

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: P1049326

Luminaire Tested: **GALN-SA3B-930-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049326
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3B-930-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
90CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

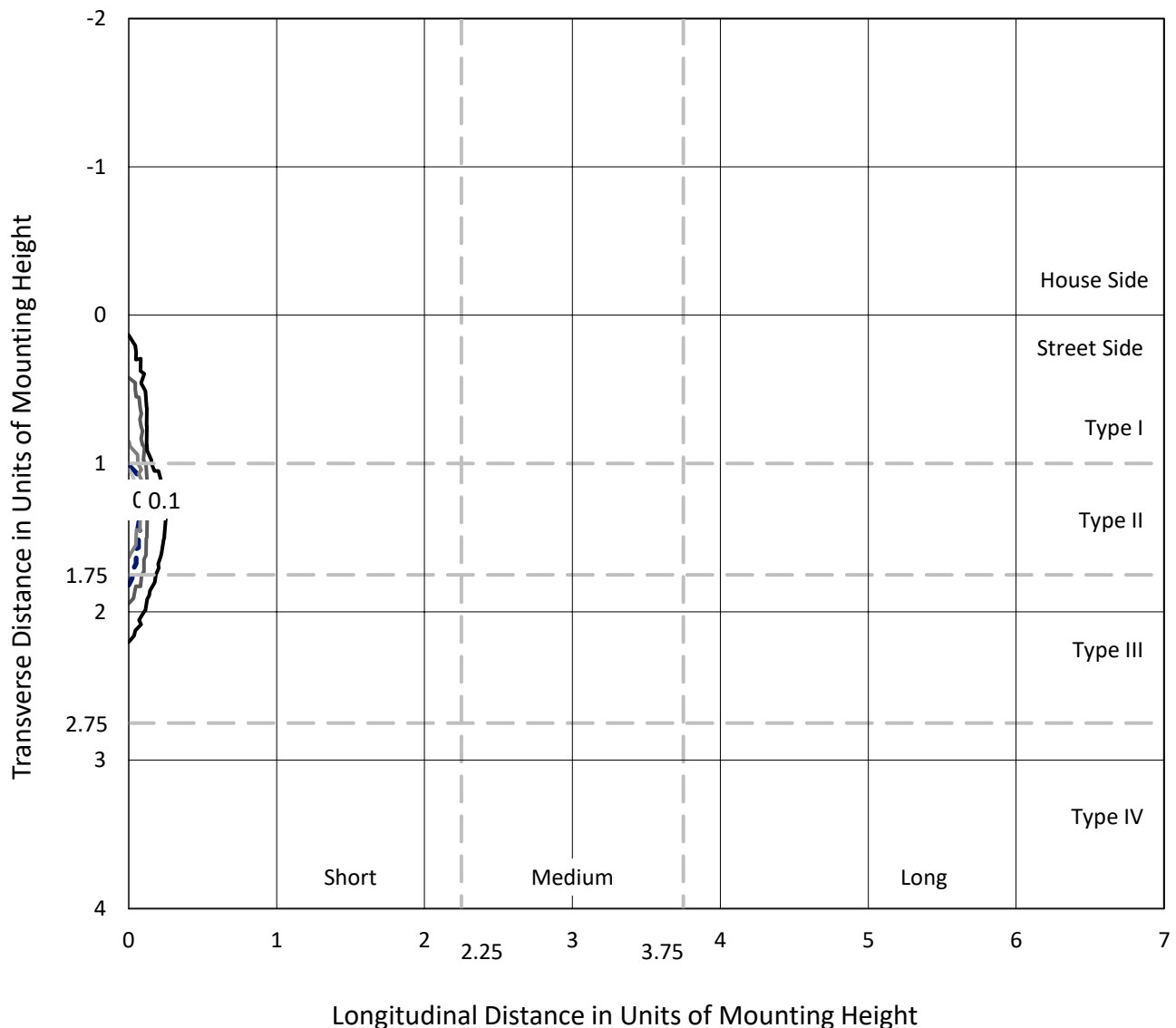
Lumens per Lamp: N/A
Luminaire Lumens: 8861.9 lumens
Efficiency: N/A
Efficacy: 83.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 106.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

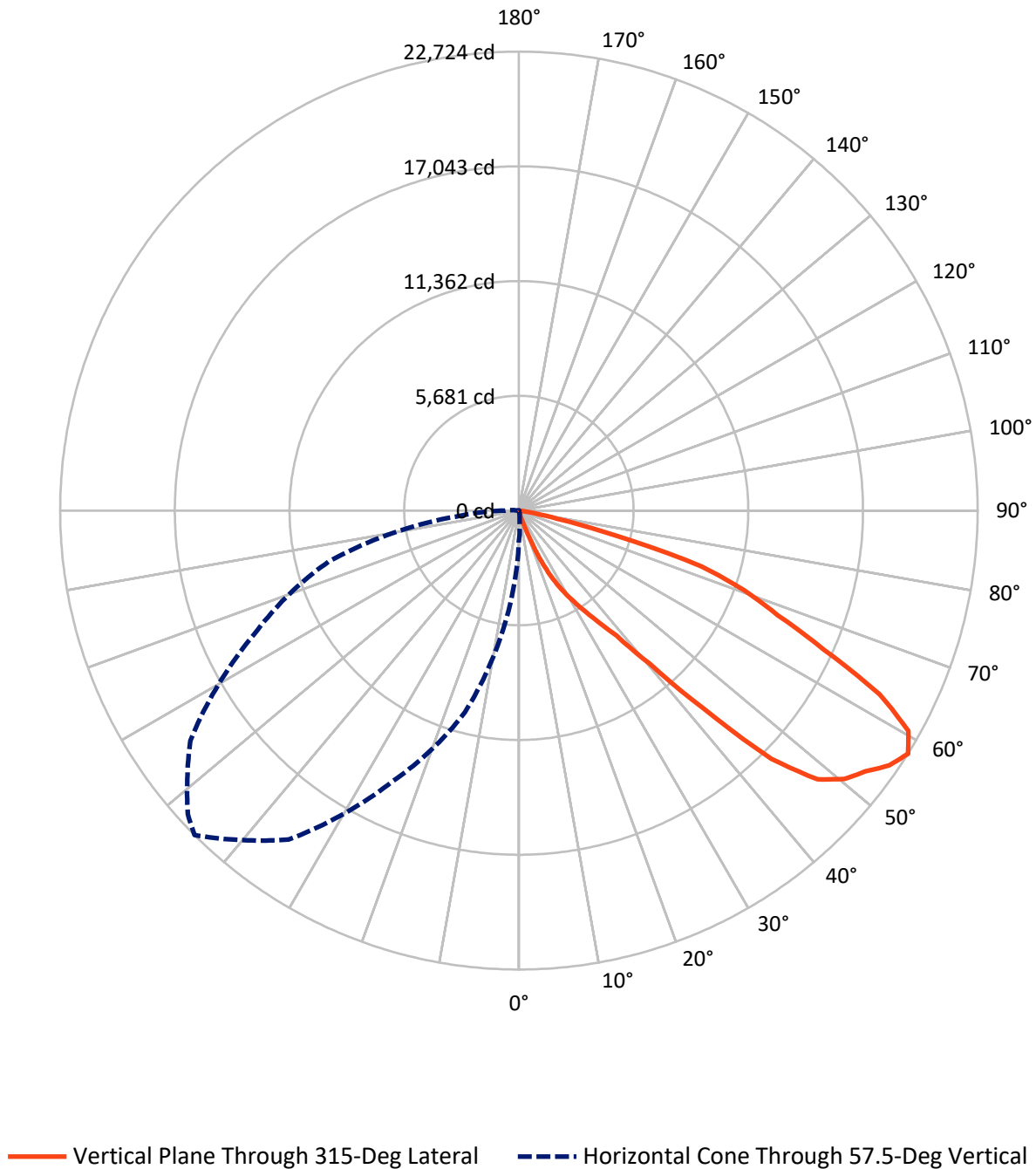
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.3 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	44.4	0.0	44.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	8817.5	0.0	8817.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	8861.9	0.0	8861.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.5	0.0
10°-20°	19.5	0.2
20°-30°	210.0	2.4
30°-40°	621.0	7.0
40°-50°	1850.9	20.9
50°-60°	2934.8	33.1
60°-70°	2449.9	27.6
70°-80°	755.5	8.5
80°-90°	16.8	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°	8861.9	100.0
0°-180°	8861.9	100.0



