

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: P1049410

Luminaire Tested: **GALN-SA6B-940-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049410
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6B-940-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 6xLight Square PACKAGE
90CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (84) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17803.3 lumens
Efficiency: N/A
Efficacy: 83.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

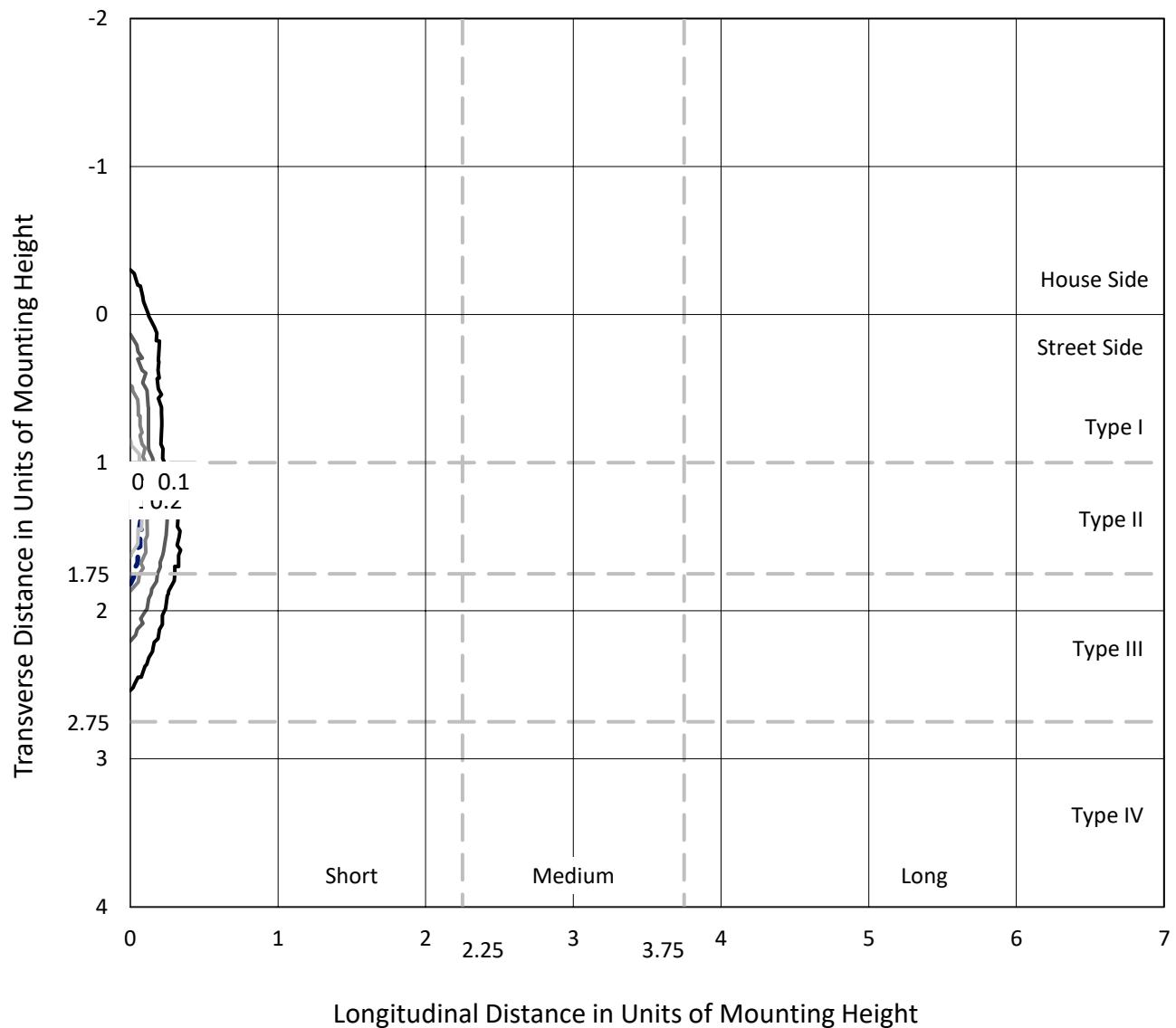
Input Watts (W): 213.8
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

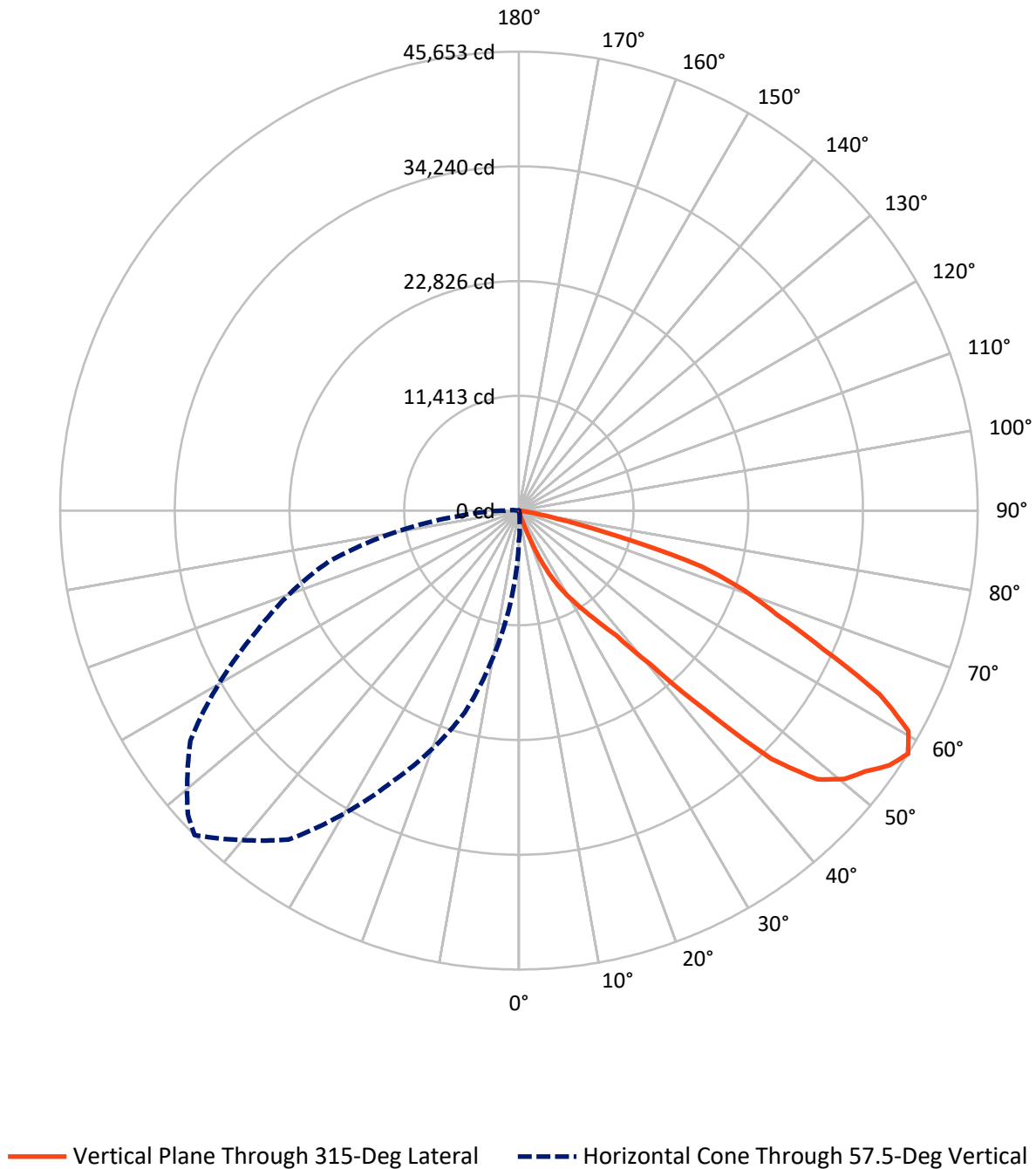
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.6 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	89.1	0.0	89.1
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	17714.2	0.0	17714.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	17803.3	0.0	17803.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.0	0.0
10°-20°	39.1	0.2
20°-30°	421.9	2.4
30°-40°	1247.7	7.0
40°-50°	3718.4	20.9
50°-60°	5896.0	33.1
60°-70°	4921.8	27.6
70°-80°	1517.7	8.5
80°-90°	33.7	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	17803.3	100.0
0°-180°	17803.3	100.0

