

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: P1049293

Luminaire Tested: **GALN-SA4A-927-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049293
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4A-927-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE
90CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8307.6 lumens
Efficiency: N/A
Efficacy: 77.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

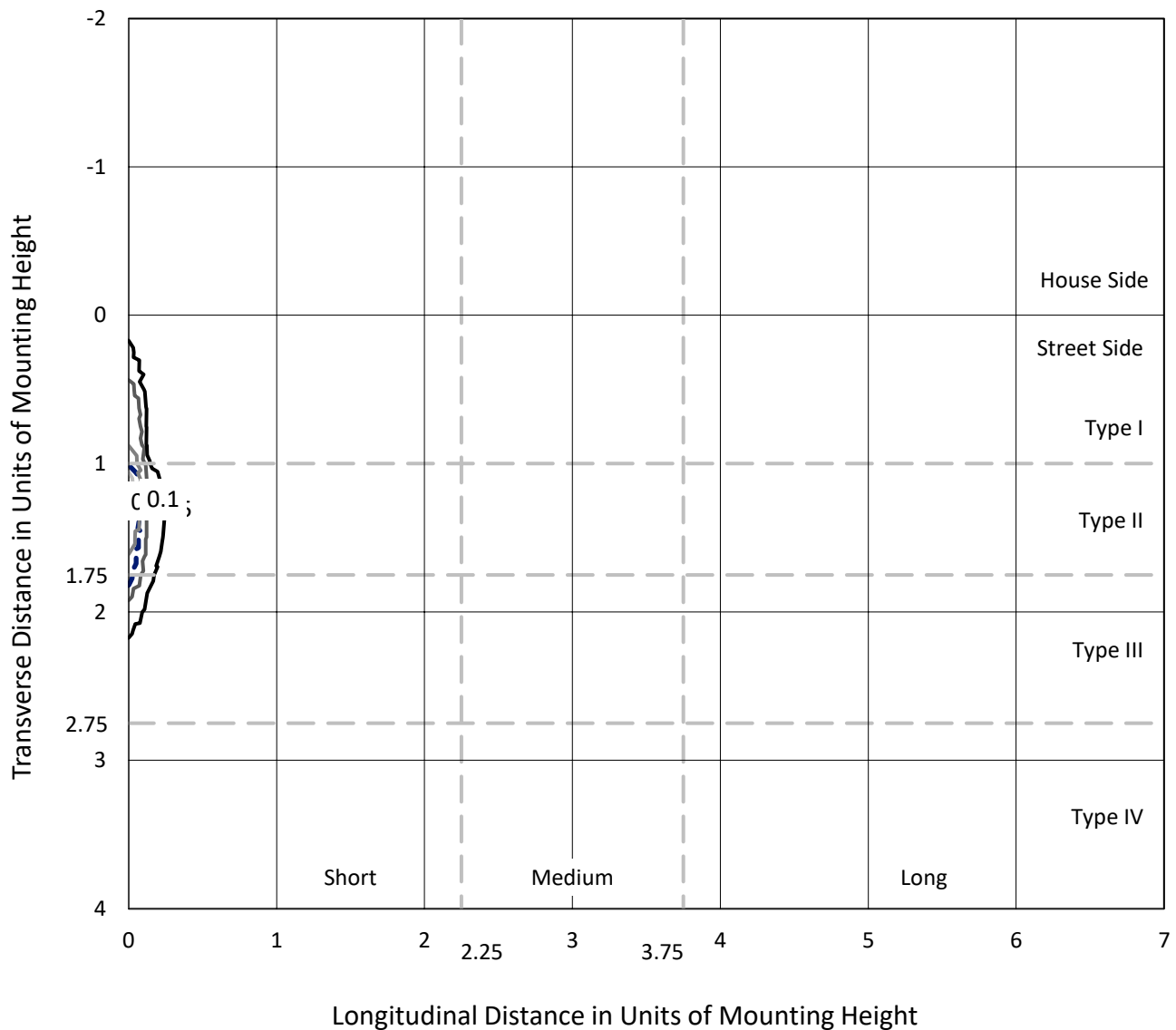
Input Watts (W): 107.4
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

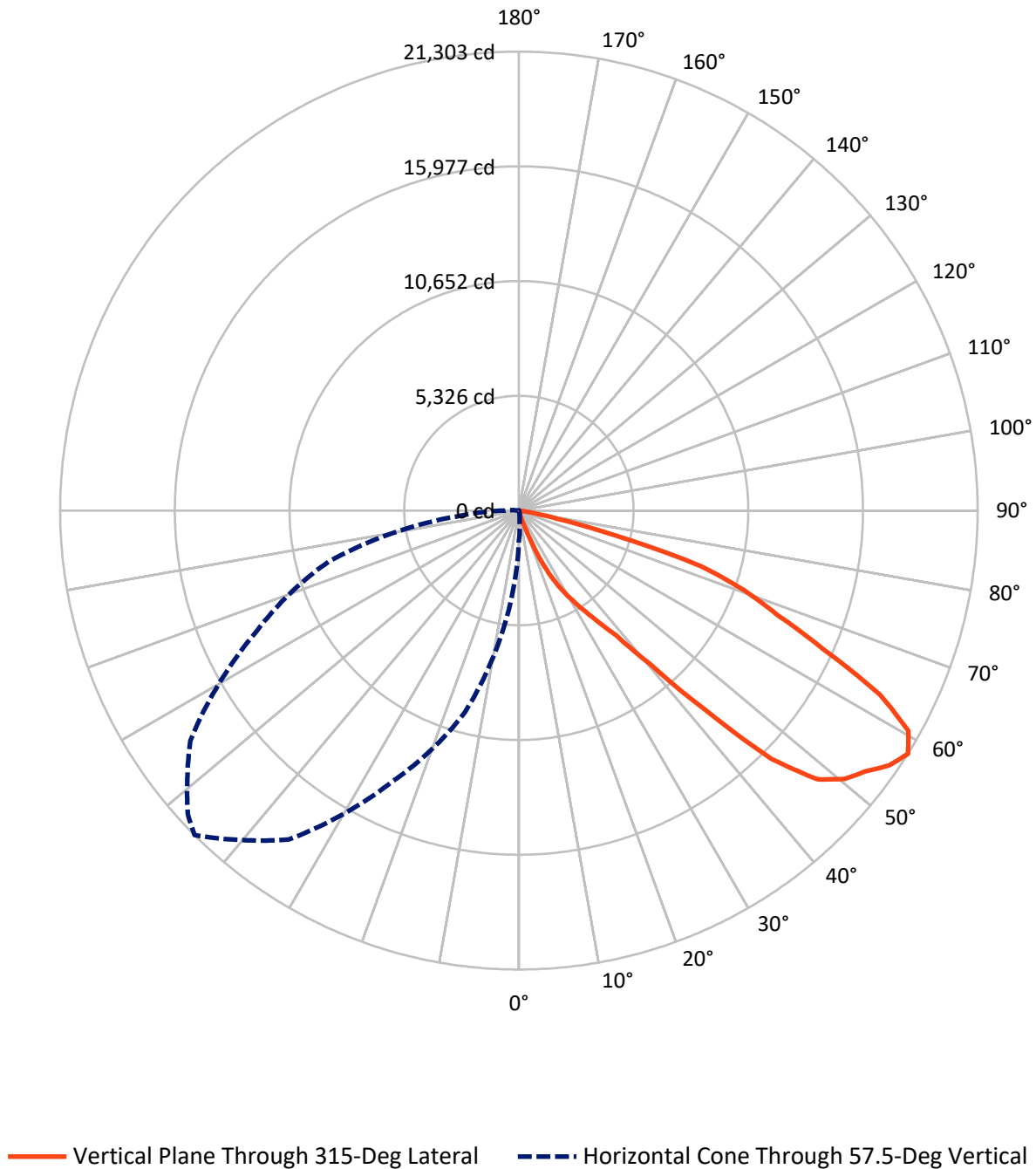
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.2 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	41.6	0.0	41.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	8266.0	0.0	8266.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	8307.6	0.0	8307.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.3	0.0
10°-20°	18.3	0.2
20°-30°	196.9	2.4
30°-40°	582.2	7.0
40°-50°	1735.1	20.9
50°-60°	2751.3	33.1
60°-70°	2296.7	27.6
70°-80°	708.2	8.5
80°-90°	15.8	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°	8307.6	100.0
0°-180°	8307.6	100.0