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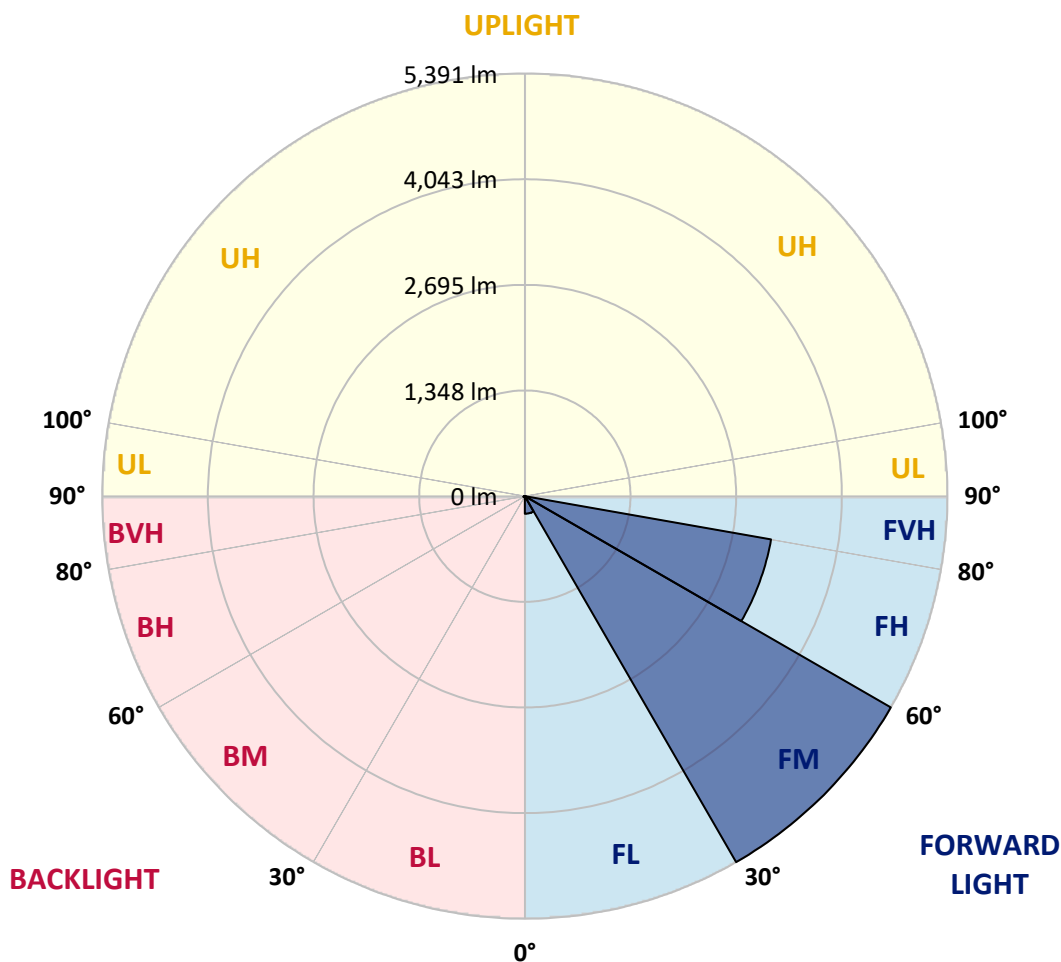
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	224.8	2.5			
FM	(30°-60°)	5390.9	60.8			
FH	(60°-80°)	3188.8	36.0			G2/5000
FVH	(80°-90°)	13.0	0.1			G1/100
BL	(0°-30°)	8.1	0.1	B0/110		
BM	(30°-60°)	15.9	0.2	B0/220		
BH	(60°-80°)	16.6	0.2	B0/110		G0/110
BVH	(80°-90°)	3.8	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°	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
2.5°	35.5	35.5	35.5	35.5	34.8	34.8	34.2	34.2	33.5	33.5
5°	37.5	37.5	36.8	36.2	36.2	35.5	34.8	34.2	34.2	33.5
7.5°	40.9	40.2	39.5	38.8	37.5	36.8	35.5	34.8	34.2	32.8
10°	44.9	43.5	42.2	40.9	39.5	38.2	36.8	36.2	34.8	34.2
12.5°	50.2	48.2	45.5	43.5	42.2	40.2	38.8	37.5	35.5	34.2
15°	54.9	52.2	48.9	46.2	44.2	41.5	39.5	37.5	36.2	34.2
17.5°	61.6	56.9	51.6	48.2	45.5	42.2	38.8	36.8	34.8	32.1
20°	73.0	63.6	53.6	49.6	45.5	41.5	37.5	34.8	32.8	30.1
22.5°	91.1	75.0	58.9	52.9	47.5	41.5	36.2	33.5	30.8	28.1
25°	125.9	97.1	68.3	60.3	52.2	44.2	36.2	32.8	30.1	26.8
27.5°	167.4	124.6	81.0	69.6	58.9	47.5	36.2	32.1	28.8	24.8
30°	209.6	152.7	95.1	80.4	65.6	50.9	36.2	31.5	27.5	22.8
32.5°	249.8	178.8	107.1	89.7	72.3	54.2	36.8	31.5	26.1	20.8
35°	290.6	200.2	109.2	91.1	73.0	54.2	36.2	30.1	24.8	18.8
37.5°	342.9	224.3	105.1	87.1	69.6	51.6	34.2	28.8	23.4	17.4
40°	421.9	264.5	107.1	88.4	69.6	50.9	32.1	26.8	22.1	16.7
42.5°	567.9	342.2	115.9	94.4	73.0	50.9	29.5	24.8	20.8	16.1
45°	981.8	568.6	155.4	123.2	91.1	58.9	26.8	22.8	19.4	15.4
47.5°	1624.0	951.6	279.3	215.6	152.7	89.1	26.1	22.8	19.4	15.4
50°	2072.7	1212.1	351.6	270.6	189.5	108.5	27.5	23.4	20.1	16.1
52.5°	2069.3	1230.9	391.8	300.7	210.3	119.2	28.8	24.8	21.4	17.4
55°	1839.6	1119.7	399.1	306.7	215.0	122.6	30.8	26.8	22.8	18.8
57.5°	1537.6	951.0	364.3	281.9	200.2	117.9	35.5	30.8	26.8	22.1
60°	1216.1	750.0	283.9	224.3	165.4	105.8	46.9	40.9	35.5	29.5
62.5°	839.8	543.8	247.8	198.9	150.7	101.8	53.6	47.5	42.2	36.2
65°	594.0	409.2	223.7	182.2	141.3	99.8	58.3	51.6	45.5	38.8
67.5°	444.0	325.5	206.3	170.8	135.3	99.8	64.3	56.3	48.9	40.9
70°	340.2	267.2	193.5	164.7	136.6	107.8	79.0	67.6	56.9	45.5
72.5°	277.2	228.4	178.8	158.0	137.3	116.5	95.8	81.0	66.3	50.9
75°	229.7	195.5	161.4	144.0	127.2	109.8	92.4	79.0	66.3	52.9
77.5°	152.7	139.3	125.2	115.2	105.1	94.4	84.4	73.0	62.3	50.9
80°	53.6	51.6	49.6	53.6	57.6	61.6	65.6	57.6	50.2	42.2
82.5°	8.0	7.4	6.7	7.4	8.0	8.7	9.4	10.0	10.7	11.4
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°	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
0.0	2.5°	32.8	32.8	32.1	32.1	32.1	31.5	31.5	30.8	30.8	30.8
0.0	5°	32.1	32.1	31.5	30.8	30.1	30.1	29.5	28.8	28.8	28.1
0.0	7.5°	31.5	30.8	30.1	29.5	28.8	28.1	27.5	26.8	26.8	26.1
0.0	10°	32.1	30.8	30.1	28.8	28.1	27.5	26.1	25.4	24.8	24.8
0.0	12.5°	30.8	30.1	28.8	27.5	26.8	25.4	24.8	23.4	22.8	22.8
0.0	15°	30.8	29.5	27.5	26.1	24.8	24.1	22.8	21.4	20.8	20.1
0.0	17.5°	28.8	27.5	25.4	24.1	22.8	21.4	20.1	18.8	18.1	17.4
0.0	20°	26.1	24.8	22.8	20.8	19.4	18.1	16.7	15.4	14.7	14.1
0.0	22.5°	23.4	22.1	20.1	18.1	16.7	15.4	13.4	12.1	11.4	10.0
0.0	25°	22.1	20.1	18.1	16.1	14.1	12.7	10.7	8.7	7.4	6.0
0.0	27.5°	18.8	16.7	14.7	12.7	10.7	8.7	6.7	4.7	3.3	2.7
0.0	30°	16.1	14.1	12.1	10.0	7.4	5.4	3.3	0.7	0.7	0.7
0.0	32.5°	13.4	11.4	8.7	6.7	5.4	3.3	2.0	0.0	0.0	0.0
0.0	35°	10.7	8.7	6.0	4.0	3.3	2.0	1.3	0.0	0.0	0.0
0.0	37.5°	9.4	7.4	4.7	2.0	1.3	1.3	0.7	0.0	0.0	0.0
0.0	40°	8.7	6.0	3.3	0.7	0.7	0.7	0.0	0.0	0.0	0.0
0.0	42.5°	8.7	6.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	8.7	6.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	8.7	6.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	9.4	6.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	10.7	8.0	5.4	2.7	2.0	1.3	0.7	0.0	0.0	0.0
0.0	55°	13.4	12.1	10.0	8.7	6.7	4.7	2.0	0.0	0.0	0.0
0.0	57.5°	17.4	17.4	16.7	16.1	12.1	8.0	4.0	0.0	0.0	0.0
0.0	60°	23.4	23.4	23.4	23.4	17.4	12.1	6.0	0.0	0.0	0.0
0.0	62.5°	28.8	27.5	25.4	24.1	18.1	12.1	6.0	0.0	0.0	0.0
0.0	65°	28.8	26.1	22.8	19.4	14.7	10.0	4.7	0.0	0.0	0.0
0.0	67.5°	26.8	21.4	15.4	10.0	7.4	5.4	2.7	0.0	0.0	0.0
	70°	26.8	18.8	10.7	2.7	2.0	1.3	0.7	0.0	0.0	0.0
	72.5°	26.8	18.1	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	29.5	20.1	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	29.5	20.1	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	26.1	17.4	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	8.7	6.0	2.7	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°	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
0.0	2.5°	30.1	30.1	30.1	29.5	29.5	29.5	29.5	28.8	28.8	28.8
0.0	5°	27.5	27.5	26.8	26.8	26.1	26.1	25.4	25.4	24.8	24.8
0.0	7.5°	25.4	24.8	24.8	24.1	23.4	23.4	22.8	22.8	22.1	21.4
0.0	10°	23.4	22.8	22.8	22.1	21.4	20.8	20.8	20.1	19.4	18.8
0.0	12.5°	21.4	20.8	20.1	19.4	18.8	18.1	18.1	17.4	16.7	16.1
0.0	15°	18.8	18.1	17.4	16.7	16.1	15.4	15.4	14.7	14.1	13.4
0.0	17.5°	16.1	15.4	15.4	14.7	14.1	13.4	12.7	11.4	10.7	10.0
0.0	20°	12.1	11.4	10.7	10.0	9.4	8.0	7.4	6.0	4.7	4.0
0.0	22.5°	8.0	6.7	6.0	4.7	3.3	2.7	2.0	0.7	0.0	0.0
0.0	25°	2.7	2.0	1.3	0.7	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):