Coefficient of Utilization



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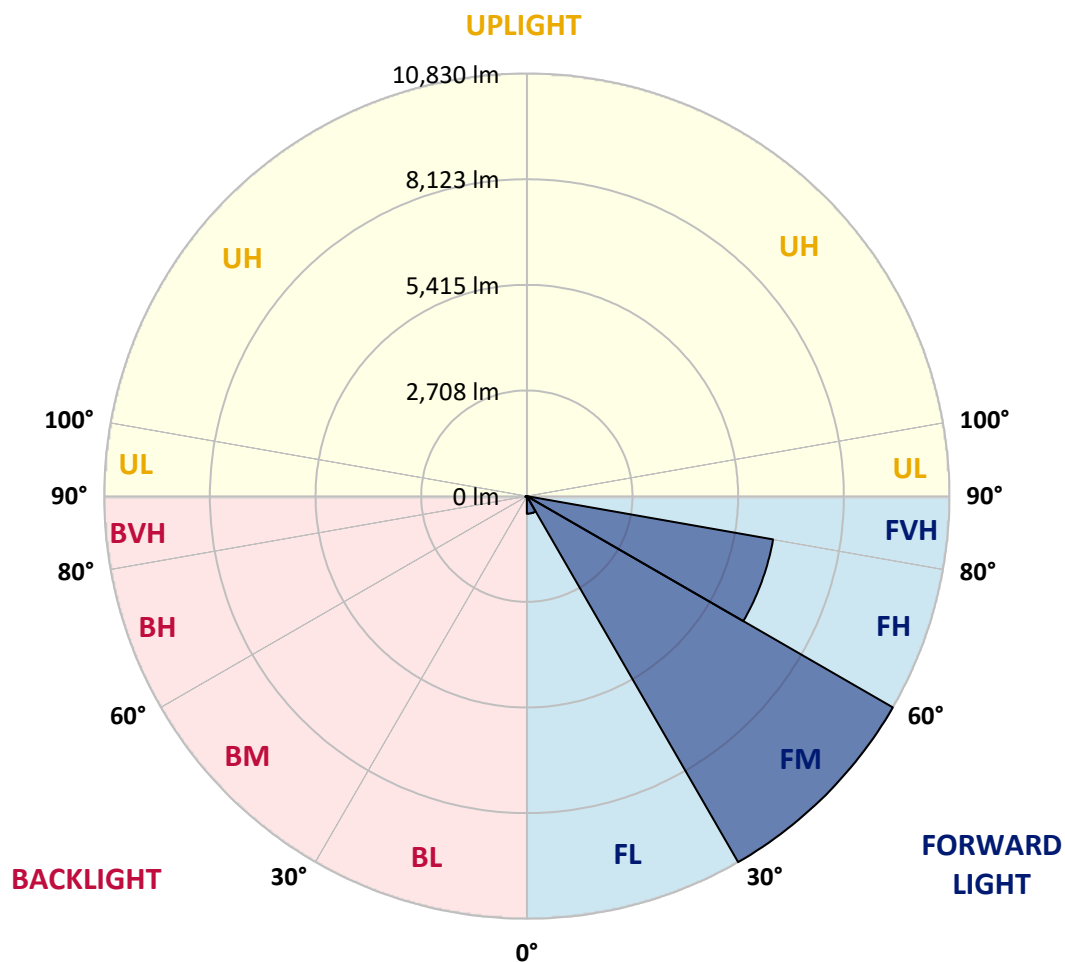
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	451.6	2.5			
FM	(30°-60°)	10830.2	60.8			
FH	(60°-80°)	6406.2	36.0			G3/7500
FVH	(80°-90°)	26.1	0.1			G1/100
BL	(0°-30°)	16.4	0.1	B0/110		
BM	(30°-60°)	31.9	0.2	B0/220		
BH	(60°-80°)	33.3	0.2	B0/110		G0/110
BVH	(80°-90°)	7.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
2.5°	71.3	71.3	71.3	71.3	70.0	70.0	68.6	68.6	67.3	67.3
5°	75.3	75.3	74.0	72.7	72.7	71.3	70.0	68.6	68.6	67.3
7.5°	82.1	80.7	79.4	78.0	75.3	74.0	71.3	70.0	68.6	65.9
10°	90.1	87.4	84.8	82.1	79.4	76.7	74.0	72.7	70.0	68.6
12.5°	100.9	96.9	91.5	87.4	84.8	80.7	78.0	75.3	71.3	68.6
15°	110.3	104.9	98.2	92.8	88.8	83.4	79.4	75.3	72.7	68.6
17.5°	123.8	114.4	103.6	96.9	91.5	84.8	78.0	74.0	70.0	64.6
20°	146.6	127.8	107.6	99.6	91.5	83.4	75.3	70.0	65.9	60.5
22.5°	183.0	150.7	118.4	106.3	95.5	83.4	72.7	67.3	61.9	56.5
25°	252.9	195.1	137.2	121.1	104.9	88.8	72.7	65.9	60.5	53.8
27.5°	336.3	250.2	162.8	139.9	118.4	95.5	72.7	64.6	57.9	49.8
30°	421.1	306.7	191.0	161.4	131.8	102.2	72.7	63.2	55.2	45.7
32.5°	501.8	359.2	215.3	180.3	145.3	109.0	74.0	63.2	52.5	41.7
35°	583.9	402.3	219.3	183.0	146.6	109.0	72.7	60.5	49.8	37.7
37.5°	688.8	450.7	211.2	174.9	139.9	103.6	68.6	57.9	47.1	35.0
40°	847.6	531.4	215.3	177.6	139.9	102.2	64.6	53.8	44.4	33.6
42.5°	1140.9	687.5	232.8	189.7	146.6	102.2	59.2	49.8	41.7	32.3
45°	1972.3	1142.2	312.1	247.6	183.0	118.4	53.8	45.7	39.0	30.9
47.5°	3262.5	1911.8	561.0	433.2	306.7	178.9	52.5	45.7	39.0	30.9
50°	4164.0	2435.1	706.3	543.5	380.7	218.0	55.2	47.1	40.4	32.3
52.5°	4157.2	2472.8	787.0	604.1	422.4	239.5	57.9	49.8	43.1	35.0
55°	3695.8	2249.5	801.8	616.2	431.9	246.2	61.9	53.8	45.7	37.7
57.5°	3089.0	1910.4	731.9	566.4	402.3	236.8	71.3	61.9	53.8	44.4
60°	2443.2	1506.8	570.4	450.7	332.3	212.6	94.2	82.1	71.3	59.2
62.5°	1687.1	1092.4	497.8	399.6	302.7	204.5	107.6	95.5	84.8	72.7
65°	1193.4	822.0	449.4	365.9	283.9	200.5	117.0	103.6	91.5	78.0
67.5°	892.0	653.9	414.4	343.1	271.8	200.5	129.2	113.0	98.2	82.1
70°	683.5	536.8	388.8	331.0	274.5	216.6	158.8	135.9	114.4	91.5
72.5°	557.0	458.8	359.2	317.5	275.8	234.1	192.4	162.8	133.2	102.2
75°	461.5	392.9	324.2	289.3	255.6	220.6	185.7	158.8	133.2	106.3
77.5°	306.7	279.8	251.6	231.4	211.2	189.7	169.5	146.6	125.1	102.2
80°	107.6	103.6	99.6	107.6	115.7	123.8	131.8	115.7	100.9	84.8
82.5°	16.1	14.8	13.5	14.8	16.1	17.5	18.8	20.2	21.5	22.9
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°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	65.9	65.9	64.6	64.6	64.6	63.2	63.2	61.9	61.9	61.9
0.0	5°	64.6	64.6	63.2	61.9	60.5	60.5	59.2	57.9	57.9	56.5
0.0	7.5°	63.2	61.9	60.5	59.2	57.9	56.5	55.2	53.8	53.8	52.5
0.0	10°	64.6	61.9	60.5	57.9	56.5	55.2	52.5	51.1	49.8	49.8
0.0	12.5°	61.9	60.5	57.9	55.2	53.8	51.1	49.8	47.1	45.7	45.7
0.0	15°	61.9	59.2	55.2	52.5	49.8	48.4	45.7	43.1	41.7	40.4
0.0	17.5°	57.9	55.2	51.1	48.4	45.7	43.1	40.4	37.7	36.3	35.0
0.0	20°	52.5	49.8	45.7	41.7	39.0	36.3	33.6	30.9	29.6	28.3
0.0	22.5°	47.1	44.4	40.4	36.3	33.6	30.9	26.9	24.2	22.9	20.2
0.0	25°	44.4	40.4	36.3	32.3	28.3	25.6	21.5	17.5	14.8	12.1
0.0	27.5°	37.7	33.6	29.6	25.6	21.5	17.5	13.5	9.4	6.7	5.4
0.0	30°	32.3	28.3	24.2	20.2	14.8	10.8	6.7	1.3	1.3	1.3
0.0	32.5°	26.9	22.9	17.5	13.5	10.8	6.7	4.0	0.0	0.0	0.0
0.0	35°	21.5	17.5	12.1	8.1	6.7	4.0	2.7	0.0	0.0	0.0
0.0	37.5°	18.8	14.8	9.4	4.0	2.7	2.7	1.3	0.0	0.0	0.0
0.0	40°	17.5	12.1	6.7	1.3	1.3	1.3	0.0	0.0	0.0	0.0
0.0	42.5°	17.5	12.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	17.5	12.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	17.5	12.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	18.8	13.5	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	21.5	16.1	10.8	5.4	4.0	2.7	1.3	0.0	0.0	0.0
0.0	55°	26.9	24.2	20.2	17.5	13.5	9.4	4.0	0.0	0.0	0.0
0.0	57.5°	35.0	35.0	33.6	32.3	24.2	16.1	8.1	0.0	0.0	0.0
0.0	60°	47.1	47.1	47.1	47.1	35.0	24.2	12.1	0.0	0.0	0.0
0.0	62.5°	57.9	55.2	51.1	48.4	36.3	24.2	12.1	0.0	0.0	0.0
0.0	65°	57.9	52.5	45.7	39.0	29.6	20.2	9.4	0.0	0.0	0.0
0.0	67.5°	53.8	43.1	30.9	20.2	14.8	10.8	5.4	0.0	0.0	0.0
	70°	53.8	37.7	21.5	5.4	4.0	2.7	1.3	0.0	0.0	0.0
	72.5°	53.8	36.3	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	59.2	40.4	20.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	59.2	40.4	20.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	52.5	35.0	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	17.5	12.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	60.5	60.5	60.5	59.2	59.2	59.2	59.2	57.9	57.9	57.9
0.0	5°	55.2	55.2	53.8	53.8	52.5	52.5	51.1	51.1	49.8	49.8
0.0	7.5°	51.1	49.8	49.8	48.4	47.1	47.1	45.7	45.7	44.4	43.1
0.0	10°	47.1	45.7	45.7	44.4	43.1	41.7	41.7	40.4	39.0	37.7
0.0	12.5°	43.1	41.7	40.4	39.0	37.7	36.3	36.3	35.0	33.6	32.3
0.0	15°	37.7	36.3	35.0	33.6	32.3	30.9	30.9	29.6	28.3	26.9
0.0	17.5°	32.3	30.9	30.9	29.6	28.3	26.9	25.6	22.9	21.5	20.2
0.0	20°	24.2	22.9	21.5	20.2	18.8	16.1	14.8	12.1	9.4	8.1
0.0	22.5°	16.1	13.5	12.1	9.4	6.7	5.4	4.0	1.3	0.0	0.0
0.0	25°	5.4	4.0	2.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA6B-940-U-RBC

