	74.0	71.9
0.0	0.0	12.5°	83.7	80.5
0.0	0.0	15°	94.4	88.0
0.0	0.0	17.5°	112.6	98.7
0.0	0.0	20°	152.3	116.9
0.0	0.0	22.5°	214.6	145.9
0.0	0.0	25°	315.4	201.7
0.0	0.0	27.5°	438.8	268.2
0.0	0.0	30°	583.6	335.8
0.0	0.0	32.5°	711.2	400.1
0.0	0.0	35°	877.5	465.6
0.0	0.0	37.5°	1082.4	549.3
0.0	0.0	40°	1399.9	675.8
0.0	0.0	42.5°	1971.7	909.7
0.0	0.0	45°	3202.2	1572.7
0.0	0.0	47.5°	4927.2	2601.4
0.0	0.0	50°	6027.8	3320.2
0.0	0.0	52.5°	6117.9	3314.8
0.0	0.0	55°	5584.8	2946.9
0.0	0.0	57.5°	4765.2	2463.0
0.0	0.0	60°	3960.6	1948.1
0.0	0.0	62.5°	3120.6	1345.2
0.0	0.0	65°	2280.7	951.5
0.0	0.0	67.5°	1638.1	711.2
		70°	1077.0	545.0
		72.5°	701.6	444.1
		75°	472.0	368.0
		77.5°	275.7	244.6
		80°	97.6	85.8
		82.5°	18.2	12.9
		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: P1049305

CATALOG NUMBER: GALN-SA7A-927-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: SP1-2407-184-13

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-927-U-5WQ

Data in this report applies to families of products including GSS-SB1A-927-U-5WQ

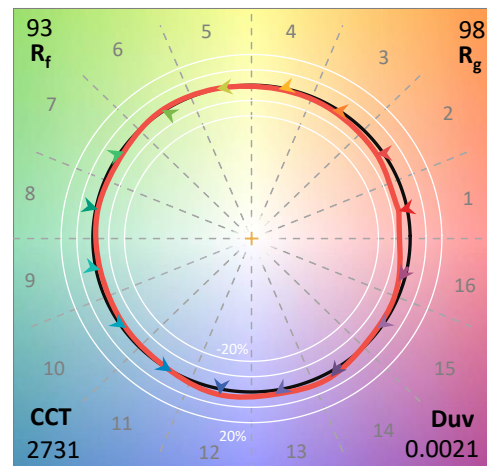
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-13
 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-927-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2731
 CIE u' : 0.2605
 CIE v' : 0.5298
 Duv: 0.0021
 CIE x: 0.4610
 CIE y: 0.4166
 CIE z: 0.1224
 Peak Wavelength (nm): 622
 Dominant Wavelength (nm): 583
 Purity: 63.43685
 R_f: 92.6
 R_g: 98

CRI (Ra): 91.8
 R1: 91.4
 R2: 95.1
 R3: 97.6
 R4: 92.3
 R5: 91.1
 R6: 94.7
 R7: 92.3
 R8: 80.0
 R9: 54.7
 R10: 87.7
 R11: 92.9
 R12: 84.0
 R13: 92.2
 R14: 97.8
 R15: 86.8



Test Conditions

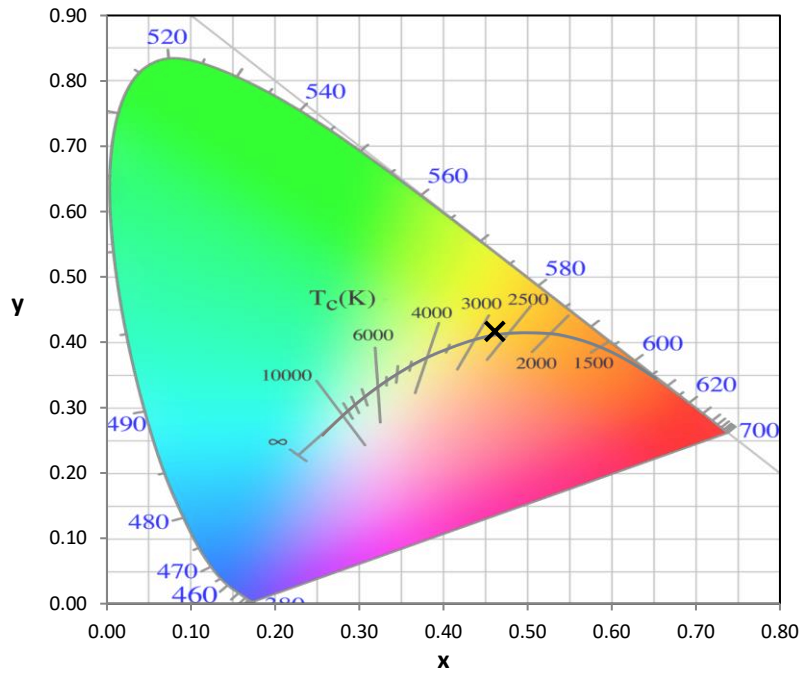
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-13