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CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
0.0	2.5°	28.1	28.1	28.1	27.5	27.5	27.5	27.5	27.5	27.5	27.5
0.0	5°	24.1	24.1	24.1	23.4	23.4	22.8	22.8	22.8	22.1	22.1
0.0	7.5°	20.8	20.1	20.1	19.4	19.4	18.8	18.8	18.8	18.1	18.1
0.0	10°	17.4	16.7	16.7	16.1	16.1	15.4	15.4	14.7	14.7	14.1
0.0	12.5°	15.4	14.7	14.1	13.4	13.4	12.7	12.1	12.1	11.4	10.7
0.0	15°	12.1	11.4	10.7	10.0	9.4	8.7	8.0	8.0	7.4	6.7
0.0	17.5°	8.0	6.7	6.0	5.4	5.4	4.7	4.0	3.3	2.7	2.0
0.0	20°	2.0	1.3	0.7	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):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
0.0	2.5°	27.5	26.8	26.8	26.8	27.5	27.5	27.5	27.5	27.5	27.5
0.0	5°	22.1	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
0.0	7.5°	18.1	17.4	17.4	17.4	17.4	16.7	16.7	16.7	16.7	16.7
0.0	10°	14.1	13.4	13.4	13.4	13.4	12.7	12.7	12.7	12.7	12.7
0.0	12.5°	10.0	10.0	9.4	9.4	9.4	8.7	8.7	8.7	8.7	8.0
0.0	15°	6.0	5.4	4.7	4.7	4.7	4.0	4.0	4.0	4.0	3.3
0.0	17.5°	1.3	1.3	0.7	0.7	0.7	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):

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
0.0	2.5°	28.1	28.1	28.8	28.8	29.5	30.8	31.5	32.1	33.5	34.8
0.0	5°	22.1	22.8	22.8	23.4	24.1	24.8	25.4	26.1	27.5	28.8
0.0	7.5°	17.4	17.4	18.1	18.1	18.8	20.1	20.8	21.4	22.8	24.8
0.0	10°	13.4	13.4	14.1	14.1	14.7	16.1	16.7	17.4	18.8	20.8
0.0	12.5°	8.7	9.4	9.4	10.0	10.7	12.1	12.7	13.4	14.7	16.1
0.0	15°	4.0	4.7	4.7	5.4	6.0	7.4	8.0	8.7	10.0	12.1
0.0	17.5°	0.7	0.7	1.3	1.3	2.0	2.7	3.3	4.0	6.0	7.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.7
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
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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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
0.0	2.5°	36.8	38.2	39.5	40.9	42.2	43.5	44.2	45.5	46.2	46.9
0.0	5°	31.5	32.8	34.8	36.2	37.5	38.8	40.2	40.9	41.5	42.2
0.0	7.5°	27.5	28.8	30.8	32.1	33.5	34.8	36.2	37.5	38.2	38.8
0.0	10°	23.4	25.4	26.8	28.8	30.1	31.5	32.8	34.2	35.5	36.2
0.0	12.5°	18.8	20.8	22.8	24.1	26.1	28.1	29.5	30.8	32.1	33.5
0.0	15°	14.7	16.7	18.8	20.1	22.1	24.1	26.1	27.5	28.8	30.1
0.0	17.5°	10.7	12.7	14.7	16.1	18.1	20.1	21.4	23.4	24.8	26.1
0.0	20°	5.4	7.4	9.4	11.4	13.4	15.4	16.7	18.8	20.1	21.4
0.0	22.5°	0.7	2.7	4.7	6.0	8.0	10.0	11.4	13.4	14.7	16.1
0.0	25°	0.0	0.7	2.0	2.7	3.3	4.7	6.0	7.4	8.7	10.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.7	1.3	2.7	4.0	5.4
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	0.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.3
	85°	0.0	0.0	0.0	0.0	0.0	1.3	2.0	3.3	4.0	4.7
	87.5°	0.0	0.7	1.3	2.0	2.7	4.0	5.4	6.7	7.4	8.0
	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: P1049326

CATALOG NUMBER: GALN-SA3B-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
38.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.7											
2.7											
6.0											
8.7											
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REPORT NUMBER: P1049326

CATALOG NUMBER: GALN-SA3B-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
0.0	2.5°	47.5	47.5	47.5	47.5	46.9	46.9	46.9	46.2	46.2	45.5
0.0	5°	43.5	44.2	44.2	44.2	44.2	44.2	44.2	44.2	43.5	43.5
0.0	7.5°	40.2	40.9	41.5	41.5	42.2	42.2	42.2	41.5	41.5	40.9
0.0	10°	38.2	38.8	38.8	39.5	39.5	39.5	39.5	39.5	39.5	39.5
0.0	12.5°	35.5	36.2	36.8	36.8	37.5	37.5	37.5	37.5	36.8	36.8
0.0	15°	32.1	33.5	34.2	34.8	34.8	35.5	35.5	35.5	35.5	35.5
0.0	17.5°	29.5	30.8	31.5	32.1	32.1	32.8	32.8	33.5	33.5	33.5
0.0	20°	24.1	25.4	26.1	27.5	28.1	28.8	29.5	30.1	30.1	30.8
0.0	22.5°	18.8	20.1	20.8	22.1	22.8	23.4	24.1	24.8	25.4	26.1
0.0	25°	13.4	14.7	15.4	16.7	17.4	18.1	18.8	19.4	19.4	20.1
0.0	27.5°	7.4	8.7	10.0	10.7	12.1	12.7	13.4	14.1	14.7	15.4
0.0	30°	3.3	4.0	4.7	6.0	6.7	7.4	8.0	9.4	10.0	10.7
0.0	32.5°	0.0	0.0	0.7	2.0	2.7	3.3	4.0	4.7	4.7	5.4
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.3	2.0	2.7
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	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	82.5°	3.3	4.0	4.7	4.7	5.4	5.4	5.4	5.4	4.7	4.7
	85°	6.7	7.4	8.0	8.0	8.7	8.7	8.7	8.7	8.7	8.7
	87.5°	9.4	10.0	10.7	10.7	11.4	11.4	11.4	11.4	11.4	11.4
	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



REPORT NUMBER: P1049326

CATALOG NUMBER: GALN-SA3B-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
38.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	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
0.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	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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0.0											
2.0											
4.7											
8.7											
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REPORT NUMBER: P1049326

CATALOG NUMBER: GALN-SA3B-930-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°	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
0.0	2.5°	44.9	44.9	44.2	44.2	44.2	44.2	44.2	44.9	45.5	45.5
0.0	5°	42.9	42.9	42.2	42.2	42.2	42.9	42.9	43.5	44.2	44.9
0.0	7.5°	40.9	40.2	40.2	40.9	40.9	41.5	41.5	42.2	42.9	43.5
0.0	10°	39.5	38.8	38.8	38.8	39.5	39.5	40.2	40.9	41.5	42.2
0.0	12.5°	36.8	36.8	36.8	36.8	37.5	37.5	38.2	38.8	40.2	40.9
0.0	15°	35.5	34.8	34.8	34.8	34.8	35.5	35.5	36.8	38.2	38.8
0.0	17.5°	32.8	32.8	32.1	32.1	32.8	32.8	33.5	34.8	36.2	36.8
0.0	20°	30.1	29.5	28.8	28.8	29.5	29.5	30.1	31.5	32.8	33.5
0.0	22.5°	26.1	25.4	25.4	25.4	25.4	26.1	26.1	27.5	29.5	30.8
0.0	25°	20.8	21.4	21.4	22.1	22.1	22.8	23.4	24.8	26.8	28.1
0.0	27.5°	16.1	16.7	16.7	18.1	18.8	19.4	20.1	22.1	24.1	25.4
0.0	30°	12.1	12.7	13.4	14.1	15.4	16.7	18.1	20.1	22.1	23.4
0.0	32.5°	7.4	8.7	9.4	10.7	12.1	13.4	14.7	16.7	19.4	21.4
0.0	35°	5.4	6.0	7.4	8.0	9.4	10.7	12.1	14.7	16.7	19.4
0.0	37.5°	2.7	4.0	5.4	6.7	8.0	9.4	10.7	13.4	16.1	18.1
0.0	40°	2.0	3.3	4.0	5.4	7.4	8.7	10.0	12.7	15.4	18.1
0.0	42.5°	1.3	2.0	2.7	4.7	6.0	8.0	10.0	12.7	15.4	18.1
0.0	45°	1.3	1.3	2.0	4.0	6.0	8.7	10.7	13.4	15.4	18.1
0.0	47.5°	1.3	2.0	2.7	5.4	6.7	8.7	10.7	12.7	15.4	17.4
0.0	50°	2.0	2.7	3.3	6.0	7.4	9.4	10.7	13.4	15.4	18.1
0.0	52.5°	1.3	2.0	2.7	5.4	7.4	10.0	12.1	14.7	17.4	19.4
0.0	55°	0.7	0.7	0.7	4.0	8.0	11.4	15.4	17.4	20.1	22.1
0.0	57.5°	0.0	0.0	0.0	2.7	8.0	12.7	17.4	20.1	22.8	24.8
0.0	60°	0.0	0.0	0.0	2.7	8.0	12.7	17.4	20.8	24.1	27.5
0.0	62.5°	0.0	0.0	0.0	2.7	6.7	10.7	14.7	20.1	26.1	31.5
0.0	65°	0.0	0.0	0.0	2.0	5.4	8.7	12.1	20.1	28.1	35.5
0.0	67.5°	0.0	0.0	0.0	2.0	5.4	8.0	11.4	20.1	28.1	36.8
	70°	0.0	0.0	0.0	2.0	5.4	8.7	12.1	20.1	28.1	36.2
	72.5°	0.0	0.0	0.0	2.0	6.0	9.4	13.4	20.1	26.8	33.5
	75°	0.0	0.0	0.0	2.7	6.0	10.0	14.1	20.1	26.1	31.5
	77.5°	0.0	0.0	0.0	2.0	6.0	9.4	13.4	19.4	25.4	30.8
	80°	2.0	1.3	1.3	3.3	6.0	8.7	11.4	17.4	24.1	30.1
	82.5°	4.0	4.0	3.3	4.7	6.0	8.0	10.0	15.4	21.4	26.8
	85°	8.0	8.0	7.4	8.0	8.0	8.7	9.4	12.1	14.7	17.4
	87.5°	10.7	10.7	10.0	10.0	10.0	9.4	9.4	9.4	9.4	8.7
	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: P1049326