[illegible]

REPORT NUMBER: P1049410

CATALOG NUMBER: GALN-SA6B-940-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	56.5	56.5	56.5	55.2	55.2	55.2	55.2	55.2	55.2	55.2
0.0	5°	48.4	48.4	48.4	47.1	47.1	45.7	45.7	45.7	44.4	44.4
0.0	7.5°	41.7	40.4	40.4	39.0	39.0	37.7	37.7	37.7	36.3	36.3
0.0	10°	35.0	33.6	33.6	32.3	32.3	30.9	30.9	29.6	29.6	28.3
0.0	12.5°	30.9	29.6	28.3	26.9	26.9	25.6	24.2	24.2	22.9	21.5
0.0	15°	24.2	22.9	21.5	20.2	18.8	17.5	16.1	16.1	14.8	13.5
0.0	17.5°	16.1	13.5	12.1	10.8	10.8	9.4	8.1	6.7	5.4	4.0
0.0	20°	4.0	2.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049410

CATALOG NUMBER: GALN-SA6B-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049410

CATALOG NUMBER: GALN-SA6B-940-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°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	55.2	53.8	53.8	53.8	55.2	55.2	55.2	55.2	55.2	55.2
0.0	5°	44.4	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
0.0	7.5°	36.3	35.0	35.0	35.0	35.0	33.6	33.6	33.6	33.6	33.6
0.0	10°	28.3	26.9	26.9	26.9	26.9	25.6	25.6	25.6	25.6	25.6
0.0	12.5°	20.2	20.2	18.8	18.8	18.8	17.5	17.5	17.5	17.5	16.1
0.0	15°	12.1	10.8	9.4	9.4	9.4	8.1	8.1	8.1	8.1	6.7
0.0	17.5°	2.7	2.7	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA6B-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049410