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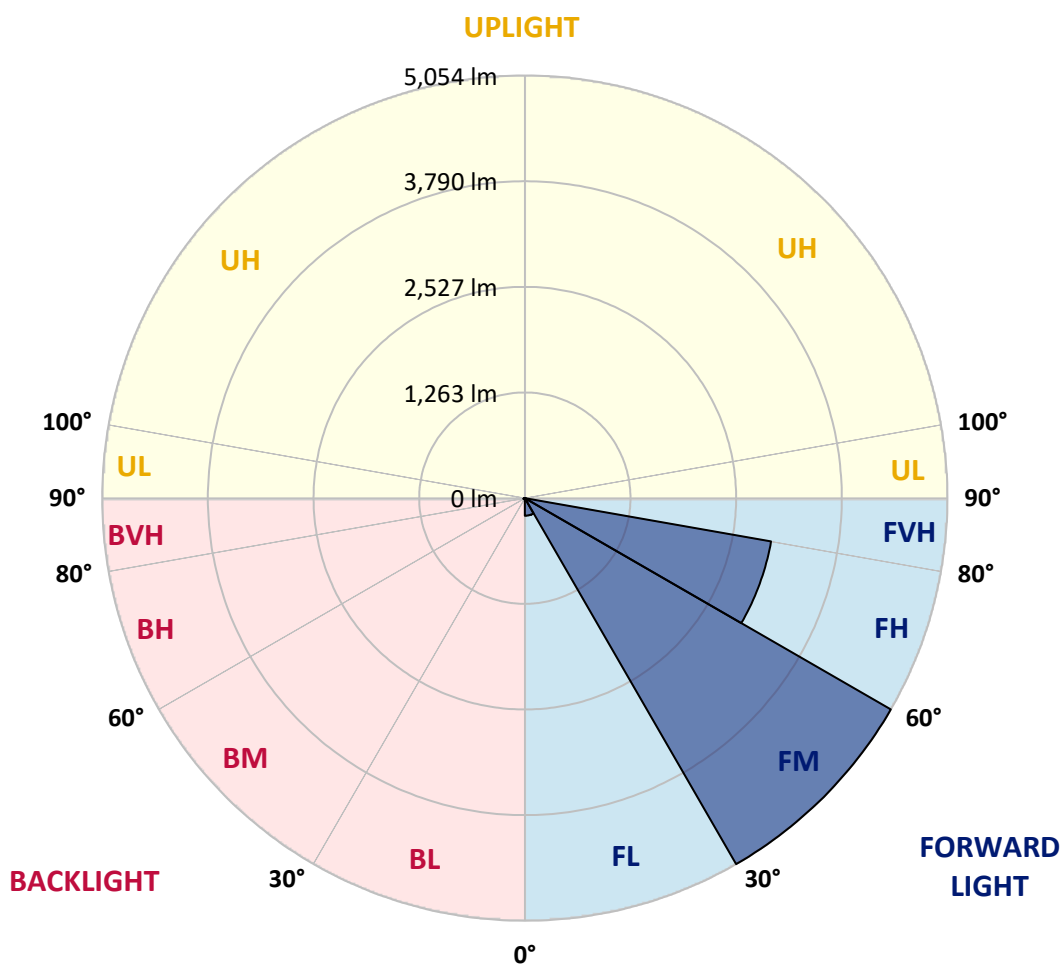
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	210.7	2.5			
FM	(30°-60°)	5053.7	60.8			
FH	(60°-80°)	2989.3	36.0			G2/5000
FVH	(80°-90°)	12.2	0.1			G1/100
BL	(0°-30°)	7.6	0.1	B0/110		
BM	(30°-60°)	14.9	0.2	B0/220		
BH	(60°-80°)	15.5	0.2	B0/110		G0/110
BVH	(80°-90°)	3.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
2.5°	33.3	33.3	33.3	33.3	32.6	32.6	32.0	32.0	31.4	31.4
5°	35.2	35.2	34.5	33.9	33.9	33.3	32.6	32.0	32.0	31.4
7.5°	38.3	37.7	37.0	36.4	35.2	34.5	33.3	32.6	32.0	30.8
10°	42.1	40.8	39.6	38.3	37.0	35.8	34.5	33.9	32.6	32.0
12.5°	47.1	45.2	42.7	40.8	39.6	37.7	36.4	35.2	33.3	32.0
15°	51.5	49.0	45.8	43.3	41.4	38.9	37.0	35.2	33.9	32.0
17.5°	57.8	53.4	48.3	45.2	42.7	39.6	36.4	34.5	32.6	30.1
20°	68.4	59.6	50.2	46.5	42.7	38.9	35.2	32.6	30.8	28.3
22.5°	85.4	70.3	55.2	49.6	44.6	38.9	33.9	31.4	28.9	26.4
25°	118.0	91.0	64.0	56.5	49.0	41.4	33.9	30.8	28.3	25.1
27.5°	156.9	116.8	76.0	65.3	55.2	44.6	33.9	30.1	27.0	23.2
30°	196.5	143.1	89.1	75.3	61.5	47.7	33.9	29.5	25.7	21.3
32.5°	234.2	167.6	100.4	84.1	67.8	50.9	34.5	29.5	24.5	19.5
35°	272.5	187.7	102.3	85.4	68.4	50.9	33.9	28.3	23.2	17.6
37.5°	321.4	210.3	98.6	81.6	65.3	48.3	32.0	27.0	22.0	16.3
40°	395.5	248.0	100.4	82.9	65.3	47.7	30.1	25.1	20.7	15.7
42.5°	532.4	320.8	108.6	88.5	68.4	47.7	27.6	23.2	19.5	15.1
45°	920.4	533.0	145.6	115.5	85.4	55.2	25.1	21.3	18.2	14.4
47.5°	1522.4	892.1	261.8	202.2	143.1	83.5	24.5	21.3	18.2	14.4
50°	1943.0	1136.3	329.6	253.6	177.7	101.7	25.7	22.0	18.8	15.1
52.5°	1939.9	1153.9	367.3	281.9	197.1	111.7	27.0	23.2	20.1	16.3
55°	1724.6	1049.7	374.2	287.5	201.5	114.9	28.9	25.1	21.3	17.6
57.5°	1441.4	891.5	341.5	264.3	187.7	110.5	33.3	28.9	25.1	20.7
60°	1140.1	703.1	266.2	210.3	155.1	99.2	43.9	38.3	33.3	27.6
62.5°	787.3	509.8	232.3	186.5	141.3	95.4	50.2	44.6	39.6	33.9
65°	556.9	383.6	209.7	170.8	132.5	93.5	54.6	48.3	42.7	36.4
67.5°	416.2	305.1	193.4	160.1	126.8	93.5	60.3	52.7	45.8	38.3
70°	318.9	250.5	181.4	154.4	128.1	101.1	74.1	63.4	53.4	42.7
72.5°	259.9	214.1	167.6	148.2	128.7	109.2	89.8	76.0	62.2	47.7
75°	215.3	183.3	151.3	135.0	119.3	103.0	86.6	74.1	62.2	49.6
77.5°	143.1	130.6	117.4	108.0	98.6	88.5	79.1	68.4	58.4	47.7
80°	50.2	48.3	46.5	50.2	54.0	57.8	61.5	54.0	47.1	39.6
82.5°	7.5	6.9	6.3	6.9	7.5	8.2	8.8	9.4	10.0	10.7
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°	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
0.0	2.5°	30.8	30.8	30.1	30.1	30.1	29.5	29.5	28.9	28.9	28.9
0.0	5°	30.1	30.1	29.5	28.9	28.3	28.3	27.6	27.0	27.0	26.4
0.0	7.5°	29.5	28.9	28.3	27.6	27.0	26.4	25.7	25.1	25.1	24.5
0.0	10°	30.1	28.9	28.3	27.0	26.4	25.7	24.5	23.9	23.2	23.2
0.0	12.5°	28.9	28.3	27.0	25.7	25.1	23.9	23.2	22.0	21.3	21.3
0.0	15°	28.9	27.6	25.7	24.5	23.2	22.6	21.3	20.1	19.5	18.8
0.0	17.5°	27.0	25.7	23.9	22.6	21.3	20.1	18.8	17.6	17.0	16.3
0.0	20°	24.5	23.2	21.3	19.5	18.2	17.0	15.7	14.4	13.8	13.2
0.0	22.5°	22.0	20.7	18.8	17.0	15.7	14.4	12.6	11.3	10.7	9.4
0.0	25°	20.7	18.8	17.0	15.1	13.2	11.9	10.0	8.2	6.9	5.7
0.0	27.5°	17.6	15.7	13.8	11.9	10.0	8.2	6.3	4.4	3.1	2.5
0.0	30°	15.1	13.2	11.3	9.4	6.9	5.0	3.1	0.6	0.6	0.6
0.0	32.5°	12.6	10.7	8.2	6.3	5.0	3.1	1.9	0.0	0.0	0.0
0.0	35°	10.0	8.2	5.7	3.8	3.1	1.9	1.3	0.0	0.0	0.0
0.0	37.5°	8.8	6.9	4.4	1.9	1.3	1.3	0.6	0.0	0.0	0.0
0.0	40°	8.2	5.7	3.1	0.6	0.6	0.6	0.0	0.0	0.0	0.0
0.0	42.5°	8.2	5.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	8.2	5.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	8.2	5.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	8.8	6.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	10.0	7.5	5.0	2.5	1.9	1.3	0.6	0.0	0.0	0.0
0.0	55°	12.6	11.3	9.4	8.2	6.3	4.4	1.9	0.0	0.0	0.0
0.0	57.5°	16.3	16.3	15.7	15.1	11.3	7.5	3.8	0.0	0.0	0.0
0.0	60°	22.0	22.0	22.0	22.0	16.3	11.3	5.7	0.0	0.0	0.0
0.0	62.5°	27.0	25.7	23.9	22.6	17.0	11.3	5.7	0.0	0.0	0.0
0.0	65°	27.0	24.5	21.3	18.2	13.8	9.4	4.4	0.0	0.0	0.0
0.0	67.5°	25.1	20.1	14.4	9.4	6.9	5.0	2.5	0.0	0.0	0.0
	70°	25.1	17.6	10.0	2.5	1.9	1.3	0.6	0.0	0.0	0.0
	72.5°	25.1	17.0	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	27.6	18.8	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	27.6	18.8	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	24.5	16.3	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	8.2	5.7	2.5	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):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
0.0	2.5°	28.3	28.3	28.3	27.6	27.6	27.6	27.6	27.0	27.0	27.0
0.0	5°	25.7	25.7	25.1	25.1	24.5	24.5	23.9	23.9	23.2	23.2
0.0	7.5°	23.9	23.2	23.2	22.6	22.0	22.0	21.3	21.3	20.7	20.1
0.0	10°	22.0	21.3	21.3	20.7	20.1	19.5	19.5	18.8	18.2	17.6
0.0	12.5°	20.1	19.5	18.8	18.2	17.6	17.0	17.0	16.3	15.7	15.1
0.0	15°	17.6	17.0	16.3	15.7	15.1	14.4	14.4	13.8	13.2	12.6
0.0	17.5°	15.1	14.4	14.4	13.8	13.2	12.6	11.9	10.7	10.0	9.4
0.0	20°	11.3	10.7	10.0	9.4	8.8	7.5	6.9	5.7	4.4	3.8
0.0	22.5°	7.5	6.3	5.7	4.4	3.1	2.5	1.9	0.6	0.0	0.0
0.0	25°	2.5	1.9	1.3	0.6	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: P1049293