CATALOG NUMBER: GALN-SA3B-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
38.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2											
40.2											
37.5											
36.8											
36.2											
32.1											
20.1											
8.7											
0.0											
0.0											
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REPORT NUMBER: P1049326

CATALOG NUMBER: GALN-SA3B-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
0.0	2.5°	46.9	47.5	47.5	48.2	48.9	49.6	49.6	50.2	50.2	50.2
0.0	5°	46.2	47.5	48.2	48.9	49.6	50.2	50.9	51.6	52.2	52.2
0.0	7.5°	45.5	46.2	47.5	48.2	49.6	50.2	51.6	52.2	52.9	53.6
0.0	10°	44.2	45.5	46.9	48.2	49.6	50.9	52.2	53.6	54.9	55.6
0.0	12.5°	42.9	44.9	46.2	47.5	49.6	51.6	52.9	54.9	56.3	57.6
0.0	15°	42.2	43.5	45.5	46.9	49.6	52.2	54.2	56.9	59.6	61.6
0.0	17.5°	40.2	42.9	44.9	46.9	49.6	52.9	55.6	58.3	62.3	66.3
0.0	20°	37.5	39.5	42.2	44.2	48.2	51.6	55.6	58.9	65.0	71.0
0.0	22.5°	34.8	37.5	39.5	42.2	46.9	50.9	55.6	59.6	69.6	79.0
0.0	25°	32.1	35.5	38.2	40.9	46.2	51.6	56.9	62.3	79.0	95.8
0.0	27.5°	30.8	33.5	36.8	39.5	46.2	53.6	60.3	67.0	93.8	119.9
0.0	30°	28.8	32.1	34.8	38.2	46.9	55.6	64.3	73.0	113.8	154.7
0.0	32.5°	26.8	30.1	33.5	36.8	48.2	59.6	70.3	81.7	135.3	188.2
0.0	35°	24.8	28.8	32.1	35.5	50.2	65.6	80.4	95.1	154.7	213.6
0.0	37.5°	24.1	28.1	31.5	34.8	50.9	66.3	82.4	97.8	156.7	215.6
0.0	40°	24.8	28.1	32.1	35.5	48.9	62.3	75.0	88.4	150.0	211.0
0.0	42.5°	24.8	28.8	32.8	36.8	47.5	58.3	69.0	79.7	148.0	216.3
0.0	45°	24.1	28.1	32.1	36.2	46.2	55.6	65.6	75.0	160.1	244.4
0.0	47.5°	23.4	27.5	31.5	35.5	45.5	55.6	65.6	75.7	206.9	337.5
0.0	50°	23.4	27.5	30.8	34.2	46.2	58.9	71.0	83.0	301.4	519.0
0.0	52.5°	24.8	28.1	30.8	33.5	47.5	62.3	76.3	90.4	383.1	675.0
0.0	55°	26.8	28.8	31.5	33.5	50.9	67.6	85.0	101.8	407.8	713.9
0.0	57.5°	29.5	31.5	33.5	35.5	56.9	78.4	99.1	120.5	409.8	698.5
0.0	60°	32.8	35.5	37.5	39.5	62.3	85.7	108.5	131.3	371.0	610.1
0.0	62.5°	40.2	43.5	46.2	49.6	71.7	93.1	115.2	136.6	308.1	479.5
0.0	65°	46.2	48.9	51.6	54.2	75.7	97.8	119.2	140.6	261.2	381.7
0.0	67.5°	47.5	50.2	52.2	54.9	77.0	99.1	120.5	142.6	223.7	304.0
	70°	48.2	51.6	55.6	58.9	81.7	104.5	126.6	149.3	198.2	247.1
	72.5°	46.2	52.9	58.9	65.0	86.4	107.1	128.6	149.3	184.2	219.0
	75°	46.2	55.6	64.3	73.0	89.1	104.5	120.5	135.9	162.7	189.5
	77.5°	48.9	60.9	73.0	85.0	94.4	103.1	112.5	121.2	138.6	156.0
	80°	48.9	61.6	73.7	86.4	90.4	95.1	99.1	103.1	105.1	107.1
	82.5°	42.2	52.2	62.3	72.3	67.6	63.0	58.3	53.6	50.2	46.2
	85°	21.4	23.4	24.8	26.1	24.1	22.1	20.1	18.1	16.7	14.7
	87.5°	8.7	8.7	8.0	8.0	8.0	8.0	7.4	7.4	7.4	7.4
	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

REPORT NUMBER: P1049326

CATALOG NUMBER: GALN-SA3B-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
38.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
198.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
268.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
335.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
381.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
415.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
449.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
516.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
650.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
991.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1518.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1911.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1763.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1508.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1178.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
890.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
657.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
465.4											
346.2											
251.8											
189.5											
106.5											
48.2											
14.1											
6.7											
0.0											
0.0											
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REPORT NUMBER: P1049326

CATALOG NUMBER: GALN-SA3B-930-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°	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
0.0	2.5°	50.2	49.6	49.6	48.9	48.2	47.5	46.9	46.2	45.5	44.9
0.0	5°	52.2	52.2	52.2	51.6	51.6	50.9	50.9	50.2	49.6	48.9
0.0	7.5°	54.2	54.9	54.9	55.6	55.6	55.6	55.6	54.9	54.9	54.9
0.0	10°	57.6	58.3	58.9	59.6	60.3	60.9	60.9	61.6	61.6	61.6
0.0	12.5°	61.6	63.6	65.0	67.0	68.3	70.3	71.7	73.7	75.0	76.3
0.0	15°	67.6	71.0	75.0	78.4	81.7	86.4	91.7	96.4	101.1	108.5
0.0	17.5°	76.3	87.1	97.8	107.8	118.5	142.0	165.4	188.2	211.6	245.8
0.0	20°	93.1	125.2	156.7	188.9	220.3	302.7	384.4	466.8	548.5	636.2
0.0	22.5°	130.6	209.6	288.6	367.7	446.7	618.8	790.2	962.3	1133.8	1335.3
0.0	25°	189.5	334.8	480.2	624.8	770.1	1039.3	1309.2	1578.4	1847.7	2109.5
0.0	27.5°	275.9	498.2	720.6	942.2	1164.6	1529.6	1895.2	2260.2	2625.2	2921.2
0.0	30°	382.4	683.7	985.1	1286.5	1587.8	2003.0	2418.2	2832.8	3248.0	3571.4
0.0	32.5°	482.8	851.8	1220.8	1589.2	1958.2	2431.0	2904.4	3377.2	3850.0	4203.6
0.0	35°	548.5	994.5	1441.2	1887.2	2333.2	2844.8	3356.5	3867.4	4379.1	4782.9
0.0	37.5°	614.1	1129.1	1643.4	2158.4	2672.7	3234.6	3796.4	4358.3	4920.2	5419.1
0.0	40°	687.8	1291.8	1895.2	2499.3	3102.6	3768.3	4433.3	5099.0	5764.0	6467.8
0.0	42.5°	815.7	1561.7	2308.4	3054.4	3800.5	4681.1	5561.7	6441.7	7322.3	8326.8
0.0	45°	1056.1	2107.5	3159.6	4211.0	5262.4	6429.0	7596.2	8762.8	9929.4	11266.1
0.0	47.5°	1644.7	3091.3	4537.1	5983.6	7429.5	8689.1	9948.2	11207.8	12466.8	13798.2
0.0	50°	2516.7	4200.3	5883.8	7566.8	9250.3	10390.1	11529.3	12669.1	13808.2	15074.6
0.0	52.5°	3147.5	4901.4	6656.0	8409.9	10163.8	11192.4	12221.7	13250.4	14279.0	15462.3
0.0	55°	3195.1	4938.9	6683.4	8427.3	10171.2	11204.5	12237.8	13271.1	14304.4	15558.8
0.0	57.5°	2828.7	4558.5	6287.7	8017.5	9746.6	10923.2	12099.2	13275.8	14451.8	15807.9
0.0	60°	2406.2	4136.6	5866.4	7596.9	9326.7	10682.1	12038.2	13393.7	14749.1	16019.5
0.0	62.5°	1877.1	3657.1	5437.8	7217.9	8997.9	10374.1	11750.3	13125.8	14502.0	15455.0
0.0	65°	1399.0	3127.4	4855.9	6583.7	8312.1	9414.4	10516.7	11618.3	12720.6	13310.6
0.0	67.5°	1011.2	2501.9	3992.0	5482.7	6972.7	7761.6	8550.5	9338.7	10127.6	10579.0
	70°	683.7	1716.4	2748.4	3781.0	4813.0	5461.3	6110.2	6758.4	7406.7	8016.1
	72.5°	473.5	1053.4	1634.0	2214.0	2793.9	3446.2	4097.8	4750.1	5401.7	6046.6
	75°	314.1	577.9	842.5	1106.3	1370.2	1853.0	2336.5	2819.4	3302.2	3686.6
	77.5°	223.0	302.0	381.7	460.7	539.8	630.2	721.2	811.7	902.1	1039.3
	80°	105.8	115.9	125.9	135.3	145.3	178.1	211.0	243.8	276.6	311.4
	82.5°	50.2	54.2	58.3	61.6	65.6	69.0	72.3	75.7	79.0	75.7
	85°	13.4	13.4	14.1	14.1	14.1	14.1	14.1	14.1	14.1	13.4
	87.5°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.4	5.4	4.7
	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