CATALOG NUMBER: GALN-SA6B-940-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	56.5	56.5	57.9	57.9	59.2	61.9	63.2	64.6	67.3	70.0
0.0	5°	44.4	45.7	45.7	47.1	48.4	49.8	51.1	52.5	55.2	57.9
0.0	7.5°	35.0	35.0	36.3	36.3	37.7	40.4	41.7	43.1	45.7	49.8
0.0	10°	26.9	26.9	28.3	28.3	29.6	32.3	33.6	35.0	37.7	41.7
0.0	12.5°	17.5	18.8	18.8	20.2	21.5	24.2	25.6	26.9	29.6	32.3
0.0	15°	8.1	9.4	9.4	10.8	12.1	14.8	16.1	17.5	20.2	24.2
0.0	17.5°	1.3	1.3	2.7	2.7	4.0	5.4	6.7	8.1	12.1	14.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	5.4
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
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



REPORT NUMBER: P1049410

CATALOG NUMBER: GALN-SA6B-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049410

CATALOG NUMBER: GALN-SA6B-940-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°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	74.0	76.7	79.4	82.1	84.8	87.4	88.8	91.5	92.8	94.2
0.0	5°	63.2	65.9	70.0	72.7	75.3	78.0	80.7	82.1	83.4	84.8
0.0	7.5°	55.2	57.9	61.9	64.6	67.3	70.0	72.7	75.3	76.7	78.0
0.0	10°	47.1	51.1	53.8	57.9	60.5	63.2	65.9	68.6	71.3	72.7
0.0	12.5°	37.7	41.7	45.7	48.4	52.5	56.5	59.2	61.9	64.6	67.3
0.0	15°	29.6	33.6	37.7	40.4	44.4	48.4	52.5	55.2	57.9	60.5
0.0	17.5°	21.5	25.6	29.6	32.3	36.3	40.4	43.1	47.1	49.8	52.5
0.0	20°	10.8	14.8	18.8	22.9	26.9	30.9	33.6	37.7	40.4	43.1
0.0	22.5°	1.3	5.4	9.4	12.1	16.1	20.2	22.9	26.9	29.6	32.3
0.0	25°	0.0	1.3	4.0	5.4	6.7	9.4	12.1	14.8	17.5	20.2
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.3	2.7	5.4	8.1	10.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	2.7
	85°	0.0	0.0	0.0	0.0	0.0	2.7	4.0	6.7	8.1	9.4
	87.5°	0.0	1.3	2.7	4.0	5.4	8.1	10.8	13.5	14.8	16.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049410

CATALOG NUMBER: GALN-SA6B-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
78.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	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											
1.3											
5.4											
12.1											
17.5											
0.0											
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REPORT NUMBER: P1049410

CATALOG NUMBER: GALN-SA6B-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	95.5	95.5	95.5	95.5	94.2	94.2	94.2	92.8	92.8	91.5
0.0	5°	87.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	87.4	87.4
0.0	7.5°	80.7	82.1	83.4	83.4	84.8	84.8	84.8	83.4	83.4	82.1
0.0	10°	76.7	78.0	78.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4
0.0	12.5°	71.3	72.7	74.0	74.0	75.3	75.3	75.3	75.3	74.0	74.0
0.0	15°	64.6	67.3	68.6	70.0	70.0	71.3	71.3	71.3	71.3	71.3
0.0	17.5°	59.2	61.9	63.2	64.6	64.6	65.9	65.9	67.3	67.3	67.3
0.0	20°	48.4	51.1	52.5	55.2	56.5	57.9	59.2	60.5	60.5	61.9
0.0	22.5°	37.7	40.4	41.7	44.4	45.7	47.1	48.4	49.8	51.1	52.5
0.0	25°	26.9	29.6	30.9	33.6	35.0	36.3	37.7	39.0	39.0	40.4
0.0	27.5°	14.8	17.5	20.2	21.5	24.2	25.6	26.9	28.3	29.6	30.9
0.0	30°	6.7	8.1	9.4	12.1	13.5	14.8	16.1	18.8	20.2	21.5
0.0	32.5°	0.0	0.0	1.3	4.0	5.4	6.7	8.1	9.4	9.4	10.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.7	4.0	5.4
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	2.7	2.7	2.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	82.5°	6.7	8.1	9.4	9.4	10.8	10.8	10.8	10.8	9.4	9.4
	85°	13.5	14.8	16.1	16.1	17.5	17.5	17.5	17.5	17.5	17.5
	87.5°	18.8	20.2	21.5	21.5	22.9	22.9	22.9	22.9	22.9	22.9
	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: P1049410

CATALOG NUMBER: GALN-SA6B-940-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
78.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
4.0											
9.4											
17.5											
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0.0											
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REPORT NUMBER: P1049410

CATALOG NUMBER: GALN-SA6B-940-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
0.0	0°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	90.1	90.1	88.8	88.8	88.8	88.8	88.8	90.1	91.5	91.5
0.0	5°	86.1	86.1	84.8	84.8	84.8	86.1	86.1	87.4	88.8	90.1
0.0	7.5°	82.1	80.7	80.7	82.1	82.1	83.4	83.4	84.8	86.1	87.4
0.0	10°	79.4	78.0	78.0	78.0	79.4	79.4	80.7	82.1	83.4	84.8
0.0	12.5°	74.0	74.0	74.0	74.0	75.3	75.3	76.7	78.0	80.7	82.1
0.0	15°	71.3	70.0	70.0	70.0	70.0	71.3	71.3	74.0	76.7	78.0
0.0	17.5°	65.9	65.9	64.6	64.6	65.9	65.9	67.3	70.0	72.7	74.0
0.0	20°	60.5	59.2	57.9	57.9	59.2	59.2	60.5	63.2	65.9	67.3
0.0	22.5°	52.5	51.1	51.1	51.1	51.1	52.5	52.5	55.2	59.2	61.9
0.0	25°	41.7	43.1	43.1	44.4	44.4	45.7	47.1	49.8	53.8	56.5
0.0	27.5°	32.3	33.6	33.6	36.3	37.7	39.0	40.4	44.4	48.4	51.1
0.0	30°	24.2	25.6	26.9	28.3	30.9	33.6	36.3	40.4	44.4	47.1
0.0	32.5°	14.8	17.5	18.8	21.5	24.2	26.9	29.6	33.6	39.0	43.1
0.0	35°	10.8	12.1	14.8	16.1	18.8	21.5	24.2	29.6	33.6	39.0
0.0	37.5°	5.4	8.1	10.8	13.5	16.1	18.8	21.5	26.9	32.3	36.3
0.0	40°	4.0	6.7	8.1	10.8	14.8	17.5	20.2	25.6	30.9	36.3
0.0	42.5°	2.7	4.0	5.4	9.4	12.1	16.1	20.2	25.6	30.9	36.3
0.0	45°	2.7	2.7	4.0	8.1	12.1	17.5	21.5	26.9	30.9	36.3
0.0	47.5°	2.7	4.0	5.4	10.8	13.5	17.5	21.5	25.6	30.9	35.0
0.0	50°	4.0	5.4	6.7	12.1	14.8	18.8	21.5	26.9	30.9	36.3
0.0	52.5°	2.7	4.0	5.4	10.8	14.8	20.2	24.2	29.6	35.0	39.0
0.0	55°	1.3	1.3	1.3	8.1	16.1	22.9	30.9	35.0	40.4	44.4
0.0	57.5°	0.0	0.0	0.0	5.4	16.1	25.6	35.0	40.4	45.7	49.8
0.0	60°	0.0	0.0	0.0	5.4	16.1	25.6	35.0	41.7	48.4	55.2
0.0	62.5°	0.0	0.0	0.0	5.4	13.5	21.5	29.6	40.4	52.5	63.2
0.0	65°	0.0	0.0	0.0	4.0	10.8	17.5	24.2	40.4	56.5	71.3
0.0	67.5°	0.0	0.0	0.0	4.0	10.8	16.1	22.9	40.4	56.5	74.0
	70°	0.0	0.0	0.0	4.0	10.8	17.5	24.2	40.4	56.5	72.7
	72.5°	0.0	0.0	0.0	4.0	12.1	18.8	26.9	40.4	53.8	67.3
	75°	0.0	0.0	0.0	5.4	12.1	20.2	28.3	40.4	52.5	63.2
	77.5°	0.0	0.0	0.0	4.0	12.1	18.8	26.9	39.0	51.1	61.9
	80°	4.0	2.7	2.7	6.7	12.1	17.5	22.9	35.0	48.4	60.5
	82.5°	8.1	8.1	6.7	9.4	12.1	16.1	20.2	30.9	43.1	53.8
	85°	16.1	16.1	14.8	16.1	16.1	17.5	18.8	24.2	29.6	35.0
	87.5°	21.5	21.5	20.2	20.2	20.2	18.8	18.8	18.8	18.8	17.5
	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: P1049410