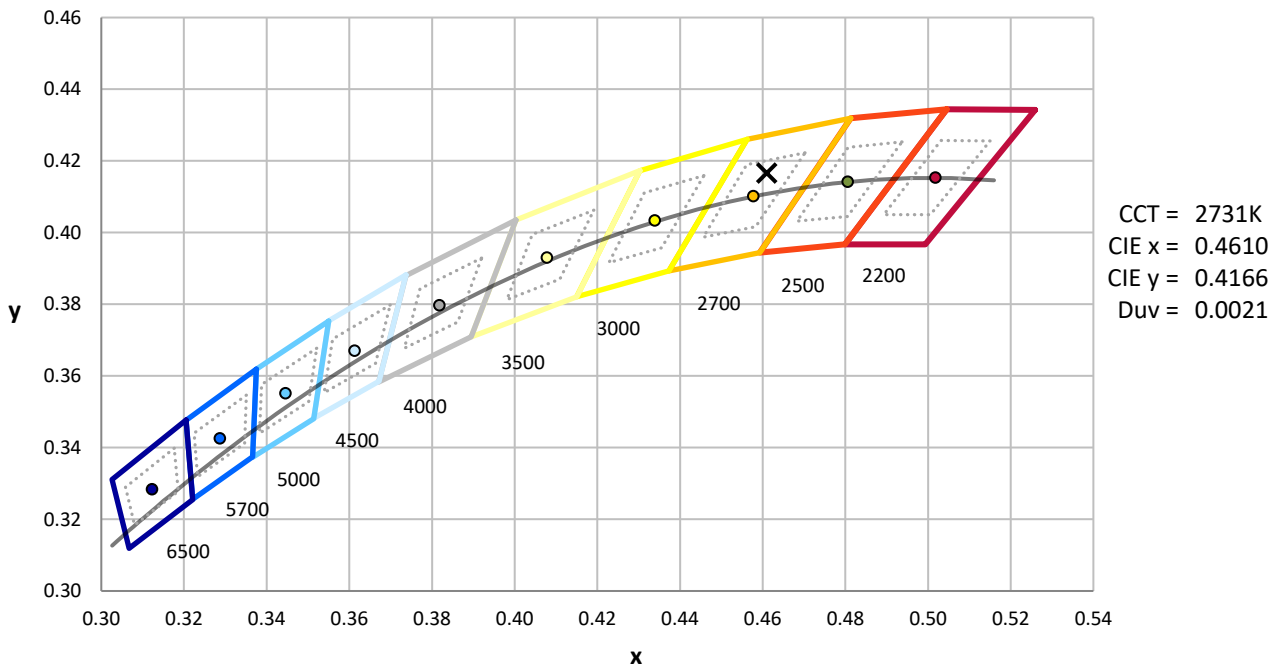
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



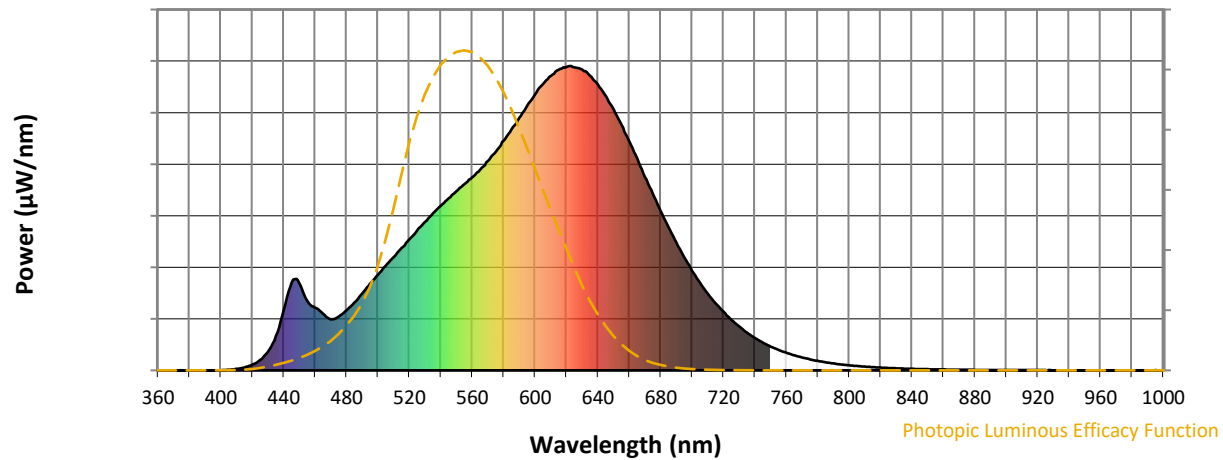
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-13