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CATALOG NUMBER: GALN-SA3B-930-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
38.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
279.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
724.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1536.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2371.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3217.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3895.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4557.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5186.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5918.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7171.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9331.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12602.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15129.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16341.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16645.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16813.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17164.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17289.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16408.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13901.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11031.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8624.9											
6691.5											
4071.0											
1176.6											
346.2											
71.7											
12.7											
4.7											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA3B-930-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
0.0	2.5°	43.5	42.9	42.2	41.5	40.9	39.5	39.5	38.8	38.8
0.0	5°	47.5	46.9	46.2	45.5	45.5	44.9	44.2	44.2	43.5
0.0	7.5°	54.2	53.6	52.9	52.2	52.2	51.6	51.6	50.9	50.9
0.0	10°	62.3	62.3	62.3	62.3	62.3	61.6	61.6	61.6	60.9
0.0	12.5°	78.4	79.0	80.4	81.7	83.7	83.7	83.7	83.0	83.0
0.0	15°	123.9	131.3	136.6	142.0	146.7	157.4	156.0	154.0	152.7
0.0	17.5°	313.4	346.9	365.0	382.4	400.5	450.0	442.0	434.0	426.6
0.0	20°	812.3	900.1	958.3	1016.6	1075.5	1168.6	1145.8	1123.1	1100.3
0.0	22.5°	1737.8	1939.4	2027.1	2114.9	2201.9	2314.4	2241.4	2168.4	2096.1
0.0	25°	2632.5	2894.4	3042.4	3190.4	3337.7	3402.0	3306.9	3211.1	3116.0
0.0	27.5°	3513.2	3809.2	3939.8	4069.7	4200.3	4334.9	4217.0	4098.5	3980.6
0.0	30°	4219.0	4542.5	4683.8	4824.4	4965.7	5059.5	4937.6	4815.0	4693.1
0.0	32.5°	4911.5	5265.1	5419.8	5574.4	5728.5	5863.1	5713.1	5562.4	5412.4
0.0	35°	5589.9	5993.7	6206.6	6419.6	6632.5	6757.8	6579.6	6400.8	6222.7
0.0	37.5°	6417.6	6916.5	7154.9	7393.3	7631.7	7860.1	7663.9	7467.0	7270.8
0.0	40°	7875.5	8579.3	8945.0	9311.3	9676.9	9971.6	9723.8	9476.0	9228.2
0.0	42.5°	10335.9	11340.4	11866.1	12391.2	12916.9	13376.9	13116.4	12855.9	12595.4
0.0	45°	13939.5	15276.2	15917.0	16557.3	17198.2	17534.3	17159.3	16783.6	16408.6
0.0	47.5°	16460.2	17791.5	18362.1	18932.6	19503.2	19886.9	19428.2	18969.5	18511.4
0.0	50°	17606.7	18873.0	19445.6	20017.5	20590.1	20894.8	20365.1	19834.7	19305.0
0.0	52.5°	17828.3	19011.7	19694.7	20378.5	21061.6	21468.7	20843.2	20217.1	19591.6
0.0	55°	18068.1	19322.4	20114.6	20907.5	21699.8	22263.6	21556.5	20848.6	20141.4
0.0	57.5°	18519.4	19875.5	20665.8	21455.3	22245.6	22724.4	22015.2	21305.3	20596.1
0.0	60°	18559.6	19829.3	20508.4	21188.1	21867.2	22168.5	21490.2	20811.1	20132.7
0.0	62.5°	17361.6	18314.5	18786.0	19257.4	19728.9	20056.4	19348.5	18640.0	17932.1
0.0	65°	14491.3	15081.3	15457.0	15832.7	16208.4	16598.8	15950.5	15302.3	14654.0
0.0	67.5°	11482.4	11933.8	12428.7	12923.6	13418.5	13835.7	13316.7	12797.0	12278.0
	70°	9234.3	9843.0	10399.5	10956.0	11512.5	11854.1	11333.1	10811.4	10290.4
	72.5°	7336.4	7981.3	8446.1	8910.1	9374.9	9458.6	9075.6	8692.5	8310.1
	75°	4454.7	4839.1	4848.5	4857.2	4866.6	4946.3	4628.9	4311.4	3994.7
	77.5°	1313.9	1451.2	1564.4	1676.9	1790.1	1926.7	1810.2	1693.0	1576.4
	80°	380.4	415.2	444.7	473.5	502.9	485.5	458.1	430.6	403.1
	82.5°	68.3	64.3	63.6	63.0	63.0	59.6	54.2	48.9	43.5
	85°	12.1	11.4	10.7	10.0	9.4	8.7	7.4	6.7	5.4
	87.5°	4.0	3.3	2.7	2.0	2.0	0.7	0.7	0.7	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-SA3B-930-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
38.8	38.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	38.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.9	42.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.2	49.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.9	60.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.4	80.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.7	143.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
418.6	383.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1077.5	981.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023.1	1844.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3020.3	2795.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3862.7	3603.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4571.3	4292.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5262.4	4928.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6044.6	5655.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7073.9	6595.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8980.5	8364.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12334.9	11502.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16033.6	15000.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18052.7	16937.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18775.3	17640.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18965.4	17807.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19433.6	18191.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19886.9	18613.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19454.3	18345.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17223.6	16341.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14005.8	13361.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11759.0	11033.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9768.7	8978.5										
7927.0	7215.2										
3677.2	3392.6										
1459.9	1305.9										
375.7	336.9										
38.2	36.2										
4.0	3.3										
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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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-SA3B-930-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°	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
0.0	0.0	2.5°	38.2	37.5	37.5	37.5	37.5	36.8	36.8	36.8	36.8
0.0	0.0	5°	42.2	42.2	41.5	41.5	40.9	40.9	40.2	40.2	39.5
0.0	0.0	7.5°	49.6	48.9	48.2	47.5	46.9	45.5	44.9	44.2	44.2
0.0	0.0	10°	59.6	58.3	57.6	56.3	55.6	54.2	52.9	51.6	50.2
0.0	0.0	12.5°	78.4	75.7	73.7	71.0	68.3	66.3	63.6	61.6	58.9
0.0	0.0	15°	135.9	129.2	121.9	113.2	103.8	95.1	85.7	80.4	74.3
0.0	0.0	17.5°	347.6	312.7	277.2	248.5	219.7	191.5	162.7	142.0	121.2
0.0	0.0	20°	884.7	788.2	691.8	596.7	500.9	405.8	310.1	261.8	213.6
0.0	0.0	22.5°	1664.8	1486.0	1306.6	1133.1	959.0	785.5	612.1	502.9	394.4
0.0	0.0	25°	2569.6	2344.6	2119.5	1834.3	1548.3	1263.0	977.7	800.3	622.8
0.0	0.0	27.5°	3343.7	3084.6	2825.4	2478.5	2131.6	1784.7	1437.8	1173.3	909.4
0.0	0.0	30°	4014.1	3735.5	3456.9	3053.1	2649.3	2245.5	1841.6	1510.8	1180.0
0.0	0.0	32.5°	4595.4	4261.9	3928.4	3511.8	3095.3	2678.7	2262.2	1856.4	1450.5
0.0	0.0	35°	5265.7	4876.6	4486.9	4024.8	3562.0	3100.0	2637.9	2179.8	1721.1
0.0	0.0	37.5°	6117.6	5640.1	5161.9	4646.9	4131.9	3617.6	3102.6	2579.0	2055.3
0.0	0.0	40°	7748.2	7132.1	6516.0	5861.7	5206.8	4552.5	3898.2	3255.3	2612.4
0.0	0.0	42.5°	10670.1	9837.7	9005.2	8134.7	7263.4	6392.8	5521.5	4614.8	3707.4
0.0	0.0	45°	13967.6	12934.9	11901.6	10924.6	9946.8	8969.7	7992.7	6748.4	5504.1
0.0	0.0	47.5°	15822.0	14706.9	13591.9	12667.1	11742.2	10817.4	9892.6	8551.2	7209.8
0.0	0.0	50°	16504.4	15369.2	14234.1	13383.0	12531.1	11680.0	10828.1	9484.7	8140.7
0.0	0.0	52.5°	16649.7	15491.8	14333.9	13477.4	12620.9	11765.0	10908.5	9573.8	8239.1
0.0	0.0	55°	16948.4	15706.1	14463.2	13486.8	12510.4	11534.0	10557.6	9201.5	7845.3
0.0	0.0	57.5°	17338.8	16065.0	14791.3	13679.0	12566.6	11454.9	10342.6	8859.9	7377.2
0.0	0.0	60°	17236.3	16128.0	15019.0	13827.6	12635.6	11444.2	10252.2	8621.5	6990.2
0.0	0.0	62.5°	15457.6	14575.0	13691.7	12711.9	11731.5	10751.8	9772.0	8093.1	6414.2
0.0	0.0	65°	12716.6	12072.4	11428.2	10639.9	9851.1	9062.8	8274.6	6769.2	5264.4
0.0	0.0	67.5°	10306.4	9580.5	8853.9	8225.7	7596.9	6968.7	6339.9	5155.2	3970.6
		70°	8188.2	7398.7	6608.4	5995.0	5380.9	4767.5	4154.0	3366.5	2579.6
		72.5°	6502.6	5790.8	5078.9	4424.6	3769.7	3115.4	2460.4	1995.0	1529.6
		75°	3108.0	2823.4	2538.8	2196.6	1854.4	1512.1	1169.9	967.0	764.8
		77.5°	1151.9	998.5	844.5	705.2	565.9	427.3	288.0	263.9	239.7
		80°	298.0	259.8	221.0	193.5	165.4	138.0	110.5	99.8	89.7
		82.5°	34.2	31.5	29.5	28.1	26.1	24.8	22.8	20.8	18.8
		85°	2.0	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