CATALOG NUMBER: GALN-SA4A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049293

CATALOG NUMBER: GALN-SA4A-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°	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
0.0	2.5°	26.4	26.4	26.4	25.7	25.7	25.7	25.7	25.7	25.7	25.7
0.0	5°	22.6	22.6	22.6	22.0	22.0	21.3	21.3	21.3	20.7	20.7
0.0	7.5°	19.5	18.8	18.8	18.2	18.2	17.6	17.6	17.6	17.0	17.0
0.0	10°	16.3	15.7	15.7	15.1	15.1	14.4	14.4	13.8	13.8	13.2
0.0	12.5°	14.4	13.8	13.2	12.6	12.6	11.9	11.3	11.3	10.7	10.0
0.0	15°	11.3	10.7	10.0	9.4	8.8	8.2	7.5	7.5	6.9	6.3
0.0	17.5°	7.5	6.3	5.7	5.0	5.0	4.4	3.8	3.1	2.5	1.9
0.0	20°	1.9	1.3	0.6	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
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049293

CATALOG NUMBER: GALN-SA4A-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°	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
0.0	2.5°	25.7	25.1	25.1	25.1	25.7	25.7	25.7	25.7	25.7	25.7
0.0	5°	20.7	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
0.0	7.5°	17.0	16.3	16.3	16.3	16.3	15.7	15.7	15.7	15.7	15.7
0.0	10°	13.2	12.6	12.6	12.6	12.6	11.9	11.9	11.9	11.9	11.9
0.0	12.5°	9.4	9.4	8.8	8.8	8.8	8.2	8.2	8.2	8.2	7.5
0.0	15°	5.7	5.0	4.4	4.4	4.4	3.8	3.8	3.8	3.8	3.1
0.0	17.5°	1.3	1.3	0.6	0.6	0.6	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):

[illegible]



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CATALOG NUMBER: GALN-SA4A-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°	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
0.0	2.5°	26.4	26.4	27.0	27.0	27.6	28.9	29.5	30.1	31.4	32.6
0.0	5°	20.7	21.3	21.3	22.0	22.6	23.2	23.9	24.5	25.7	27.0
0.0	7.5°	16.3	16.3	17.0	17.0	17.6	18.8	19.5	20.1	21.3	23.2
0.0	10°	12.6	12.6	13.2	13.2	13.8	15.1	15.7	16.3	17.6	19.5
0.0	12.5°	8.2	8.8	8.8	9.4	10.0	11.3	11.9	12.6	13.8	15.1
0.0	15°	3.8	4.4	4.4	5.0	5.7	6.9	7.5	8.2	9.4	11.3
0.0	17.5°	0.6	0.6	1.3	1.3	1.9	2.5	3.1	3.8	5.7	6.9
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.5
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
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
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]

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CATALOG NUMBER: GALN-SA4A-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°	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
0.0	2.5°	34.5	35.8	37.0	38.3	39.6	40.8	41.4	42.7	43.3	43.9
0.0	5°	29.5	30.8	32.6	33.9	35.2	36.4	37.7	38.3	38.9	39.6
0.0	7.5°	25.7	27.0	28.9	30.1	31.4	32.6	33.9	35.2	35.8	36.4
0.0	10°	22.0	23.9	25.1	27.0	28.3	29.5	30.8	32.0	33.3	33.9
0.0	12.5°	17.6	19.5	21.3	22.6	24.5	26.4	27.6	28.9	30.1	31.4
0.0	15°	13.8	15.7	17.6	18.8	20.7	22.6	24.5	25.7	27.0	28.3
0.0	17.5°	10.0	11.9	13.8	15.1	17.0	18.8	20.1	22.0	23.2	24.5
0.0	20°	5.0	6.9	8.8	10.7	12.6	14.4	15.7	17.6	18.8	20.1
0.0	22.5°	0.6	2.5	4.4	5.7	7.5	9.4	10.7	12.6	13.8	15.1
0.0	25°	0.0	0.6	1.9	2.5	3.1	4.4	5.7	6.9	8.2	9.4
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.6	1.3	2.5	3.8	5.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
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	0.6
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	1.3
	85°	0.0	0.0	0.0	0.0	0.0	1.3	1.9	3.1	3.8	4.4
	87.5°	0.0	0.6	1.3	1.9	2.5	3.8	5.0	6.3	6.9	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

REPORT NUMBER: P1049293

CATALOG NUMBER: GALN-SA4A-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
36.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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0.0											
0.0											
0.0											
0.6											
2.5											
5.7											
8.2											
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REPORT NUMBER: P1049293

CATALOG NUMBER: GALN-SA4A-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°	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
0.0	2.5°	44.6	44.6	44.6	44.6	43.9	43.9	43.9	43.3	43.3	42.7
0.0	5°	40.8	41.4	41.4	41.4	41.4	41.4	41.4	41.4	40.8	40.8
0.0	7.5°	37.7	38.3	38.9	38.9	39.6	39.6	39.6	38.9	38.9	38.3
0.0	10°	35.8	36.4	36.4	37.0	37.0	37.0	37.0	37.0	37.0	37.0
0.0	12.5°	33.3	33.9	34.5	34.5	35.2	35.2	35.2	35.2	34.5	34.5
0.0	15°	30.1	31.4	32.0	32.6	32.6	33.3	33.3	33.3	33.3	33.3
0.0	17.5°	27.6	28.9	29.5	30.1	30.1	30.8	30.8	31.4	31.4	31.4
0.0	20°	22.6	23.9	24.5	25.7	26.4	27.0	27.6	28.3	28.3	28.9
0.0	22.5°	17.6	18.8	19.5	20.7	21.3	22.0	22.6	23.2	23.9	24.5
0.0	25°	12.6	13.8	14.4	15.7	16.3	17.0	17.6	18.2	18.2	18.8
0.0	27.5°	6.9	8.2	9.4	10.0	11.3	11.9	12.6	13.2	13.8	14.4
0.0	30°	3.1	3.8	4.4	5.7	6.3	6.9	7.5	8.8	9.4	10.0
0.0	32.5°	0.0	0.0	0.6	1.9	2.5	3.1	3.8	4.4	4.4	5.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.3	1.9	2.5
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	1.3	1.3	1.3	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	82.5°	3.1	3.8	4.4	4.4	5.0	5.0	5.0	5.0	4.4	4.4
	85°	6.3	6.9	7.5	7.5	8.2	8.2	8.2	8.2	8.2	8.2
	87.5°	8.8	9.4	10.0	10.0	10.7	10.7	10.7	10.7	10.7	10.7
	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: P1049293

CATALOG NUMBER: GALN-SA4A-927-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
36.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	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											
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1.9											
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REPORT NUMBER: P1049293

CATALOG NUMBER: GALN-SA4A-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°	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
0.0	2.5°	42.1	42.1	41.4	41.4	41.4	41.4	41.4	42.1	42.7	42.7
0.0	5°	40.2	40.2	39.6	39.6	39.6	40.2	40.2	40.8	41.4	42.1
0.0	7.5°	38.3	37.7	37.7	38.3	38.3	38.9	38.9	39.6	40.2	40.8
0.0	10°	37.0	36.4	36.4	36.4	37.0	37.0	37.7	38.3	38.9	39.6
0.0	12.5°	34.5	34.5	34.5	34.5	35.2	35.2	35.8	36.4	37.7	38.3
0.0	15°	33.3	32.6	32.6	32.6	32.6	33.3	33.3	34.5	35.8	36.4
0.0	17.5°	30.8	30.8	30.1	30.1	30.8	30.8	31.4	32.6	33.9	34.5
0.0	20°	28.3	27.6	27.0	27.0	27.6	27.6	28.3	29.5	30.8	31.4
0.0	22.5°	24.5	23.9	23.9	23.9	23.9	24.5	24.5	25.7	27.6	28.9
0.0	25°	19.5	20.1	20.1	20.7	20.7	21.3	22.0	23.2	25.1	26.4
0.0	27.5°	15.1	15.7	15.7	17.0	17.6	18.2	18.8	20.7	22.6	23.9
0.0	30°	11.3	11.9	12.6	13.2	14.4	15.7	17.0	18.8	20.7	22.0
0.0	32.5°	6.9	8.2	8.8	10.0	11.3	12.6	13.8	15.7	18.2	20.1
0.0	35°	5.0	5.7	6.9	7.5	8.8	10.0	11.3	13.8	15.7	18.2
0.0	37.5°	2.5	3.8	5.0	6.3	7.5	8.8	10.0	12.6	15.1	17.0
0.0	40°	1.9	3.1	3.8	5.0	6.9	8.2	9.4	11.9	14.4	17.0
0.0	42.5°	1.3	1.9	2.5	4.4	5.7	7.5	9.4	11.9	14.4	17.0
0.0	45°	1.3	1.3	1.9	3.8	5.7	8.2	10.0	12.6	14.4	17.0
0.0	47.5°	1.3	1.9	2.5	5.0	6.3	8.2	10.0	11.9	14.4	16.3
0.0	50°	1.9	2.5	3.1	5.7	6.9	8.8	10.0	12.6	14.4	17.0
0.0	52.5°	1.3	1.9	2.5	5.0	6.9	9.4	11.3	13.8	16.3	18.2
0.0	55°	0.6	0.6	0.6	3.8	7.5	10.7	14.4	16.3	18.8	20.7
0.0	57.5°	0.0	0.0	0.0	2.5	7.5	11.9	16.3	18.8	21.3	23.2
0.0	60°	0.0	0.0	0.0	2.5	7.5	11.9	16.3	19.5	22.6	25.7
0.0	62.5°	0.0	0.0	0.0	2.5	6.3	10.0	13.8	18.8	24.5	29.5
0.0	65°	0.0	0.0	0.0	1.9	5.0	8.2	11.3	18.8	26.4	33.3
0.0	67.5°	0.0	0.0	0.0	1.9	5.0	7.5	10.7	18.8	26.4	34.5
	70°	0.0	0.0	0.0	1.9	5.0	8.2	11.3	18.8	26.4	33.9
	72.5°	0.0	0.0	0.0	1.9	5.7	8.8	12.6	18.8	25.1	31.4
	75°	0.0	0.0	0.0	2.5	5.7	9.4	13.2	18.8	24.5	29.5
	77.5°	0.0	0.0	0.0	1.9	5.7	8.8	12.6	18.2	23.9	28.9
	80°	1.9	1.3	1.3	3.1	5.7	8.2	10.7	16.3	22.6	28.3
	82.5°	3.8	3.8	3.1	4.4	5.7	7.5	9.4	14.4	20.1	25.1
	85°	7.5	7.5	6.9	7.5	7.5	8.2	8.8	11.3	13.8	16.3
	87.5°	10.0	10.0	9.4	9.4	9.4	8.8	8.8	8.8	8.8	8.2
	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: P1049293