Photopic Flux vs. Wavelength

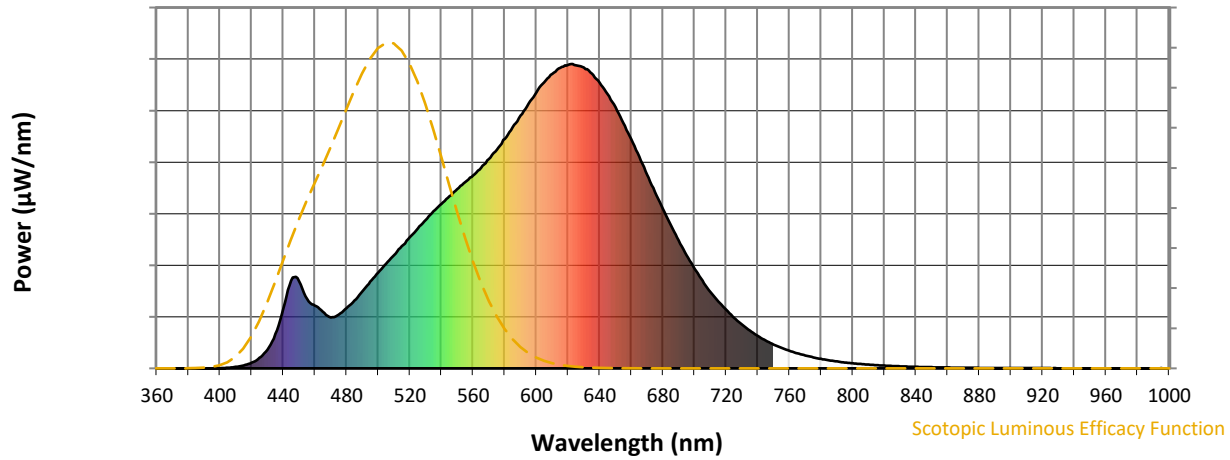


Photopic Lumens: NR

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-13

Scotopic Flux vs. Wavelength



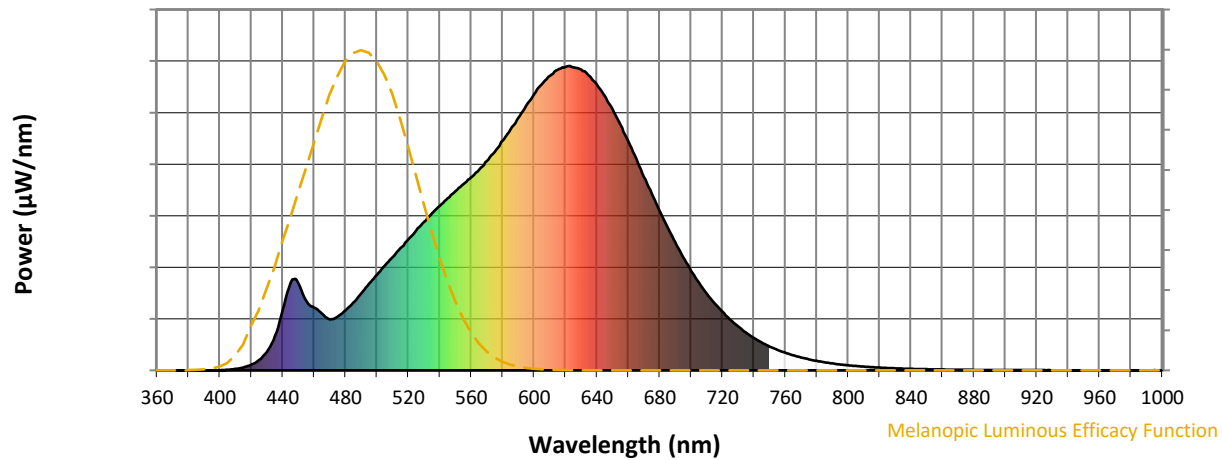
Scotopic Lumens: NR

S/P: 1.27

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.38