CATALOG NUMBER: GALN-SA6B-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
78.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.8											
80.7											
75.3											
74.0											
72.7											
64.6											
40.4											
17.5											
0.0											
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REPORT NUMBER: P1049410

CATALOG NUMBER: GALN-SA6B-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	94.2	95.5	95.5	96.9	98.2	99.6	99.6	100.9	100.9	100.9
0.0	5°	92.8	95.5	96.9	98.2	99.6	100.9	102.2	103.6	104.9	104.9
0.0	7.5°	91.5	92.8	95.5	96.9	99.6	100.9	103.6	104.9	106.3	107.6
0.0	10°	88.8	91.5	94.2	96.9	99.6	102.2	104.9	107.6	110.3	111.7
0.0	12.5°	86.1	90.1	92.8	95.5	99.6	103.6	106.3	110.3	113.0	115.7
0.0	15°	84.8	87.4	91.5	94.2	99.6	104.9	109.0	114.4	119.7	123.8
0.0	17.5°	80.7	86.1	90.1	94.2	99.6	106.3	111.7	117.0	125.1	133.2
0.0	20°	75.3	79.4	84.8	88.8	96.9	103.6	111.7	118.4	130.5	142.6
0.0	22.5°	70.0	75.3	79.4	84.8	94.2	102.2	111.7	119.7	139.9	158.8
0.0	25°	64.6	71.3	76.7	82.1	92.8	103.6	114.4	125.1	158.8	192.4
0.0	27.5°	61.9	67.3	74.0	79.4	92.8	107.6	121.1	134.5	188.4	240.8
0.0	30°	57.9	64.6	70.0	76.7	94.2	111.7	129.2	146.6	228.7	310.8
0.0	32.5°	53.8	60.5	67.3	74.0	96.9	119.7	141.3	164.1	271.8	378.1
0.0	35°	49.8	57.9	64.6	71.3	100.9	131.8	161.4	191.0	310.8	429.2
0.0	37.5°	48.4	56.5	63.2	70.0	102.2	133.2	165.5	196.4	314.8	433.2
0.0	40°	49.8	56.5	64.6	71.3	98.2	125.1	150.7	177.6	301.4	423.8
0.0	42.5°	49.8	57.9	65.9	74.0	95.5	117.0	138.6	160.1	297.3	434.6
0.0	45°	48.4	56.5	64.6	72.7	92.8	111.7	131.8	150.7	321.5	491.1
0.0	47.5°	47.1	55.2	63.2	71.3	91.5	111.7	131.8	152.0	415.7	678.1
0.0	50°	47.1	55.2	61.9	68.6	92.8	118.4	142.6	166.8	605.4	1042.7
0.0	52.5°	49.8	56.5	61.9	67.3	95.5	125.1	153.4	181.6	769.6	1356.1
0.0	55°	53.8	57.9	63.2	67.3	102.2	135.9	170.9	204.5	819.3	1434.2
0.0	57.5°	59.2	63.2	67.3	71.3	114.4	157.4	199.1	242.2	823.4	1403.2
0.0	60°	65.9	71.3	75.3	79.4	125.1	172.2	218.0	263.7	745.3	1225.6
0.0	62.5°	80.7	87.4	92.8	99.6	144.0	187.0	231.4	274.5	618.9	963.3
0.0	65°	92.8	98.2	103.6	109.0	152.0	196.4	239.5	282.5	524.7	766.9
0.0	67.5°	95.5	100.9	104.9	110.3	154.7	199.1	242.2	286.6	449.4	610.8
	70°	96.9	103.6	111.7	118.4	164.1	209.9	254.3	300.0	398.2	496.4
	72.5°	92.8	106.3	118.4	130.5	173.6	215.3	258.3	300.0	370.0	439.9
	75°	92.8	111.7	129.2	146.6	178.9	209.9	242.2	273.1	326.9	380.7
	77.5°	98.2	122.4	146.6	170.9	189.7	207.2	226.0	243.5	278.5	313.5
	80°	98.2	123.8	148.0	173.6	181.6	191.0	199.1	207.2	211.2	215.3
	82.5°	84.8	104.9	125.1	145.3	135.9	126.5	117.0	107.6	100.9	92.8
	85°	43.1	47.1	49.8	52.5	48.4	44.4	40.4	36.3	33.6	29.6
	87.5°	17.5	17.5	16.1	16.1	16.1	16.1	14.8	14.8	14.8	14.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049410

CATALOG NUMBER: GALN-SA6B-940-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
78.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
211.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
286.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
398.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
539.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
674.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
765.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
834.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
902.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1037.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1306.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1991.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3050.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3839.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3927.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3543.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3029.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2367.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1789.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1321.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
935.0											
695.6											
505.9											
380.7											
213.9											
96.9											
28.3											
13.5											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1049410