CATALOG NUMBER: GALN-SA4A-927-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
36.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.6	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
23.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.4											
37.7											
35.2											
34.5											
33.9											
30.1											
18.8											
8.2											
0.0											
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REPORT NUMBER: P1049293

CATALOG NUMBER: GALN-SA4A-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°	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
0.0	2.5°	43.9	44.6	44.6	45.2	45.8	46.5	46.5	47.1	47.1	47.1
0.0	5°	43.3	44.6	45.2	45.8	46.5	47.1	47.7	48.3	49.0	49.0
0.0	7.5°	42.7	43.3	44.6	45.2	46.5	47.1	48.3	49.0	49.6	50.2
0.0	10°	41.4	42.7	43.9	45.2	46.5	47.7	49.0	50.2	51.5	52.1
0.0	12.5°	40.2	42.1	43.3	44.6	46.5	48.3	49.6	51.5	52.7	54.0
0.0	15°	39.6	40.8	42.7	43.9	46.5	49.0	50.9	53.4	55.9	57.8
0.0	17.5°	37.7	40.2	42.1	43.9	46.5	49.6	52.1	54.6	58.4	62.2
0.0	20°	35.2	37.0	39.6	41.4	45.2	48.3	52.1	55.2	60.9	66.5
0.0	22.5°	32.6	35.2	37.0	39.6	43.9	47.7	52.1	55.9	65.3	74.1
0.0	25°	30.1	33.3	35.8	38.3	43.3	48.3	53.4	58.4	74.1	89.8
0.0	27.5°	28.9	31.4	34.5	37.0	43.3	50.2	56.5	62.8	87.9	112.4
0.0	30°	27.0	30.1	32.6	35.8	43.9	52.1	60.3	68.4	106.7	145.0
0.0	32.5°	25.1	28.3	31.4	34.5	45.2	55.9	65.9	76.6	126.8	176.4
0.0	35°	23.2	27.0	30.1	33.3	47.1	61.5	75.3	89.1	145.0	200.3
0.0	37.5°	22.6	26.4	29.5	32.6	47.7	62.2	77.2	91.7	146.9	202.2
0.0	40°	23.2	26.4	30.1	33.3	45.8	58.4	70.3	82.9	140.6	197.8
0.0	42.5°	23.2	27.0	30.8	34.5	44.6	54.6	64.7	74.7	138.7	202.8
0.0	45°	22.6	26.4	30.1	33.9	43.3	52.1	61.5	70.3	150.0	229.1
0.0	47.5°	22.0	25.7	29.5	33.3	42.7	52.1	61.5	70.9	194.0	316.4
0.0	50°	22.0	25.7	28.9	32.0	43.3	55.2	66.5	77.8	282.5	486.5
0.0	52.5°	23.2	26.4	28.9	31.4	44.6	58.4	71.6	84.8	359.1	632.8
0.0	55°	25.1	27.0	29.5	31.4	47.7	63.4	79.7	95.4	382.3	669.2
0.0	57.5°	27.6	29.5	31.4	33.3	53.4	73.5	92.9	113.0	384.2	654.8
0.0	60°	30.8	33.3	35.2	37.0	58.4	80.4	101.7	123.0	347.8	571.9
0.0	62.5°	37.7	40.8	43.3	46.5	67.2	87.3	108.0	128.1	288.8	449.5
0.0	65°	43.3	45.8	48.3	50.9	70.9	91.7	111.7	131.8	244.8	357.8
0.0	67.5°	44.6	47.1	49.0	51.5	72.2	92.9	113.0	133.7	209.7	285.0
	70°	45.2	48.3	52.1	55.2	76.6	97.9	118.7	140.0	185.8	231.7
	72.5°	43.3	49.6	55.2	60.9	81.0	100.4	120.5	140.0	172.6	205.3
	75°	43.3	52.1	60.3	68.4	83.5	97.9	113.0	127.4	152.6	177.7
	77.5°	45.8	57.1	68.4	79.7	88.5	96.7	105.5	113.6	130.0	146.3
	80°	45.8	57.8	69.1	81.0	84.8	89.1	92.9	96.7	98.6	100.4
	82.5°	39.6	49.0	58.4	67.8	63.4	59.0	54.6	50.2	47.1	43.3
	85°	20.1	22.0	23.2	24.5	22.6	20.7	18.8	17.0	15.7	13.8
	87.5°	8.2	8.2	7.5	7.5	7.5	7.5	6.9	6.9	6.9	6.9
	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: P1049293

CATALOG NUMBER: GALN-SA4A-927-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
36.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
251.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
314.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
357.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
389.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
421.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
484.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
609.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
929.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1423.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1791.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1832.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1653.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1413.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1104.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
835.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
616.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
436.3											
324.6											
236.1											
177.7											
99.8											
45.2											
13.2											
6.3											
0.0											
0.0											
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REPORT NUMBER: P1049293