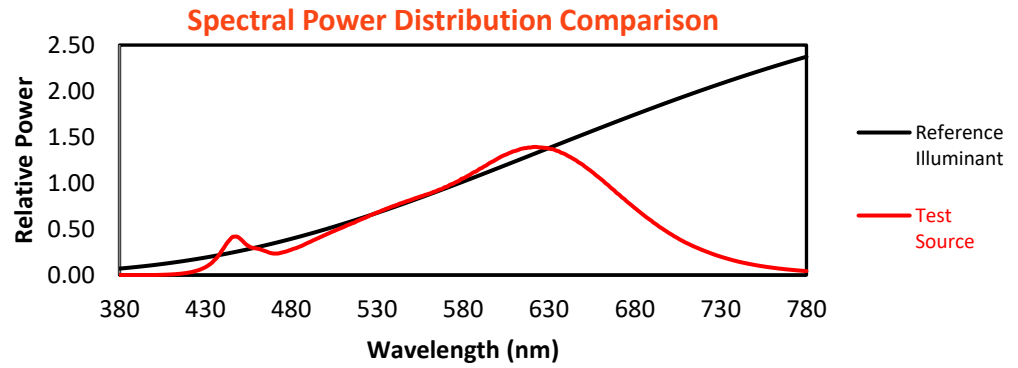
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-13

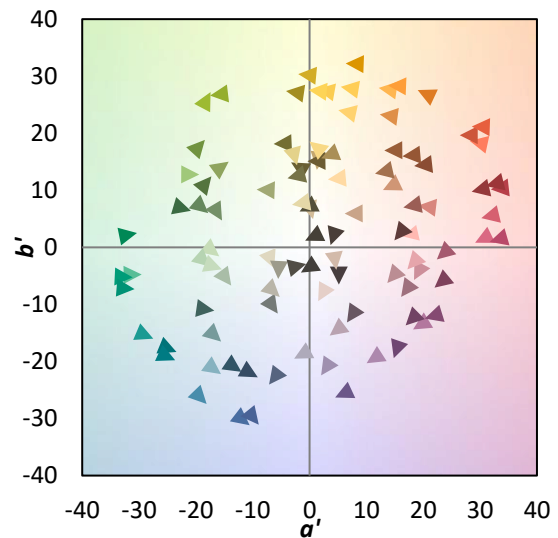
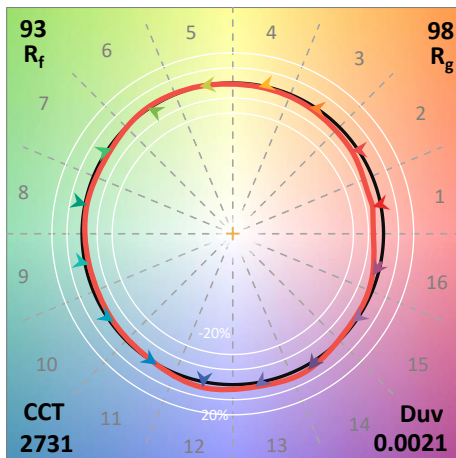
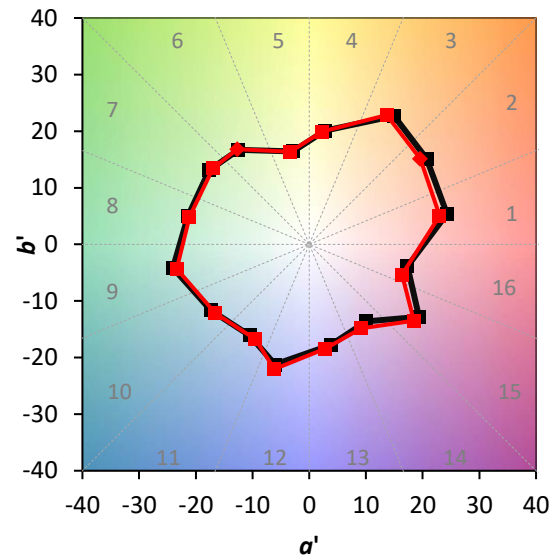
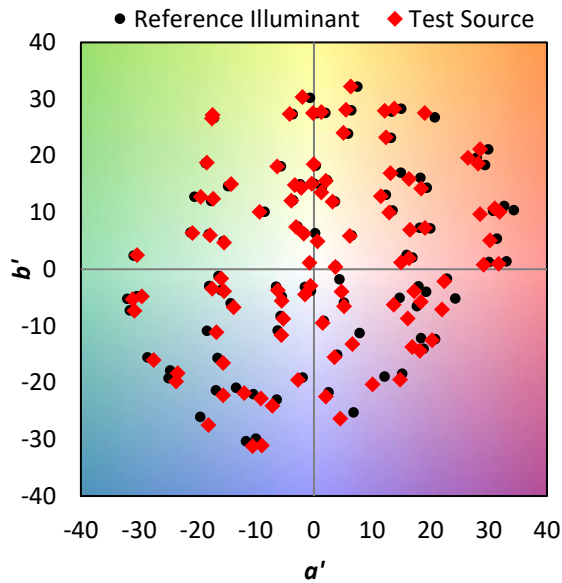
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98$
 $CIE R_a = 91.8$
 $R_9 = 54.7$