CATALOG NUMBER: GALN-SA6B-940-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	100.9	99.6	99.6	98.2	96.9	95.5	94.2	92.8	91.5	90.1
0.0	5°	104.9	104.9	104.9	103.6	103.6	102.2	102.2	100.9	99.6	98.2
0.0	7.5°	109.0	110.3	110.3	111.7	111.7	111.7	111.7	110.3	110.3	110.3
0.0	10°	115.7	117.0	118.4	119.7	121.1	122.4	122.4	123.8	123.8	123.8
0.0	12.5°	123.8	127.8	130.5	134.5	137.2	141.3	144.0	148.0	150.7	153.4
0.0	15°	135.9	142.6	150.7	157.4	164.1	173.6	184.3	193.7	203.2	218.0
0.0	17.5°	153.4	174.9	196.4	216.6	238.1	285.2	332.3	378.1	425.1	493.8
0.0	20°	187.0	251.6	314.8	379.4	442.6	608.1	772.2	937.7	1101.9	1278.1
0.0	22.5°	262.3	421.1	579.9	738.6	897.4	1243.1	1587.5	1933.3	2277.7	2682.7
0.0	25°	380.7	672.7	964.6	1255.2	1547.2	2088.0	2630.2	3171.1	3711.9	4238.0
0.0	27.5°	554.3	1001.0	1447.6	1893.0	2339.6	3072.9	3807.4	4540.7	5273.9	5868.6
0.0	30°	768.2	1373.6	1979.1	2584.5	3189.9	4024.0	4858.2	5691.0	6525.1	7174.9
0.0	32.5°	970.0	1711.3	2452.6	3192.6	3933.9	4883.7	5834.9	6784.8	7734.6	8445.0
0.0	35°	1101.9	1997.9	2895.3	3791.3	4687.3	5715.2	6743.1	7769.6	8797.4	9608.7
0.0	37.5°	1233.7	2268.3	3301.6	4336.2	5369.4	6498.2	7627.0	8755.7	9884.5	10886.8
0.0	40°	1381.7	2595.2	3807.4	5021.0	6233.2	7570.5	8906.4	10243.7	11579.7	12993.7
0.0	42.5°	1638.7	3137.4	4637.5	6136.3	7635.0	9404.2	11173.4	12941.2	14710.4	16728.5
0.0	45°	2121.7	4233.9	6347.5	8459.8	10572.0	12915.7	15260.7	17604.3	19948.0	22633.3
0.0	47.5°	3304.3	6210.3	9115.0	12021.0	14925.7	17456.3	19985.6	22516.3	25045.6	27720.2
0.0	50°	5055.9	8438.2	11820.5	15201.5	18583.8	20873.6	23162.1	25451.9	27740.4	30284.5
0.0	52.5°	6323.3	9846.8	13371.7	16895.3	20418.9	22485.4	24553.2	26619.7	28686.2	31063.5
0.0	55°	6418.8	9922.2	13426.9	16930.3	20433.7	22509.6	24585.5	26661.4	28737.3	31257.2
0.0	57.5°	5682.9	9158.0	12631.8	16106.9	19580.7	21944.5	24307.0	26670.8	29033.3	31757.7
0.0	60°	4834.0	8310.4	11785.5	15262.0	18737.1	21460.2	24184.6	26907.6	29630.7	32182.9
0.0	62.5°	3771.1	7347.1	10924.5	14500.5	18076.5	20841.3	23606.1	26369.5	29134.2	31048.7
0.0	65°	2810.5	6282.9	9755.4	13226.4	16698.9	18913.4	21127.9	23341.0	25555.5	26740.8
0.0	67.5°	2031.5	5026.3	8019.8	11014.6	14008.1	15593.0	17177.8	18761.3	20346.2	21253.0
	70°	1373.6	3448.2	5521.4	7596.0	9669.3	10971.6	12275.3	13577.6	14879.9	16104.2
	72.5°	951.2	2116.3	3282.7	4447.8	5612.9	6923.3	8232.4	9542.8	10851.8	12147.4
	75°	631.0	1161.1	1692.5	2222.6	2752.7	3722.7	4694.0	5664.1	6634.1	7406.3
	77.5°	448.0	606.8	766.9	925.6	1084.4	1266.0	1449.0	1630.6	1812.2	2088.0
	80°	212.6	232.8	252.9	271.8	291.9	357.9	423.8	489.7	555.6	625.6
	82.5°	100.9	109.0	117.0	123.8	131.8	138.6	145.3	152.0	158.8	152.0
	85°	26.9	26.9	28.3	28.3	28.3	28.3	28.3	28.3	28.3	26.9
	87.5°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	10.8	10.8	9.4
	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°
78.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
234.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
561.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1455.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3087.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4764.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6463.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7826.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9156.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10420.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11890.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14407.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18746.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25318.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30394.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32828.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33440.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33778.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34482.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34733.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32964.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27927.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22161.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17327.2											
13443.0											
8178.6											
2363.8											
695.6											
144.0											
25.6											
9.4											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	87.4	86.1	84.8	83.4	82.1	79.4	79.4	78.0	78.0
0.0	5°	95.5	94.2	92.8	91.5	91.5	90.1	88.8	88.8	87.4
0.0	7.5°	109.0	107.6	106.3	104.9	104.9	103.6	103.6	102.2	102.2
0.0	10°	125.1	125.1	125.1	125.1	125.1	123.8	123.8	123.8	122.4
0.0	12.5°	157.4	158.8	161.4	164.1	168.2	168.2	168.2	166.8	166.8
0.0	15°	248.9	263.7	274.5	285.2	294.6	316.2	313.5	309.4	306.7
0.0	17.5°	629.6	696.9	733.2	768.2	804.5	904.1	888.0	871.8	857.0
0.0	20°	1631.9	1808.2	1925.2	2042.3	2160.7	2347.7	2301.9	2256.2	2210.5
0.0	22.5°	3491.3	3896.2	4072.5	4248.7	4423.6	4649.6	4503.0	4356.3	4211.0
0.0	25°	5288.7	5814.7	6112.1	6409.4	6705.4	6834.5	6643.5	6451.1	6260.1
0.0	27.5°	7057.9	7652.5	7914.9	8175.9	8438.2	8708.7	8471.9	8233.7	7996.9
0.0	30°	8475.9	9125.7	9409.6	9692.1	9976.0	10164.4	9919.5	9673.3	9428.4
0.0	32.5°	9867.0	10577.4	10888.2	11199.0	11508.4	11778.8	11477.4	11174.7	10873.4
0.0	35°	11229.9	12041.2	12469.0	12896.8	13324.7	13576.2	13218.4	12859.2	12501.3
0.0	37.5°	12892.8	13895.1	14374.1	14853.0	15332.0	15790.7	15396.5	15001.0	14606.8
0.0	40°	15821.7	17235.7	17970.3	18706.2	19440.8	20032.7	19534.9	19037.1	18539.4
0.0	42.5°	20764.6	22782.7	23838.8	24893.6	25949.7	26874.0	26350.6	25827.3	25303.9
0.0	45°	28004.1	30689.5	31977.0	33263.2	34550.7	35226.1	34472.7	33717.9	32964.5
0.0	47.5°	33068.1	35742.7	36889.0	38035.3	39181.5	39952.4	39030.9	38109.3	37189.0
0.0	50°	35371.4	37915.5	39065.8	40214.8	41365.1	41977.2	40913.0	39847.5	38783.3
0.0	52.5°	35816.7	38194.0	39566.3	40940.0	42312.2	43130.2	41873.6	40615.7	39359.1
0.0	55°	36298.4	38818.3	40409.9	42002.8	43594.4	44727.2	43306.5	41884.4	40463.7
0.0	57.5°	37205.2	39929.6	41517.1	43103.3	44690.9	45652.8	44228.1	42802.0	41377.2
0.0	60°	37285.9	39836.7	41201.0	42566.5	43930.7	44536.2	43173.3	41809.1	40446.2
0.0	62.5°	34879.0	36793.5	37740.6	38687.8	39634.9	40292.8	38870.8	37447.3	36025.3
0.0	65°	29112.7	30298.0	31052.7	31807.5	32562.3	33346.6	32044.3	30742.0	29439.6
0.0	67.5°	23067.9	23974.7	24968.9	25963.2	26957.4	27795.6	26752.9	25708.9	24666.2
	70°	18551.5	19774.4	20892.4	22010.4	23128.4	23814.6	22767.9	21719.8	20673.1
	72.5°	14738.7	16034.3	16967.9	17900.3	18834.0	19002.2	18232.6	17463.0	16694.8
	75°	8949.5	9721.7	9740.6	9758.1	9776.9	9937.0	9299.3	8661.6	8025.2
	77.5°	2639.6	2915.4	3142.8	3368.8	3596.2	3870.7	3636.6	3401.1	3167.0
	80°	764.2	834.1	893.3	951.2	1010.4	975.4	920.2	865.1	809.9
	82.5°	137.2	129.2	127.8	126.5	126.5	119.7	109.0	98.2	87.4
	85°	24.2	22.9	21.5	20.2	18.8	17.5	14.8	13.5	10.8
	87.5°	8.1	6.7	5.4	4.0	4.0	1.3	1.3	1.3	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: P1049410