CATALOG NUMBER: GALN-SA4A-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°	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
0.0	2.5°	47.1	46.5	46.5	45.8	45.2	44.6	43.9	43.3	42.7	42.1
0.0	5°	49.0	49.0	49.0	48.3	48.3	47.7	47.7	47.1	46.5	45.8
0.0	7.5°	50.9	51.5	51.5	52.1	52.1	52.1	52.1	51.5	51.5	51.5
0.0	10°	54.0	54.6	55.2	55.9	56.5	57.1	57.1	57.8	57.8	57.8
0.0	12.5°	57.8	59.6	60.9	62.8	64.0	65.9	67.2	69.1	70.3	71.6
0.0	15°	63.4	66.5	70.3	73.5	76.6	81.0	86.0	90.4	94.8	101.7
0.0	17.5°	71.6	81.6	91.7	101.1	111.1	133.1	155.1	176.4	198.4	230.4
0.0	20°	87.3	117.4	146.9	177.0	206.5	283.8	360.4	437.6	514.2	596.4
0.0	22.5°	122.4	196.5	270.6	344.7	418.7	580.1	740.8	902.1	1062.9	1251.8
0.0	25°	177.7	313.9	450.1	585.7	722.0	974.3	1227.3	1479.7	1732.1	1977.6
0.0	27.5°	258.7	467.1	675.5	883.3	1091.7	1433.9	1776.7	2118.8	2461.0	2738.5
0.0	30°	358.5	641.0	923.5	1206.0	1488.5	1877.7	2267.0	2655.6	3044.8	3348.0
0.0	32.5°	452.6	798.6	1144.5	1489.8	1835.7	2278.9	2722.8	3166.0	3609.2	3940.7
0.0	35°	514.2	932.3	1351.0	1769.1	2187.2	2666.9	3146.5	3625.5	4105.2	4483.7
0.0	37.5°	575.7	1058.5	1540.6	2023.4	2505.5	3032.3	3559.0	4085.7	4612.4	5080.1
0.0	40°	644.7	1211.0	1776.7	2342.9	2908.6	3532.6	4156.0	4780.1	5403.5	6063.3
0.0	42.5°	764.7	1464.0	2164.0	2863.4	3562.8	4388.3	5213.9	6038.8	6864.3	7806.0
0.0	45°	990.0	1975.7	2962.0	3947.6	4933.2	6026.9	7121.1	8214.7	9308.4	10561.4
0.0	47.5°	1541.9	2897.9	4253.3	5609.4	6964.8	8145.7	9325.9	10506.8	11687.1	12935.2
0.0	50°	2359.3	3937.6	5515.8	7093.5	8671.8	9740.3	10808.2	11876.7	12944.6	14131.7
0.0	52.5°	2950.7	4594.9	6239.7	7883.9	9528.1	10492.4	11457.3	12421.6	13385.9	14495.2
0.0	55°	2995.2	4630.0	6265.4	7900.2	9535.0	10503.7	11472.4	12441.1	13409.8	14585.6
0.0	57.5°	2651.8	4273.4	5894.4	7516.0	9137.0	10240.0	11342.4	12445.5	13547.9	14819.2
0.0	60°	2255.7	3877.9	5499.5	7121.7	8743.3	10014.0	11285.3	12556.0	13826.6	15017.6
0.0	62.5°	1759.7	3428.4	5097.7	6766.4	8435.1	9725.2	11015.3	12304.8	13595.0	14488.3
0.0	65°	1311.5	2931.8	4552.2	6171.9	7792.2	8825.6	9858.9	10891.7	11925.0	12478.1
0.0	67.5°	948.0	2345.5	3742.3	5139.8	6536.6	7276.2	8015.7	8754.6	9494.2	9917.3
	70°	641.0	1609.0	2576.5	3544.5	4512.0	5119.7	5728.0	6335.7	6943.4	7514.7
	72.5°	443.9	987.5	1531.8	2075.5	2619.2	3230.6	3841.5	4453.0	5063.8	5668.4
	75°	294.4	541.8	789.8	1037.1	1284.5	1737.1	2190.4	2643.0	3095.7	3456.0
	77.5°	209.1	283.1	357.8	431.9	506.0	590.8	676.1	760.9	845.6	974.3
	80°	99.2	108.6	118.0	126.8	136.2	167.0	197.8	228.5	259.3	291.9
	82.5°	47.1	50.9	54.6	57.8	61.5	64.7	67.8	70.9	74.1	70.9
	85°	12.6	12.6	13.2	13.2	13.2	13.2	13.2	13.2	13.2	12.6
	87.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.0	5.0	4.4
	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°
36.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
261.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
679.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1440.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2223.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3015.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3651.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4272.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4862.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5548.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6723.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8747.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11814.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14183.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15318.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15604.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15762.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16090.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16207.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15382.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13031.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10341.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8085.4											
6273.0											
3816.4											
1103.0											
324.6											
67.2											
11.9											
4.4											
0.0											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA4A-927-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
0.0	2.5°	40.8	40.2	39.6	38.9	38.3	37.0	37.0	36.4	36.4
0.0	5°	44.6	43.9	43.3	42.7	42.7	42.1	41.4	41.4	40.8
0.0	7.5°	50.9	50.2	49.6	49.0	49.0	48.3	48.3	47.7	47.7
0.0	10°	58.4	58.4	58.4	58.4	58.4	57.8	57.8	57.8	57.1
0.0	12.5°	73.5	74.1	75.3	76.6	78.5	78.5	78.5	77.8	77.8
0.0	15°	116.1	123.0	128.1	133.1	137.5	147.5	146.3	144.4	143.1
0.0	17.5°	293.8	325.2	342.2	358.5	375.4	421.9	414.3	406.8	399.9
0.0	20°	761.5	843.8	898.4	953.0	1008.2	1095.5	1074.2	1052.8	1031.5
0.0	22.5°	1629.1	1818.1	1900.3	1982.6	2064.2	2169.7	2101.2	2032.8	1965.0
0.0	25°	2467.9	2713.3	2852.1	2990.8	3128.9	3189.2	3100.1	3010.3	2921.1
0.0	27.5°	3293.4	3570.9	3693.3	3815.1	3937.6	4063.7	3953.2	3842.1	3731.6
0.0	30°	3955.1	4258.4	4390.8	4522.7	4655.1	4743.0	4628.8	4513.9	4399.6
0.0	32.5°	4604.3	4935.7	5080.8	5225.8	5370.2	5496.4	5355.7	5214.5	5073.9
0.0	35°	5240.2	5618.8	5818.4	6018.1	6217.7	6335.1	6168.1	6000.5	5833.5
0.0	37.5°	6016.2	6483.9	6707.4	6930.9	7154.4	7368.5	7184.5	7000.0	6816.0
0.0	40°	7382.9	8042.7	8385.5	8728.9	9071.7	9347.9	9115.6	8883.3	8651.1
0.0	42.5°	9689.4	10631.1	11124.0	11616.2	12109.0	12540.3	12296.1	12051.8	11807.6
0.0	45°	13067.6	14320.7	14921.5	15521.7	16122.5	16437.6	16086.1	15733.9	15382.3
0.0	47.5°	15430.7	16678.7	17213.6	17748.5	18283.4	18643.1	18213.1	17783.0	17353.6
0.0	50°	16505.4	17692.6	18229.4	18765.5	19302.3	19587.9	19091.3	18594.1	18097.5
0.0	52.5°	16713.2	17822.6	18462.9	19103.9	19744.3	20126.0	19539.6	18952.6	18366.2
0.0	55°	16938.0	18113.9	18856.5	19599.9	20342.5	20871.2	20208.2	19544.6	18881.7
0.0	57.5°	17361.1	18632.4	19373.2	20113.4	20854.2	21303.1	20638.2	19972.8	19307.9
0.0	60°	17398.8	18589.1	19225.7	19862.9	20499.5	20782.0	20146.0	19509.5	18873.5
0.0	62.5°	16275.7	17169.0	17611.0	18053.0	18494.9	18801.9	18138.3	17474.1	16810.6
0.0	65°	13584.9	14138.0	14490.2	14842.4	15194.6	15560.6	14952.9	14345.2	13737.5
0.0	67.5°	10764.2	11187.4	11651.3	12115.3	12579.2	12970.3	12483.8	11996.6	11510.1
	70°	8656.7	9227.4	9749.1	10270.8	10792.5	11112.7	10624.2	10135.2	9646.7
	72.5°	6877.5	7482.1	7917.8	8352.9	8788.5	8867.0	8507.9	8148.8	7790.3
	75°	4176.1	4536.5	4545.3	4553.4	4562.2	4636.9	4339.3	4041.8	3744.8
	77.5°	1231.7	1360.4	1466.5	1572.0	1678.1	1806.2	1696.9	1587.1	1477.8
	80°	356.6	389.2	416.9	443.9	471.5	455.2	429.4	403.7	377.9
	82.5°	64.0	60.3	59.6	59.0	59.0	55.9	50.9	45.8	40.8
	85°	11.3	10.7	10.0	9.4	8.8	8.2	6.9	6.3	5.0
	87.5°	3.8	3.1	2.5	1.9	1.9	0.6	0.6	0.6	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: P1049293

CATALOG NUMBER: GALN-SA4A-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°	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
0.0	0.0	2.5°	35.8	35.2	35.2	35.2	35.2	34.5	34.5	34.5	34.5
0.0	0.0	5°	39.6	39.6	38.9	38.9	38.3	38.3	37.7	37.7	37.0
0.0	0.0	7.5°	46.5	45.8	45.2	44.6	43.9	42.7	42.1	41.4	41.4
0.0	0.0	10°	55.9	54.6	54.0	52.7	52.1	50.9	49.6	48.3	47.1
0.0	0.0	12.5°	73.5	70.9	69.1	66.5	64.0	62.2	59.6	57.8	55.2
0.0	0.0	15°	127.4	121.2	114.3	106.1	97.3	89.1	80.4	75.3	69.7
0.0	0.0	17.5°	325.8	293.2	259.9	232.9	205.9	179.6	152.6	133.1	113.6
0.0	0.0	20°	829.3	738.9	648.5	559.4	469.6	380.4	290.7	245.5	200.3
0.0	0.0	22.5°	1560.7	1393.1	1224.8	1062.2	899.0	736.4	573.8	471.5	369.8
0.0	0.0	25°	2408.9	2197.9	1987.0	1719.5	1451.5	1184.0	916.6	750.2	583.9
0.0	0.0	27.5°	3134.6	2891.6	2648.7	2323.5	1998.3	1673.1	1347.9	1099.9	852.5
0.0	0.0	30°	3763.0	3501.9	3240.7	2862.1	2483.6	2105.0	1726.4	1416.3	1106.2
0.0	0.0	32.5°	4308.0	3995.3	3682.7	3292.2	2901.7	2511.2	2120.7	1740.3	1359.8
0.0	0.0	35°	4936.4	4571.6	4206.2	3773.1	3339.3	2906.1	2472.9	2043.5	1613.4
0.0	0.0	37.5°	5734.9	5287.3	4839.1	4356.3	3873.5	3391.4	2908.6	2417.7	1926.7
0.0	0.0	40°	7263.6	6686.1	6108.5	5495.1	4881.1	4267.8	3654.4	3051.7	2449.0
0.0	0.0	42.5°	10002.7	9222.4	8442.0	7625.9	6809.1	5993.0	5176.2	4326.2	3475.5
0.0	0.0	45°	13094.0	12125.9	11157.2	10241.3	9324.7	8408.7	7492.8	6326.3	5159.9
0.0	0.0	47.5°	14832.4	13787.1	12741.8	11874.8	11007.8	10140.8	9273.8	8016.4	6758.9
0.0	0.0	50°	15472.1	14408.0	13343.9	12545.9	11747.4	10949.4	10150.9	8891.5	7631.5
0.0	0.0	52.5°	15608.3	14522.9	13437.4	12634.4	11831.5	11029.2	10226.2	8975.0	7723.8
0.0	0.0	55°	15888.3	14723.8	13558.6	12643.2	11727.9	10812.6	9897.2	8625.9	7354.7
0.0	0.0	57.5°	16254.3	15060.3	13866.2	12823.4	11780.6	10738.5	9695.7	8305.8	6915.8
0.0	0.0	60°	16158.3	15119.3	14079.6	12962.8	11845.3	10728.4	9611.0	8082.3	6553.0
0.0	0.0	62.5°	14490.8	13663.4	12835.3	11916.9	10997.8	10079.3	9160.8	7586.9	6013.1
0.0	0.0	65°	11921.3	11317.3	10713.4	9974.5	9234.9	8496.0	7757.1	6345.8	4935.1
0.0	0.0	67.5°	9661.8	8981.3	8300.1	7711.2	7121.7	6532.9	5943.4	4832.8	3722.2
		70°	7676.1	6935.9	6195.1	5620.0	5044.4	4469.3	3894.2	3155.9	2418.3
		72.5°	6095.9	5428.6	4761.2	4147.9	3533.9	2920.5	2306.5	1870.2	1433.9
		75°	2913.6	2646.8	2380.0	2059.2	1738.4	1417.6	1096.8	906.5	716.9
		77.5°	1079.8	936.0	791.7	661.1	530.5	400.5	270.0	247.4	224.8
		80°	279.4	243.6	207.2	181.4	155.1	129.3	103.6	93.5	84.1
		82.5°	32.0	29.5	27.6	26.4	24.5	23.2	21.3	19.5	17.6
		85°	1.9	1.3	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-SA4A-927-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049293