REPORT NUMBER: P1049326
CATALOG NUMBER: GALN-SA3B-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049326

CATALOG NUMBER: GALN-SA3B-930-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	38.8	38.8
0.0	0.0	2.5°	36.2	35.5
0.0	0.0	5°	38.2	37.5
0.0	0.0	7.5°	42.2	40.9
0.0	0.0	10°	46.2	44.9
0.0	0.0	12.5°	52.2	50.2
0.0	0.0	15°	58.9	54.9
0.0	0.0	17.5°	70.3	61.6
0.0	0.0	20°	95.1	73.0
0.0	0.0	22.5°	133.9	91.1
0.0	0.0	25°	196.9	125.9
0.0	0.0	27.5°	273.9	167.4
0.0	0.0	30°	364.3	209.6
0.0	0.0	32.5°	444.0	249.8
0.0	0.0	35°	547.8	290.6
0.0	0.0	37.5°	675.7	342.9
0.0	0.0	40°	873.9	421.9
0.0	0.0	42.5°	1230.9	567.9
0.0	0.0	45°	1999.0	981.8
0.0	0.0	47.5°	3075.9	1624.0
0.0	0.0	50°	3763.0	2072.7
0.0	0.0	52.5°	3819.2	2069.3
0.0	0.0	55°	3486.4	1839.6
0.0	0.0	57.5°	2974.7	1537.6
0.0	0.0	60°	2472.5	1216.1
0.0	0.0	62.5°	1948.1	839.8
0.0	0.0	65°	1423.7	594.0
0.0	0.0	67.5°	1022.6	444.0
		70°	672.4	340.2
		72.5°	438.0	277.2
		75°	294.7	229.7
		77.5°	172.1	152.7
		80°	60.9	53.6
		82.5°	11.4	8.0
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049326

CATALOG NUMBER: GALN-SA3B-930-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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

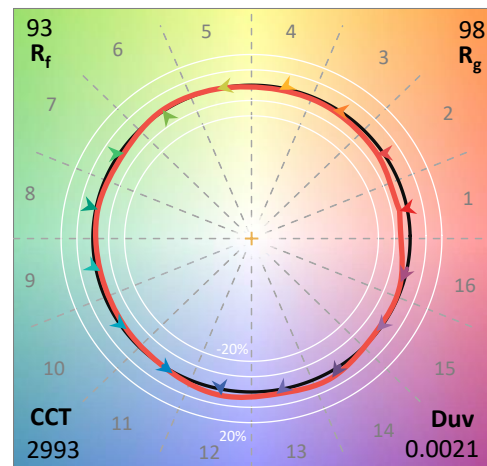
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-14
 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-930-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2993
 CIE u' : 0.2501
 CIE v' : 0.5245
 Duv: 0.0021
 CIE x: 0.4406
 CIE y: 0.4107
 CIE z: 0.1487
 Peak Wavelength (nm): 621
 Dominant Wavelength (nm): 582
 Purity: 55.53327
 R_f: 92.6
 R_g: 98.5

CRI (Ra): 92.4
 R1: 92.2
 R2: 95.2
 R3: 97.0
 R4: 93.1
 R5: 91.7
 R6: 94.2
 R7: 93.3
 R8: 82.3
 R9: 58.2
 R10: 87.7
 R11: 93.5
 R12: 81.7
 R13: 92.9
 R14: 97.6
 R15: 88.1



Test Conditions

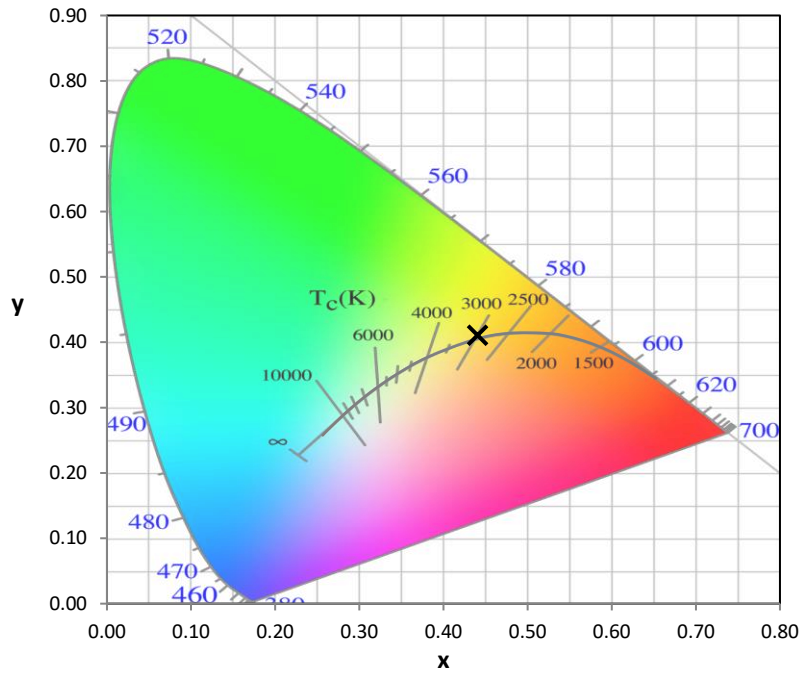
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

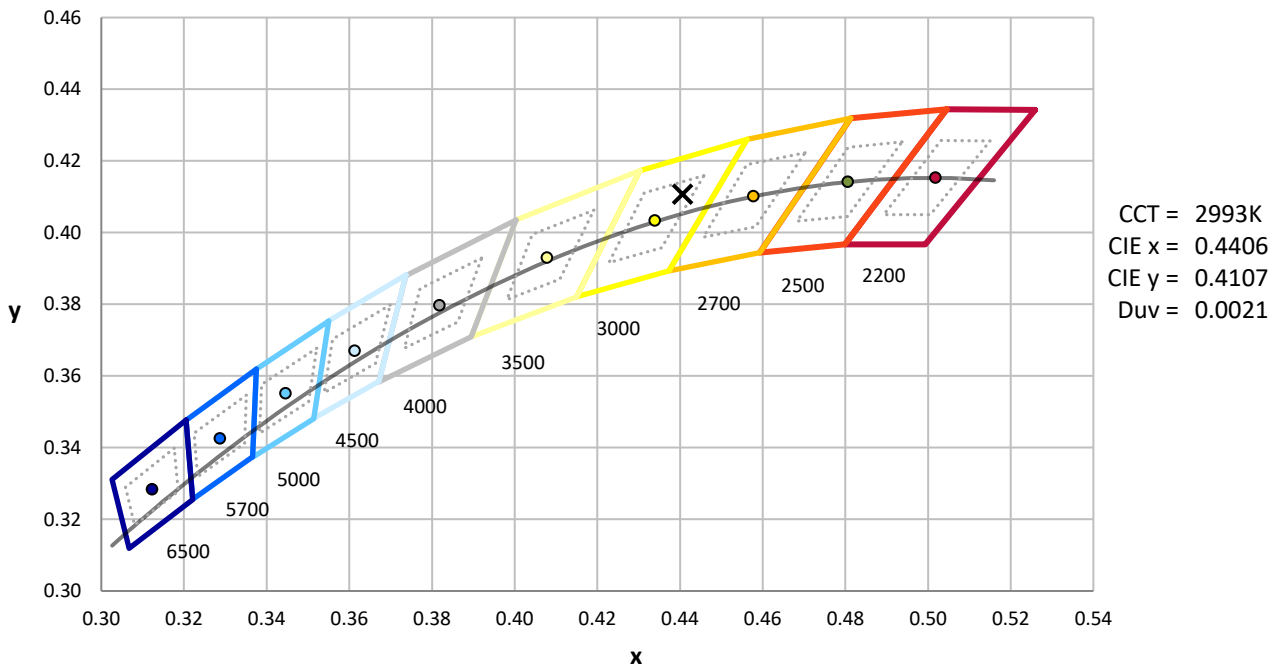
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



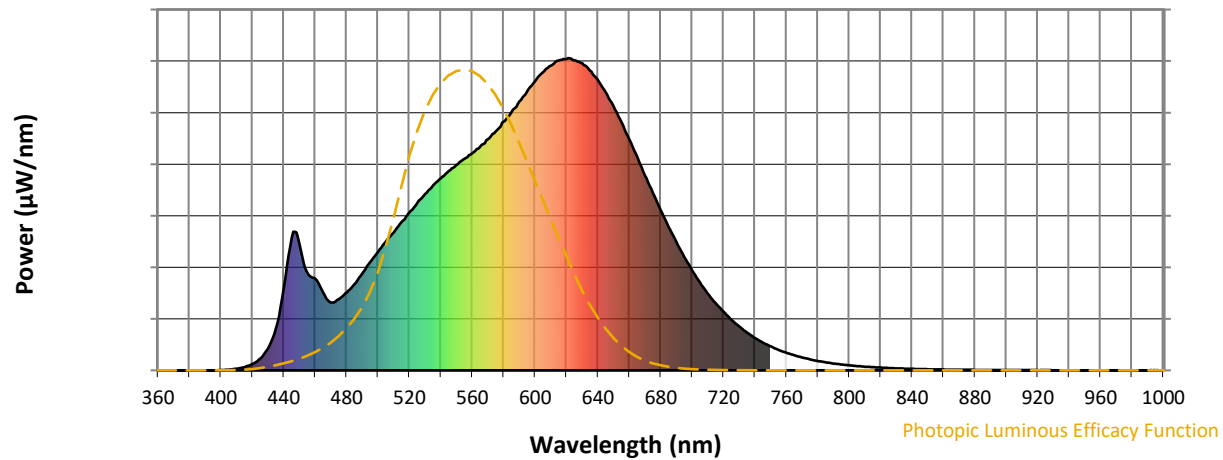
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