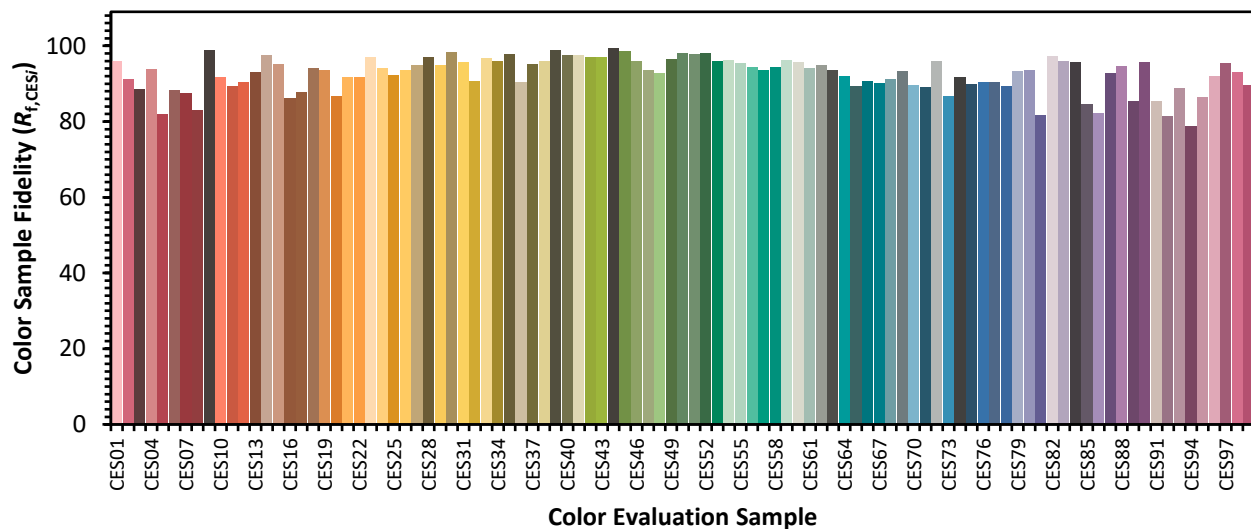


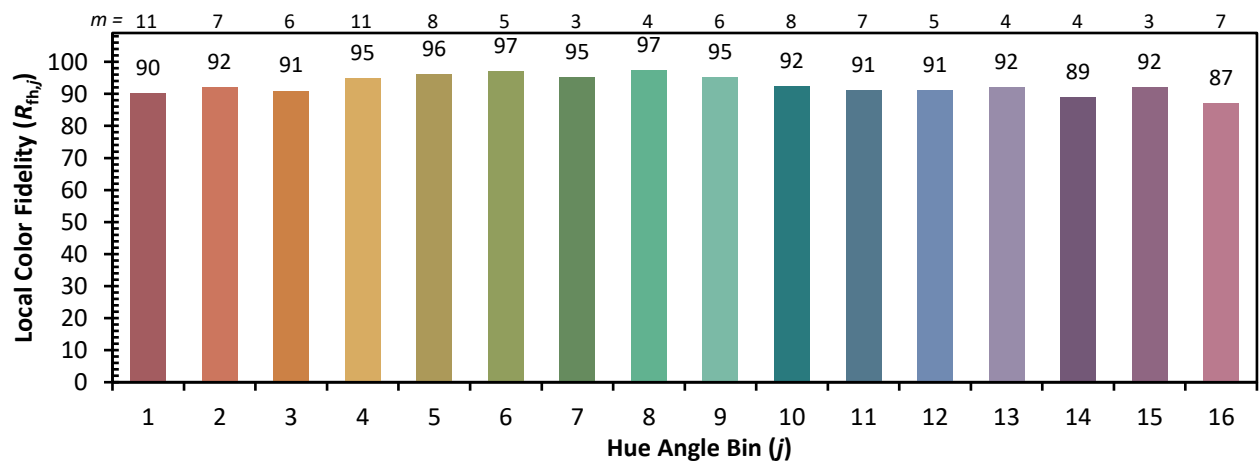