CATALOG NUMBER: GALN-SA6B-940-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	0.0	2.5°	76.7	75.3	75.3	75.3	75.3	74.0	74.0	74.0	74.0
0.0	0.0	5°	84.8	84.8	83.4	83.4	82.1	82.1	80.7	80.7	79.4
0.0	0.0	7.5°	99.6	98.2	96.9	95.5	94.2	91.5	90.1	88.8	88.8
0.0	0.0	10°	119.7	117.0	115.7	113.0	111.7	109.0	106.3	103.6	100.9
0.0	0.0	12.5°	157.4	152.0	148.0	142.6	137.2	133.2	127.8	123.8	118.4
0.0	0.0	15°	273.1	259.7	244.9	227.4	208.5	191.0	172.2	161.4	149.3
0.0	0.0	17.5°	698.3	628.3	557.0	499.1	441.3	384.8	326.9	285.2	243.5
0.0	0.0	20°	1777.2	1583.5	1389.8	1198.7	1006.3	815.3	622.9	526.0	429.2
0.0	0.0	22.5°	3344.6	2985.4	2624.8	2276.4	1926.6	1578.1	1229.7	1010.4	792.4
0.0	0.0	25°	5162.2	4710.2	4258.1	3685.0	3110.5	2537.4	1964.3	1607.7	1251.2
0.0	0.0	27.5°	6717.5	6196.8	5676.2	4979.3	4282.3	3585.4	2888.5	2357.1	1827.0
0.0	0.0	30°	8064.2	7504.5	6944.9	6133.6	5322.3	4511.1	3699.8	3035.2	2370.6
0.0	0.0	32.5°	9232.0	8562.0	7892.0	7055.2	6218.4	5381.5	4544.7	3729.4	2914.1
0.0	0.0	35°	10578.7	9797.1	9014.1	8085.7	7156.1	6227.8	5299.5	4379.2	3457.6
0.0	0.0	37.5°	12290.1	11330.8	10370.2	9335.6	8301.0	7267.7	6233.2	5181.1	4129.0
0.0	0.0	40°	15566.1	14328.3	13090.6	11776.1	10460.3	9145.9	7831.5	6539.9	5248.3
0.0	0.0	42.5°	21436.0	19763.7	18091.3	16342.3	14592.0	12843.0	11092.7	9271.0	7448.0
0.0	0.0	45°	28060.6	25986.0	23910.1	21947.2	19982.9	18020.0	16057.1	13557.4	11057.7
0.0	0.0	47.5°	31786.0	29545.9	27305.9	25447.9	23589.9	21731.9	19874.0	17179.2	14484.4
0.0	0.0	50°	33156.9	30876.5	28596.1	26886.1	25174.8	23464.8	21753.5	19054.6	16354.5
0.0	0.0	52.5°	33448.9	31122.7	28796.5	27075.8	25355.1	23635.7	21914.9	19233.6	16552.2
0.0	0.0	55°	34048.9	31553.2	29056.2	27094.6	25133.1	23171.5	21209.9	18485.5	15761.1
0.0	0.0	57.5°	34833.3	32274.4	29715.4	27480.8	25246.1	23012.7	20778.1	17799.4	14820.7
0.0	0.0	60°	34627.4	32400.8	30172.9	27779.4	25384.7	22991.2	20596.4	17320.4	14043.1
0.0	0.0	62.5°	31054.1	29280.9	27506.3	25538.0	23568.4	21600.1	19631.8	16258.9	12886.1
0.0	0.0	65°	25547.4	24253.2	22958.9	21375.4	19790.6	18207.0	16623.5	13599.1	10576.0
0.0	0.0	67.5°	20705.4	19247.0	17787.3	16525.3	15262.0	14000.0	12736.7	10356.7	7976.8
		70°	16450.0	14863.8	13276.2	12043.9	10810.1	9577.8	8345.4	6763.2	5182.4
		72.5°	13063.7	11633.5	10203.4	8888.9	7573.2	6258.7	4942.9	4007.9	3072.9
		75°	6243.9	5672.1	5100.3	4412.9	3725.4	3037.9	2350.4	1942.7	1536.4
		77.5°	2314.1	2006.0	1696.5	1416.7	1136.8	858.4	578.5	530.1	481.6
		80°	598.7	522.0	444.0	388.8	332.3	277.1	222.0	200.5	180.3
		82.5°	68.6	63.2	59.2	56.5	52.5	49.8	45.7	41.7	37.7
		85°	4.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049410

CATALOG NUMBER: GALN-SA6B-940-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	78.0	78.0
0.0	0.0	2.5°	72.7	71.3
0.0	0.0	5°	76.7	75.3
0.0	0.0	7.5°	84.8	82.1
0.0	0.0	10°	92.8	90.1
0.0	0.0	12.5°	104.9	100.9
0.0	0.0	15°	118.4	110.3
0.0	0.0	17.5°	141.3	123.8
0.0	0.0	20°	191.0	146.6
0.0	0.0	22.5°	269.1	183.0
0.0	0.0	25°	395.5	252.9
0.0	0.0	27.5°	550.3	336.3
0.0	0.0	30°	731.9	421.1
0.0	0.0	32.5°	892.0	501.8
0.0	0.0	35°	1100.5	583.9
0.0	0.0	37.5°	1357.5	688.8
0.0	0.0	40°	1755.7	847.6
0.0	0.0	42.5°	2472.8	1140.9
0.0	0.0	45°	4016.0	1972.3
0.0	0.0	47.5°	6179.3	3262.5
0.0	0.0	50°	7559.7	4164.0
0.0	0.0	52.5°	7672.7	4157.2
0.0	0.0	55°	7004.1	3695.8
0.0	0.0	57.5°	5976.2	3089.0
0.0	0.0	60°	4967.1	2443.2
0.0	0.0	62.5°	3913.7	1687.1
0.0	0.0	65°	2860.3	1193.4
0.0	0.0	67.5°	2054.4	892.0
		70°	1350.8	683.5
		72.5°	879.9	557.0
		75°	592.0	461.5
		77.5°	345.8	306.7
		80°	122.4	107.6
		82.5°	22.9	16.1
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049410

CATALOG NUMBER: GALN-SA6B-940-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-16