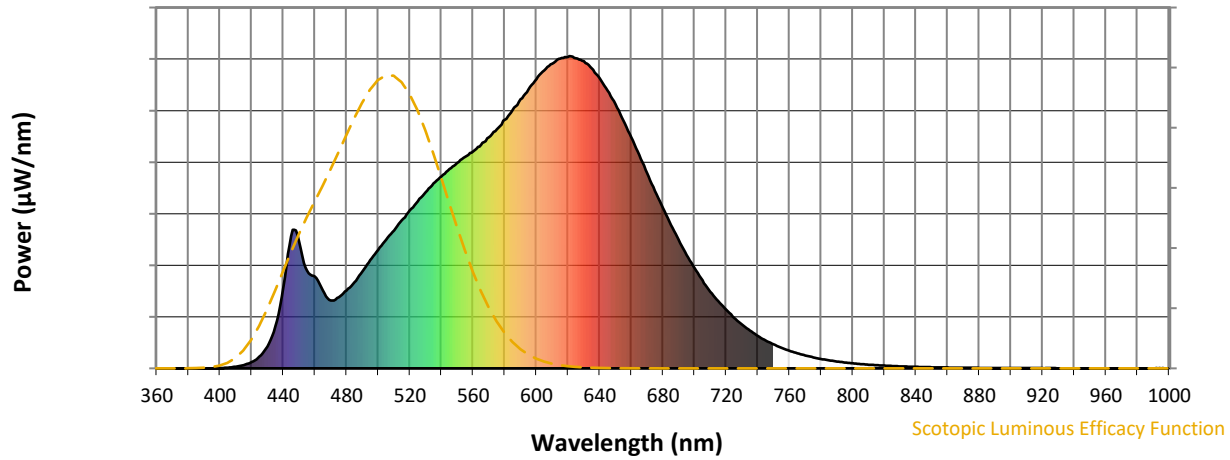


Photopic Lumens: NR

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength



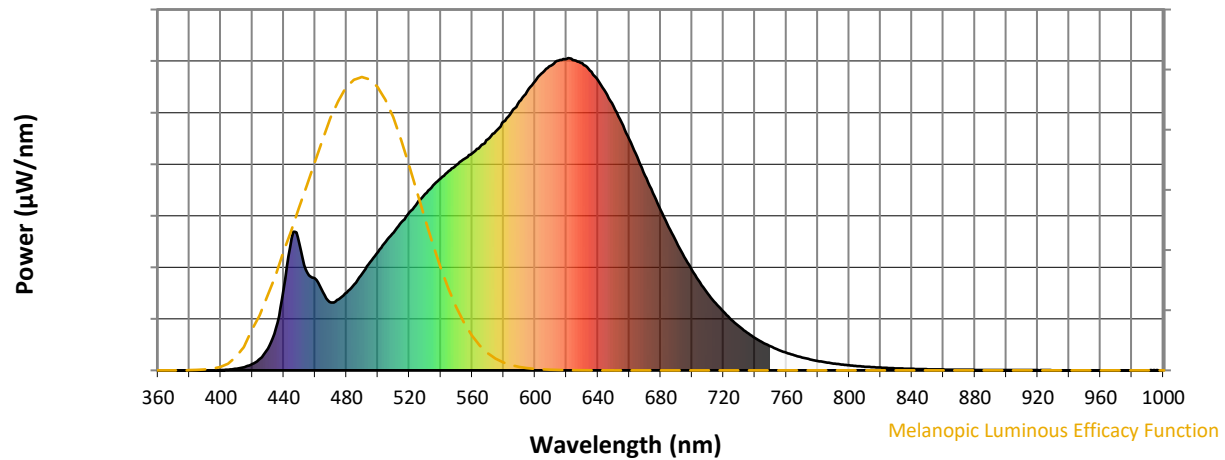
Scotopic Lumens: NR

S/P: 1.39

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.69

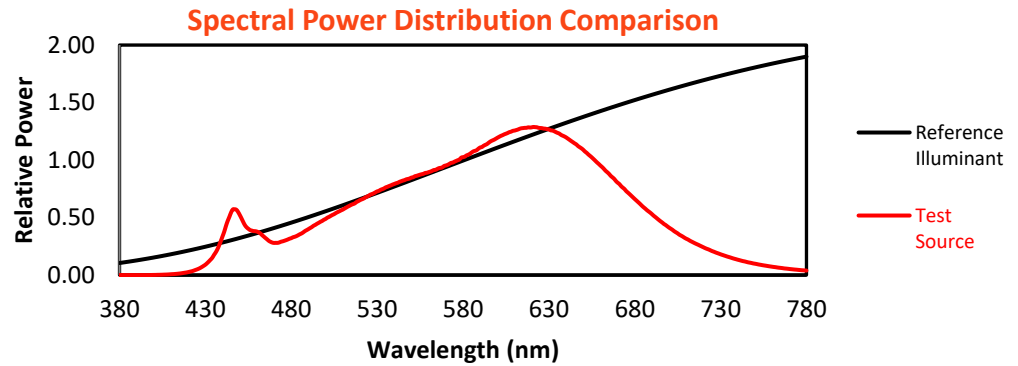
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

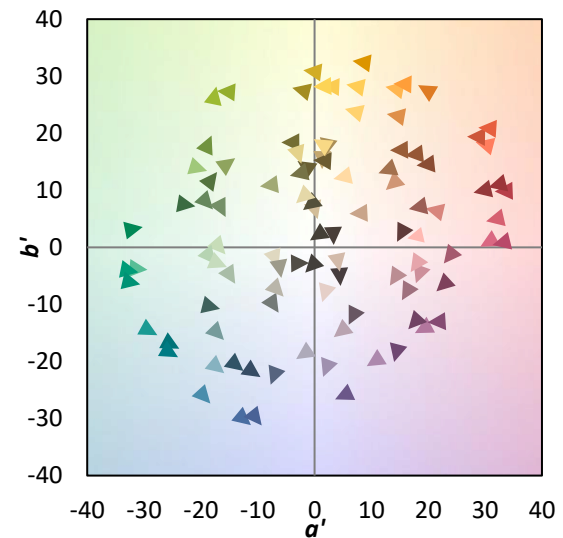
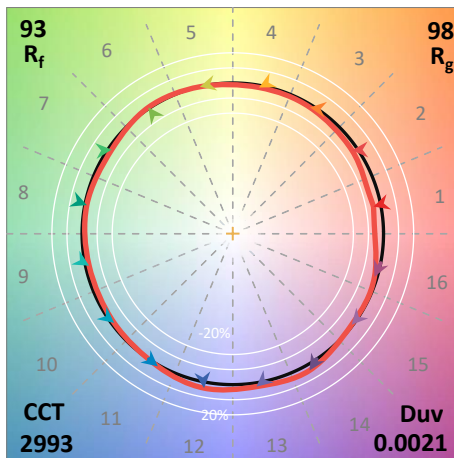
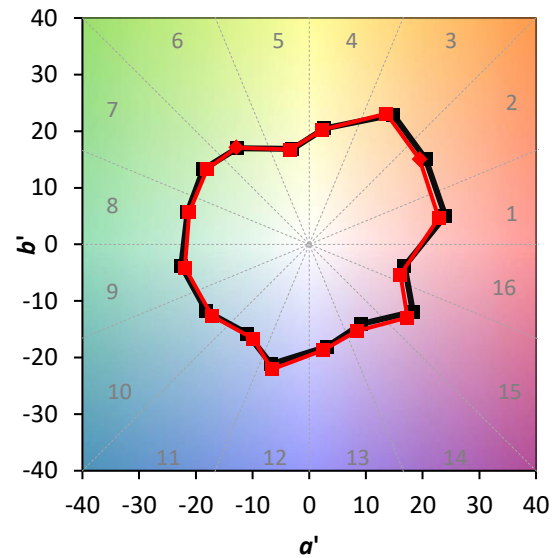
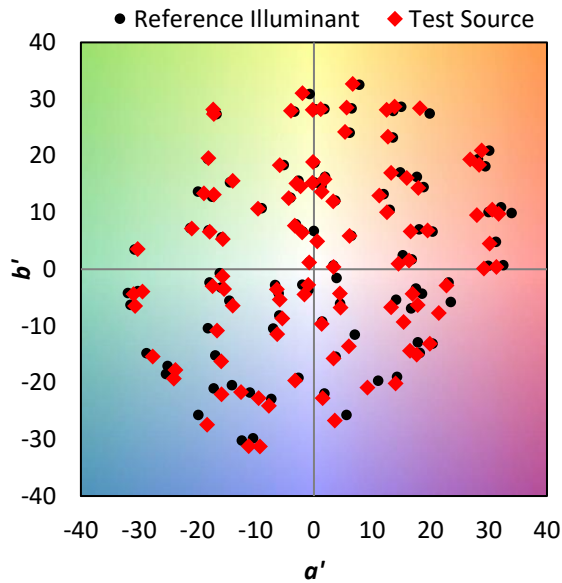
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $\text{CIE } R_a = 92.4$
 $R_9 = 58.2$