CATALOG NUMBER: GALN-SA4A-927-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	36.4	36.4
0.0	0.0	2.5°	33.9	33.3
0.0	0.0	5°	35.8	35.2
0.0	0.0	7.5°	39.6	38.3
0.0	0.0	10°	43.3	42.1
0.0	0.0	12.5°	49.0	47.1
0.0	0.0	15°	55.2	51.5
0.0	0.0	17.5°	65.9	57.8
0.0	0.0	20°	89.1	68.4
0.0	0.0	22.5°	125.6	85.4
0.0	0.0	25°	184.6	118.0
0.0	0.0	27.5°	256.8	156.9
0.0	0.0	30°	341.5	196.5
0.0	0.0	32.5°	416.2	234.2
0.0	0.0	35°	513.5	272.5
0.0	0.0	37.5°	633.4	321.4
0.0	0.0	40°	819.3	395.5
0.0	0.0	42.5°	1153.9	532.4
0.0	0.0	45°	1874.0	920.4
0.0	0.0	47.5°	2883.5	1522.4
0.0	0.0	50°	3527.6	1943.0
0.0	0.0	52.5°	3580.3	1939.9
0.0	0.0	55°	3268.3	1724.6
0.0	0.0	57.5°	2788.7	1441.4
0.0	0.0	60°	2317.8	1140.1
0.0	0.0	62.5°	1826.3	787.3
0.0	0.0	65°	1334.7	556.9
0.0	0.0	67.5°	958.6	416.2
		70°	630.3	318.9
		72.5°	410.6	259.9
		75°	276.2	215.3
		77.5°	161.3	143.1
		80°	57.1	50.2
		82.5°	10.7	7.5
		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: P1049293

CATALOG NUMBER: GALN-SA4A-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

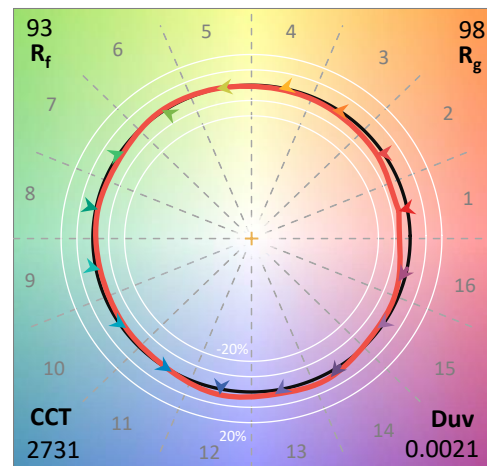
Test Information

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

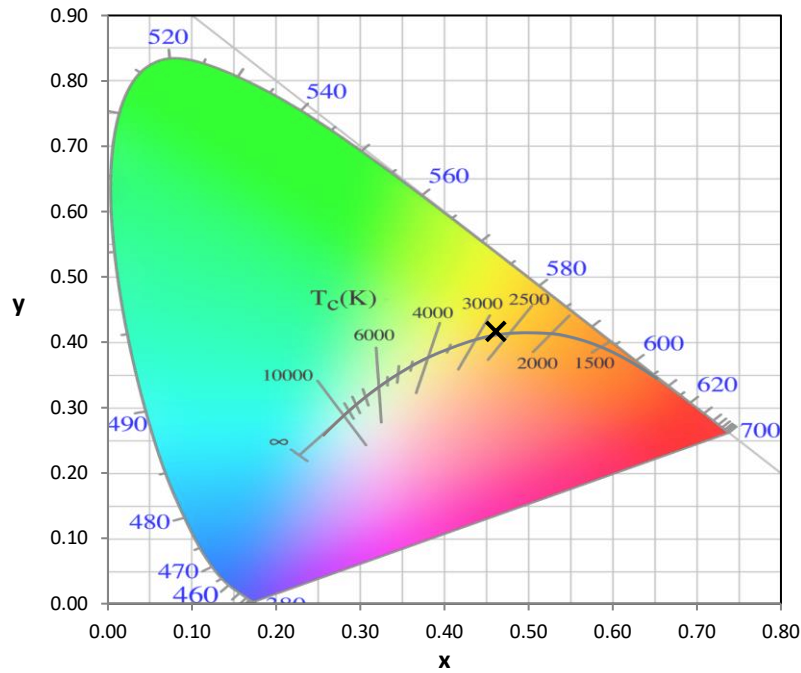
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-13

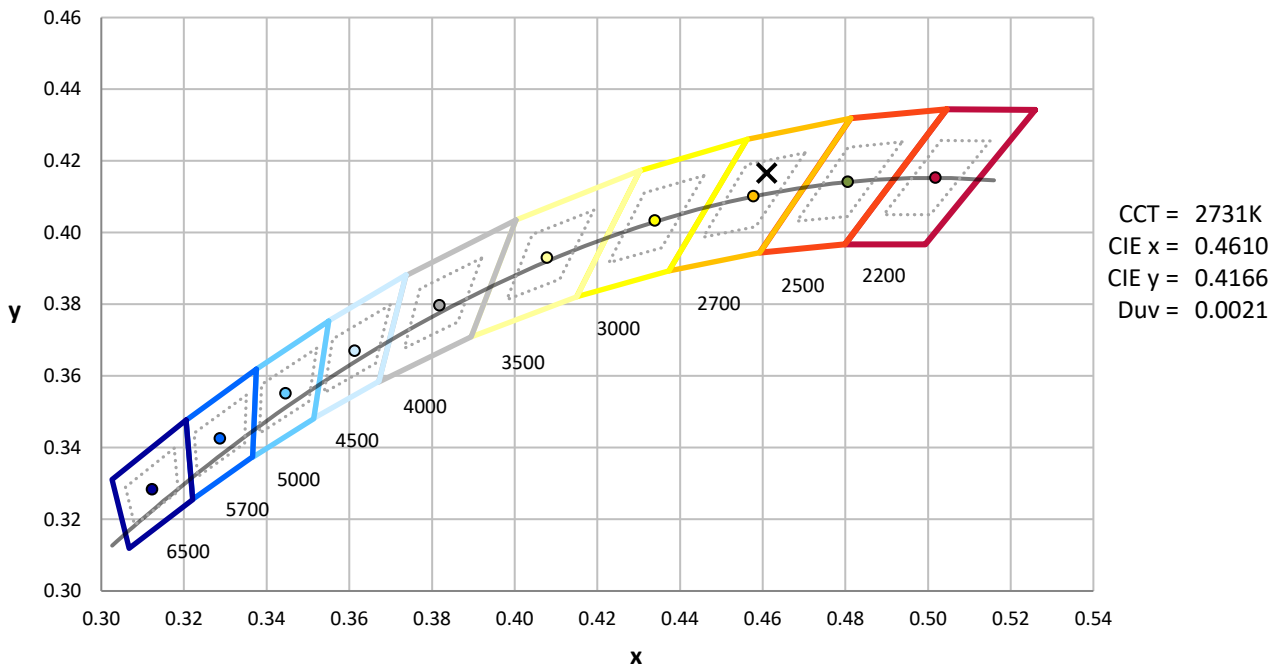
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



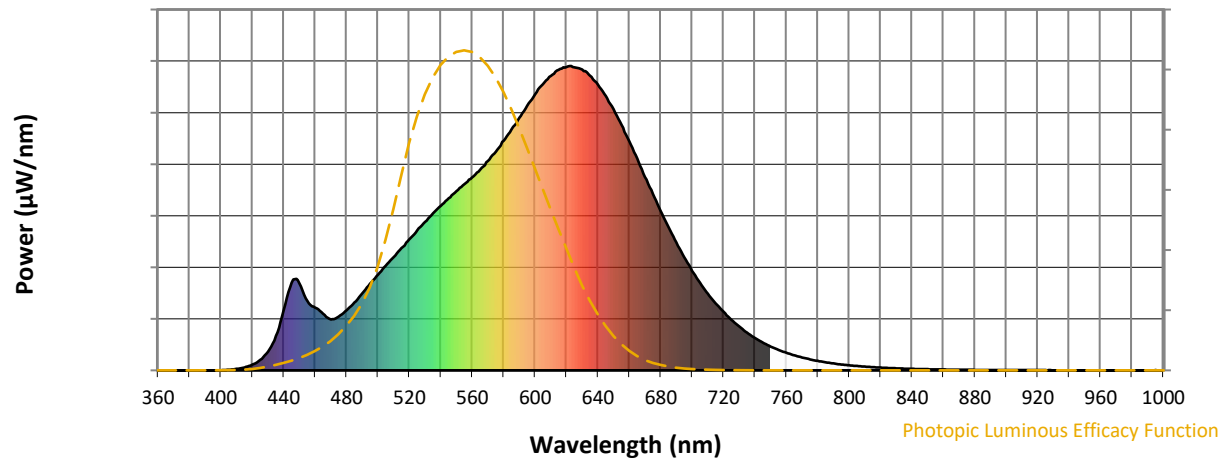
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-13