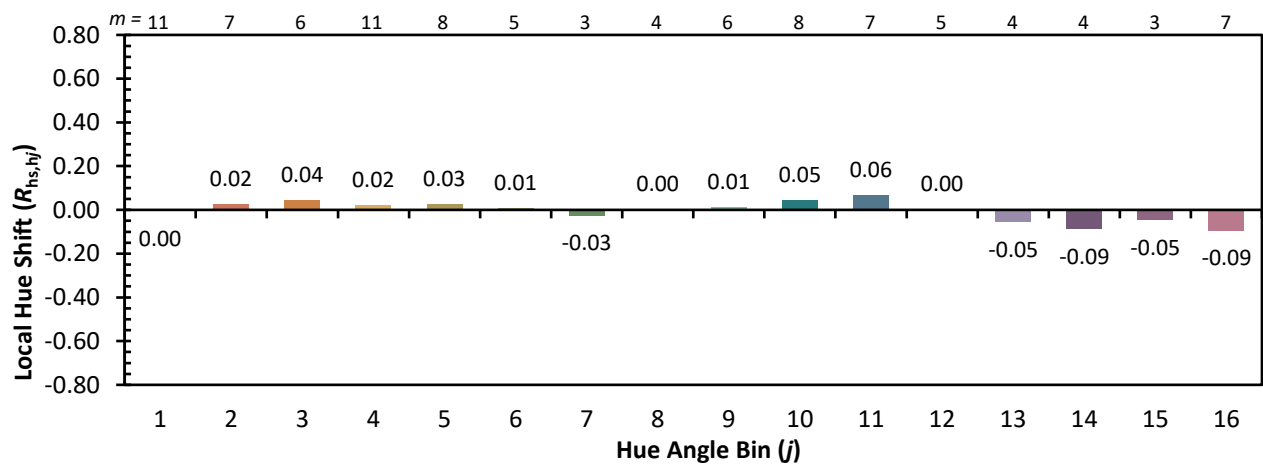
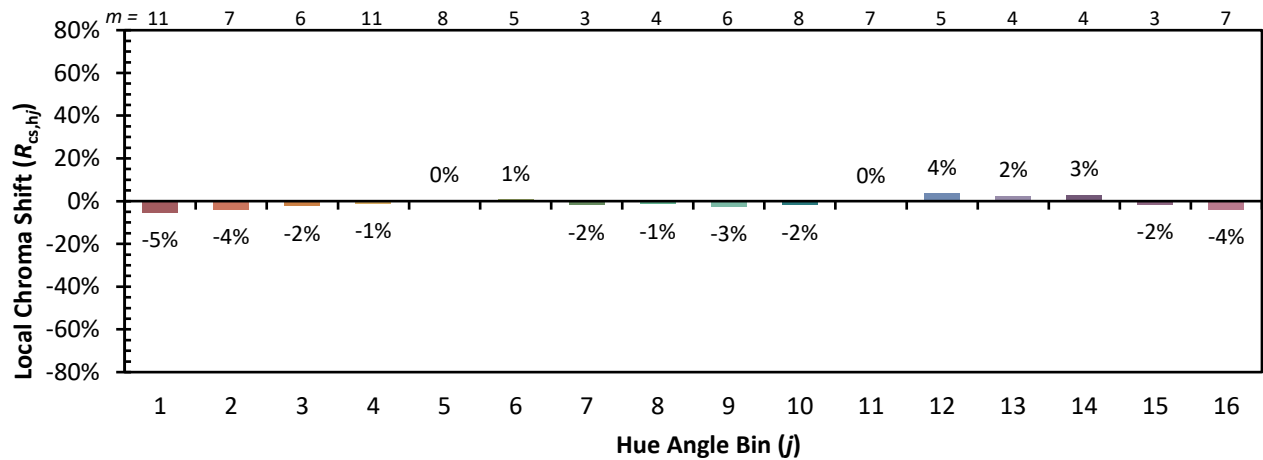
Color Vector Graphics