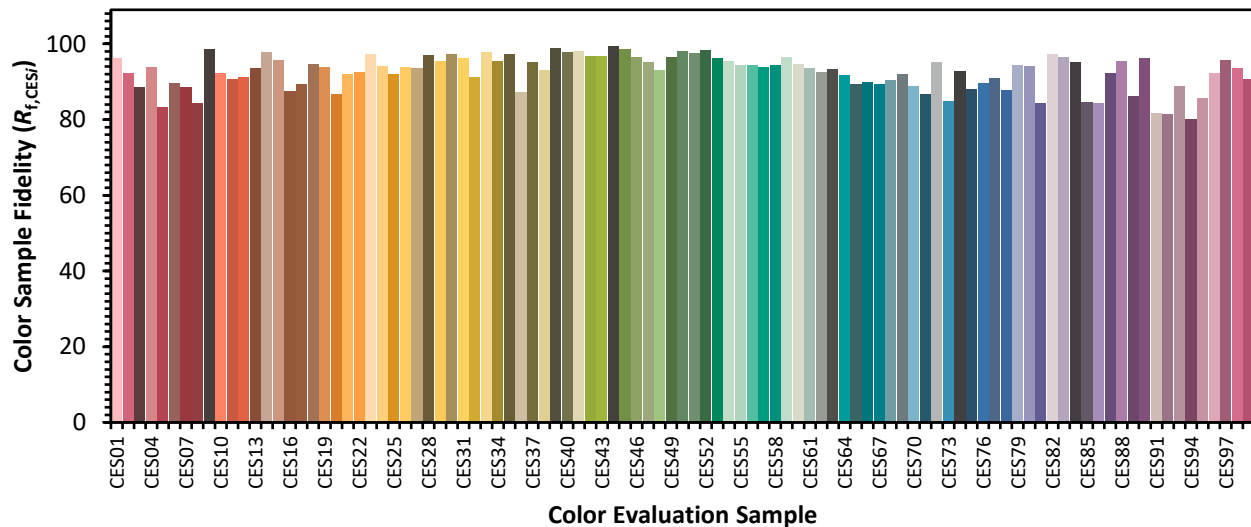


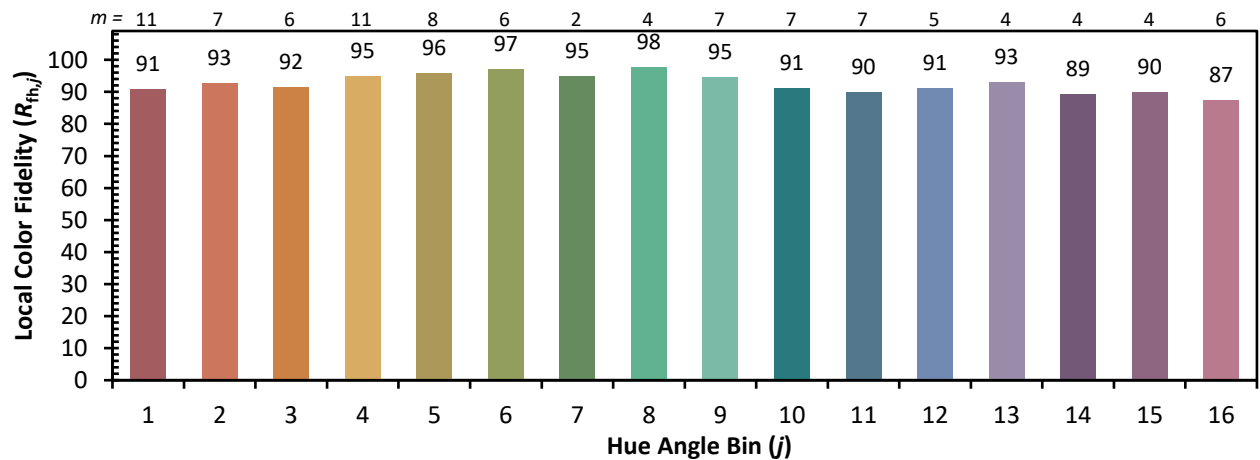
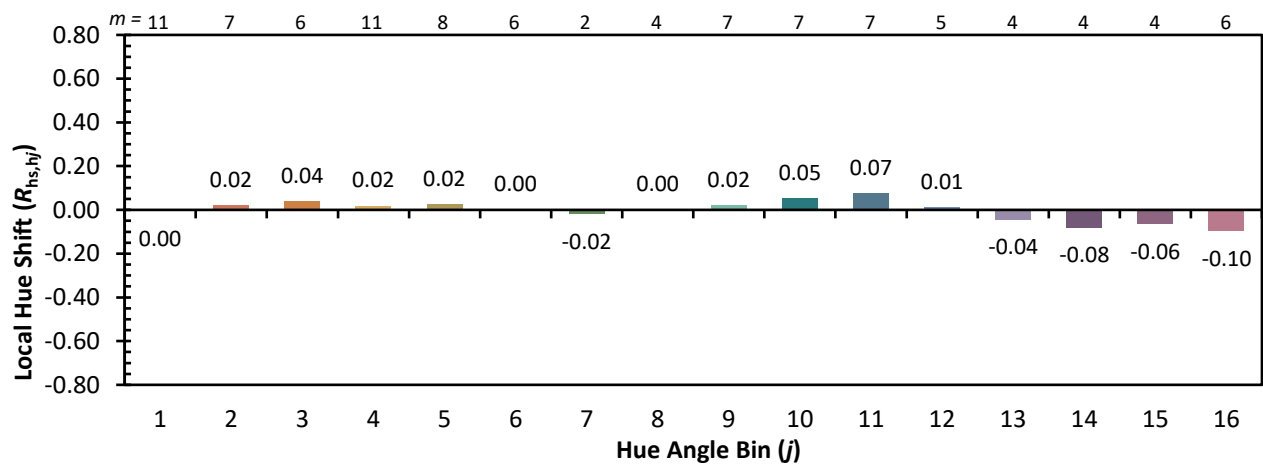
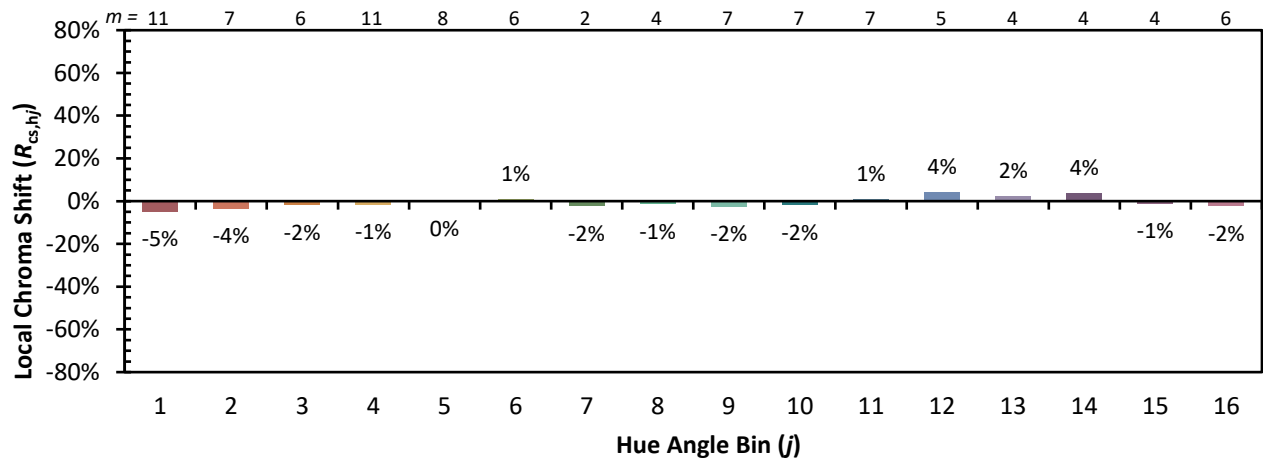
Color Vector Graphics



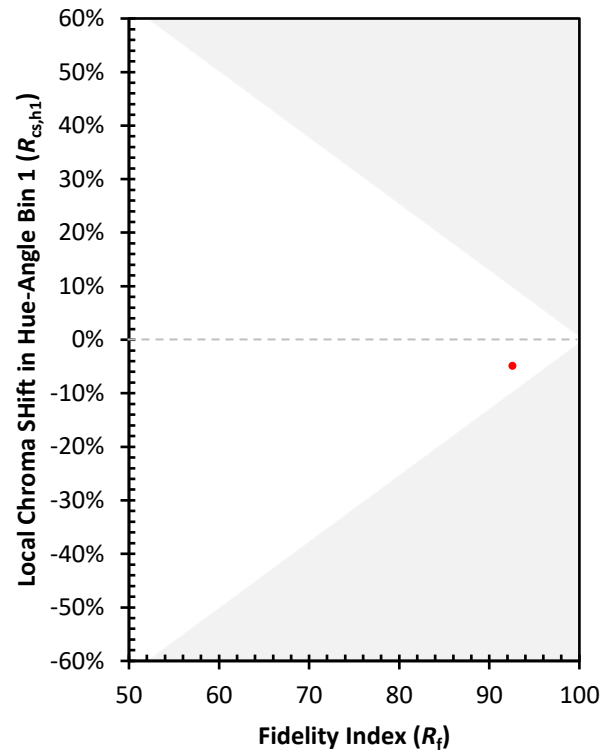
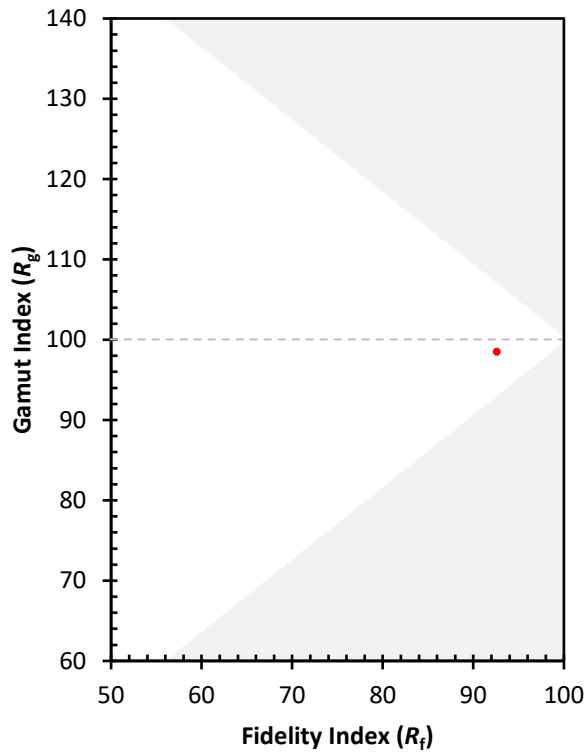
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)