Photopic Flux vs. Wavelength

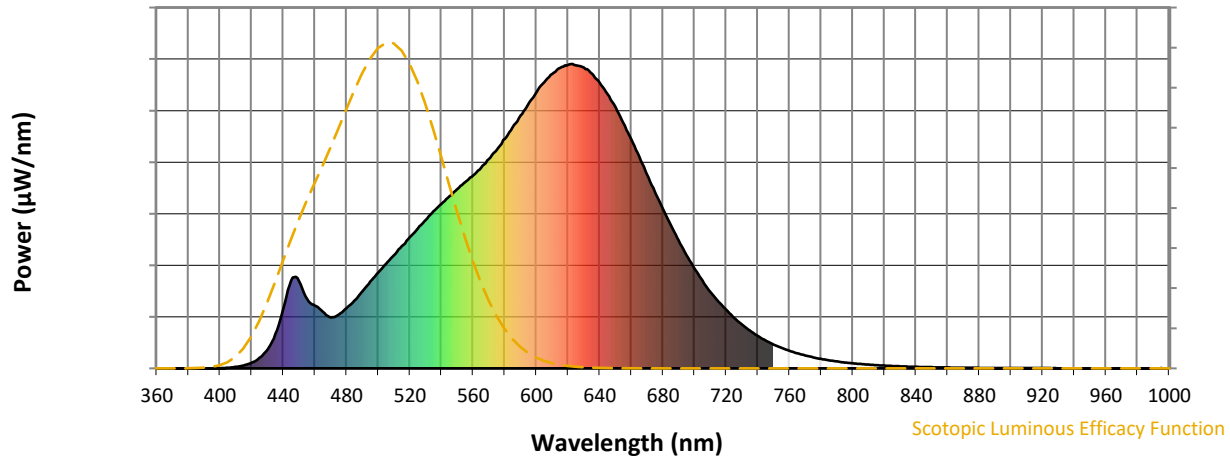


Photopic Lumens: NR

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



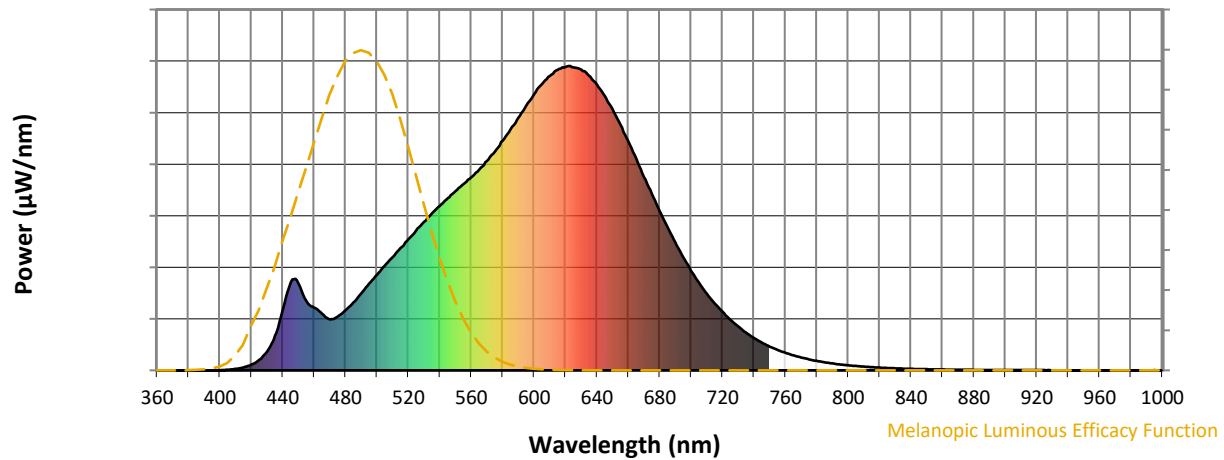
Scotopic Lumens: NR

S/P: 1.27

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.38

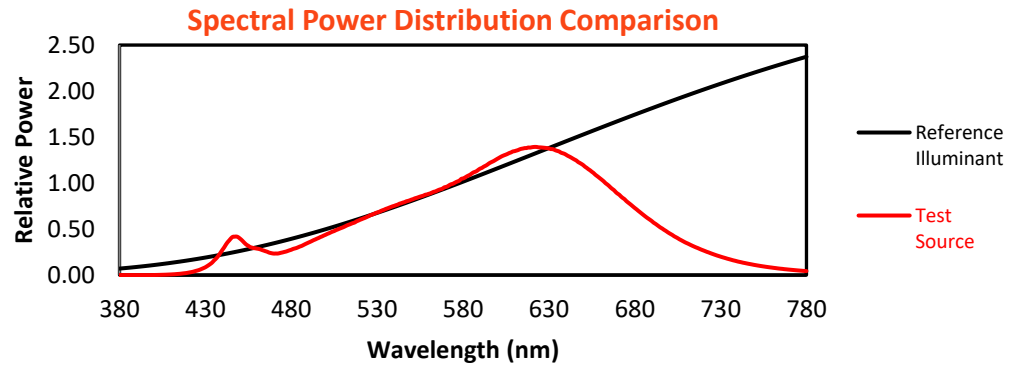
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	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

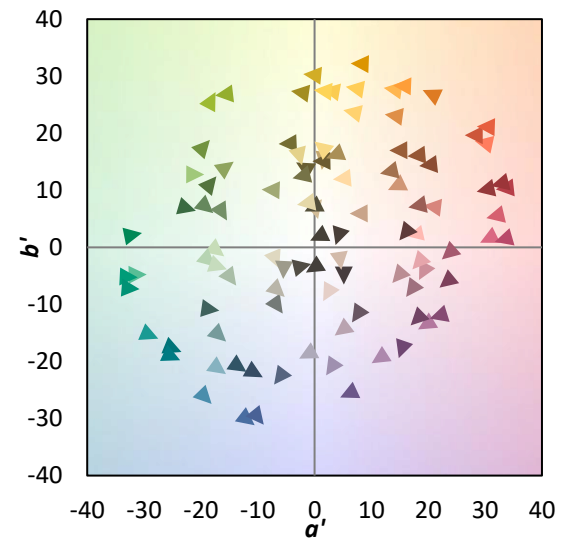
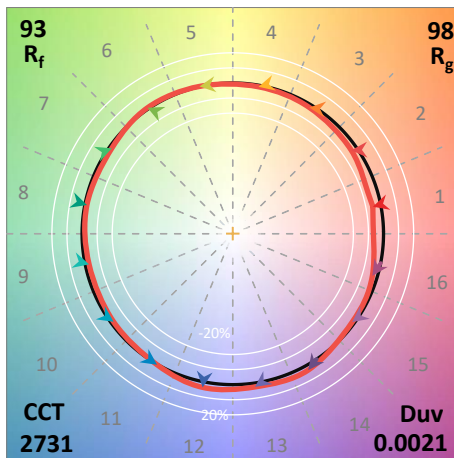
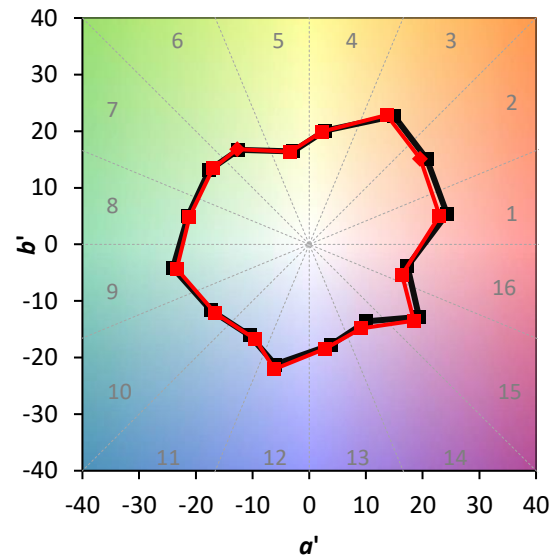
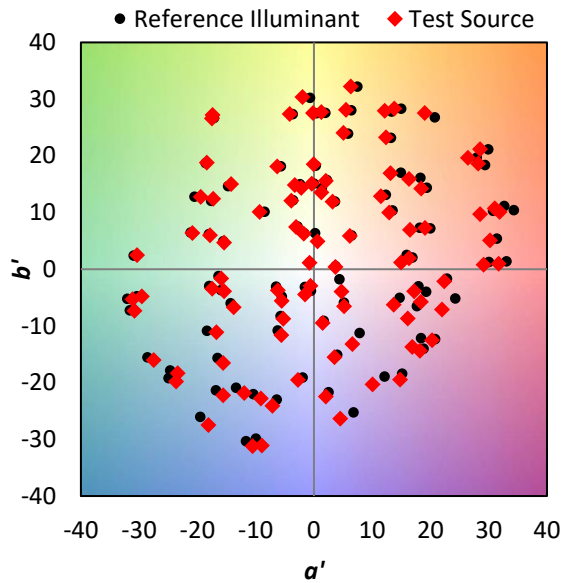
TM-30-18