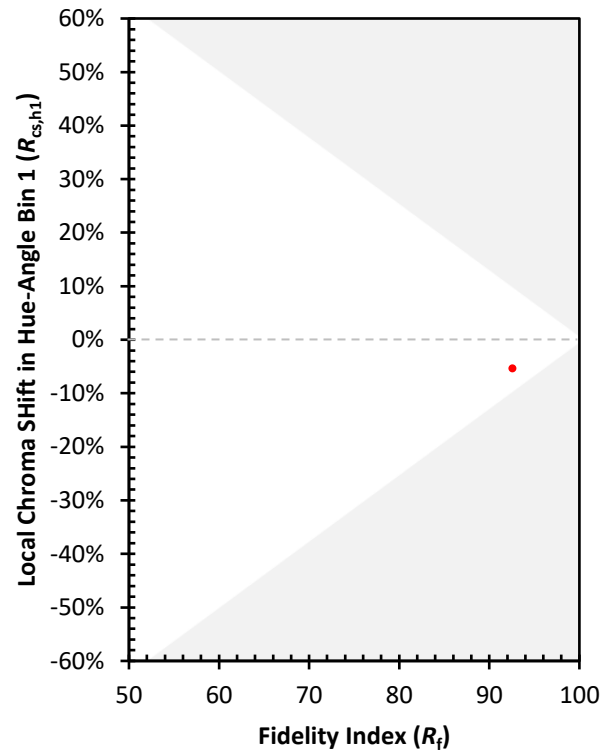
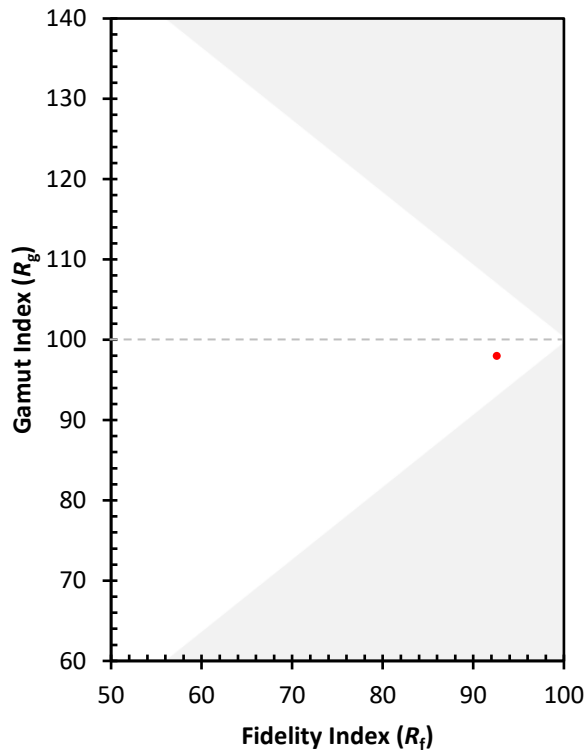
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 43	CES33 = 97	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 96	CES59 = 96	CES84 = 96
CES10 = 77	CES35 = 98	CES60 = 96	CES85 = 85
CES11 = 59	CES36 = 90	CES61 = 94	CES86 = 82
CES12 = 66	CES37 = 95	CES62 = 95	CES87 = 93
CES13 = 44	CES38 = 96	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 91	CES91 = 85
CES17 = 50	CES42 = 97	CES67 = 90	CES92 = 82
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 79
CES20 = 68	CES45 = 99	CES70 = 90	CES95 = 87
CES21 = 87	CES46 = 96	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 94	CES72 = 96	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 87	CES98 = 93
CES24 = 91	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 72	CES50 = 98	CES75 = 90	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)