Summary

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

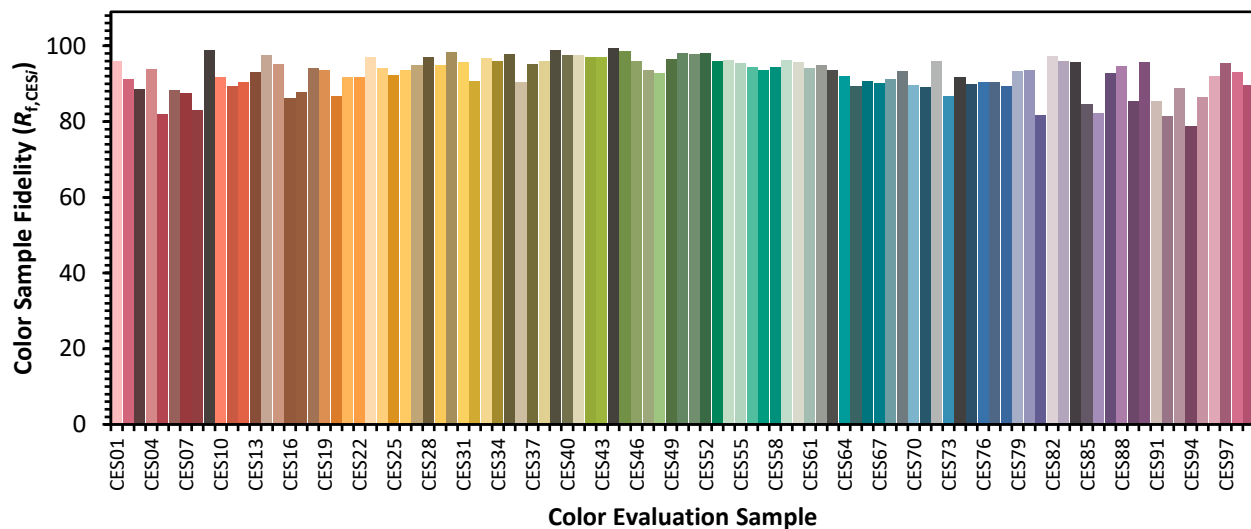


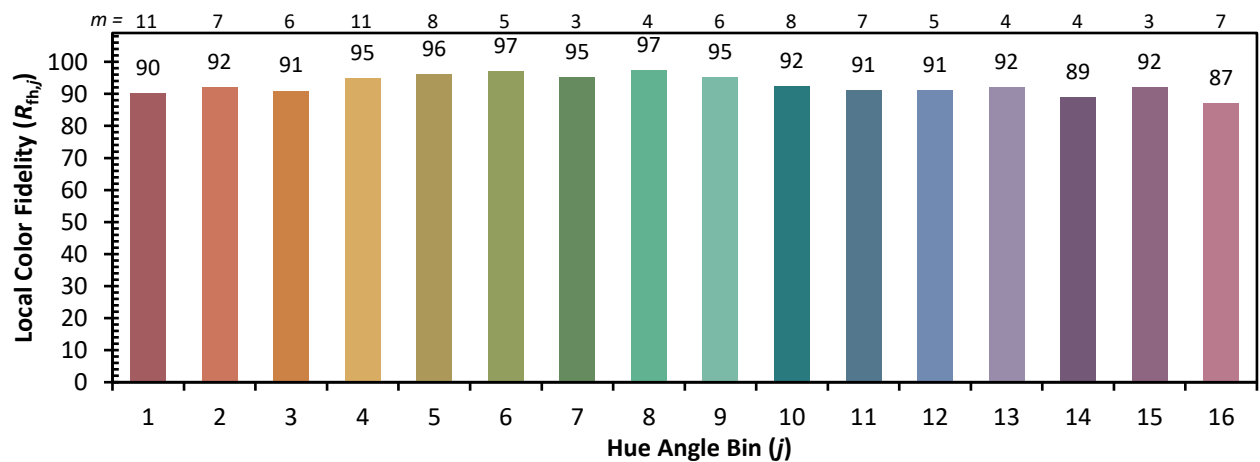
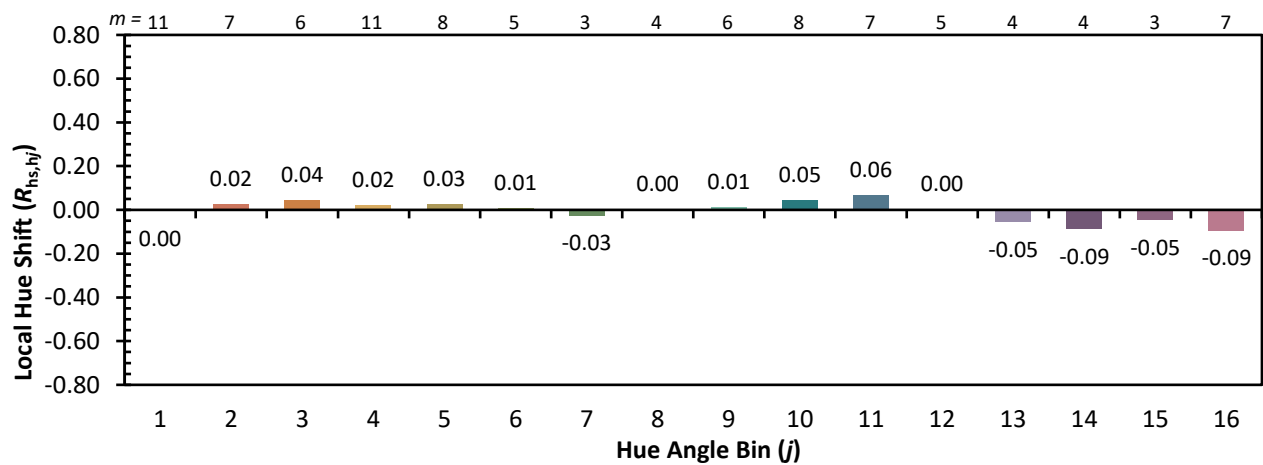
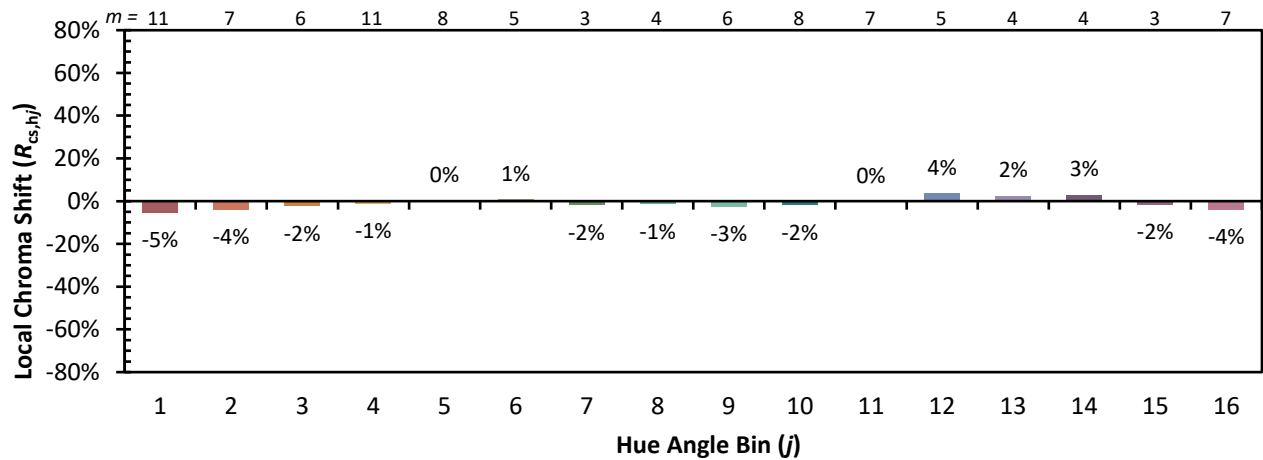
Color Vector Graphics



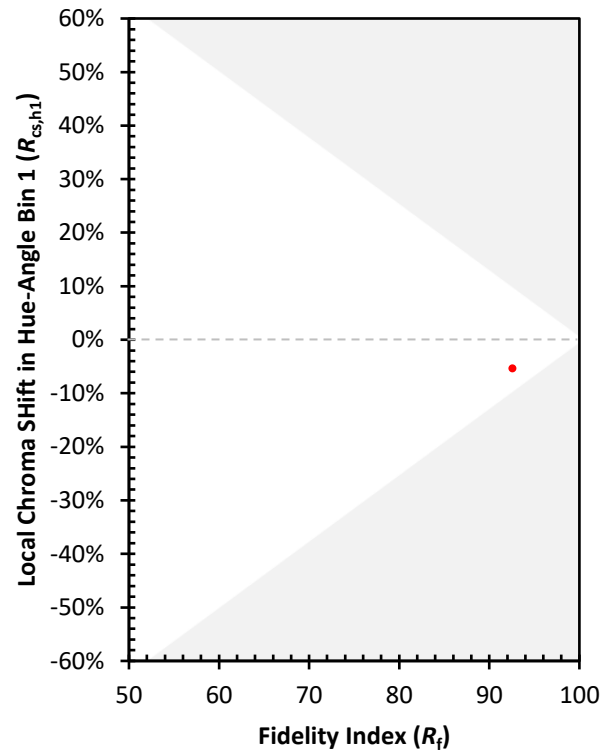
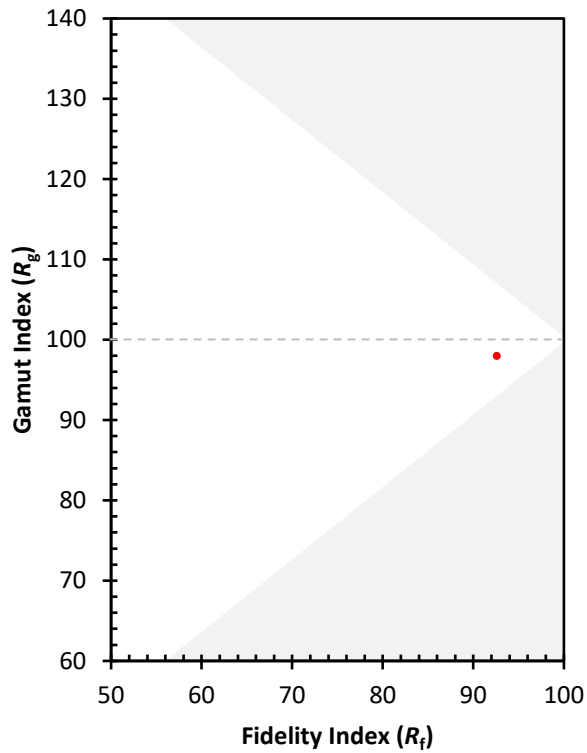
Individual Sample Fidelity Index ($R_{f,i}$)

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)