Test Date: 10/11/2024

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

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

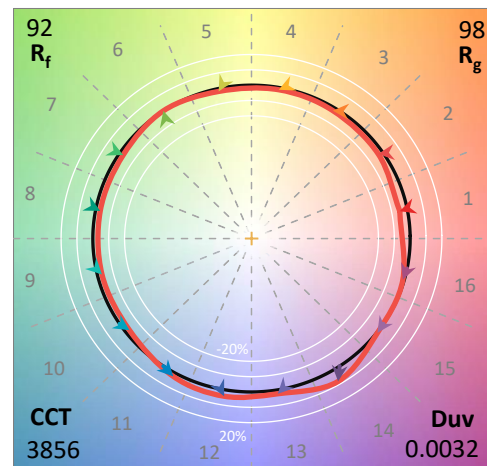
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-16
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-940-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 4000K CCT 26 LEDS

Spectral Parameters

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

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



Test Conditions

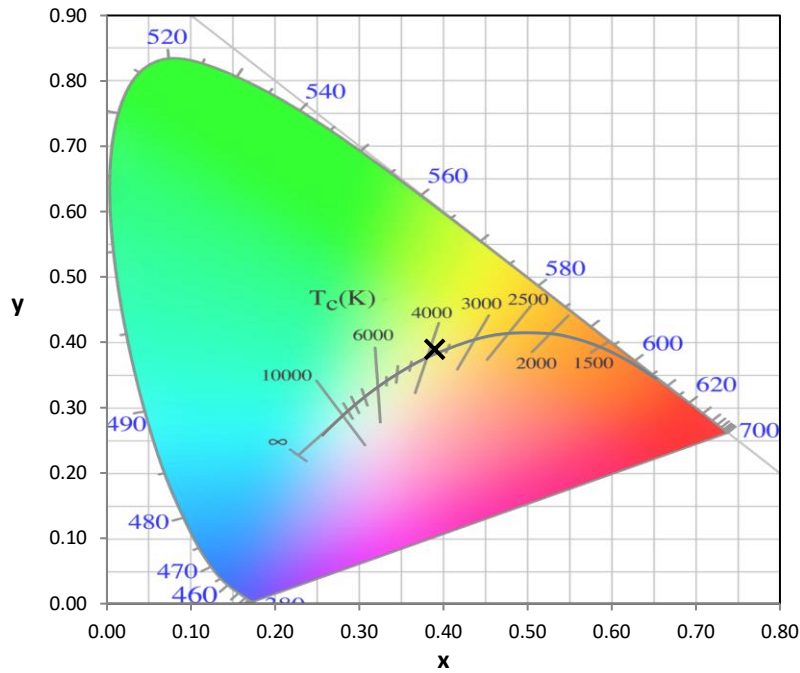
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

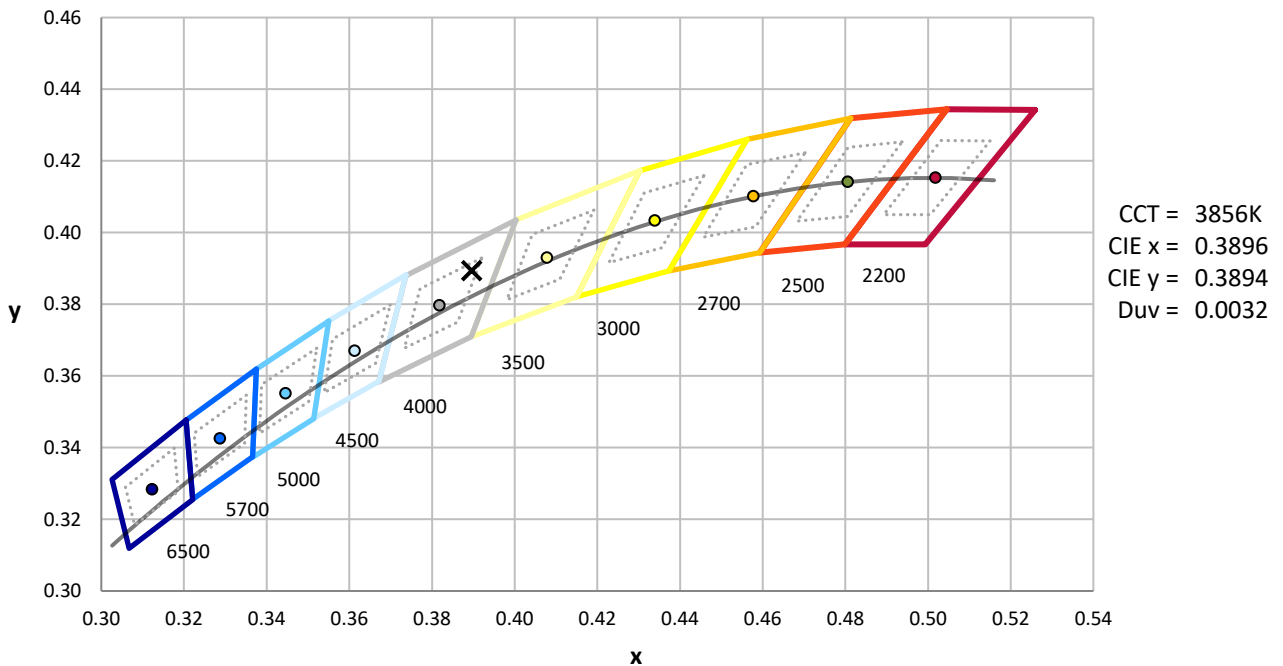
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-16

CIE 1931 Chromaticity Diagram



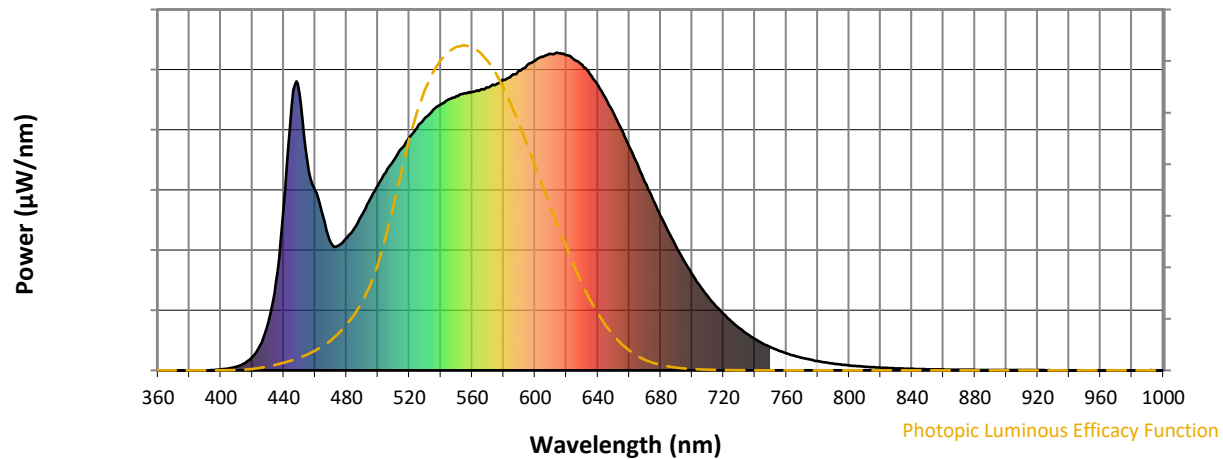
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

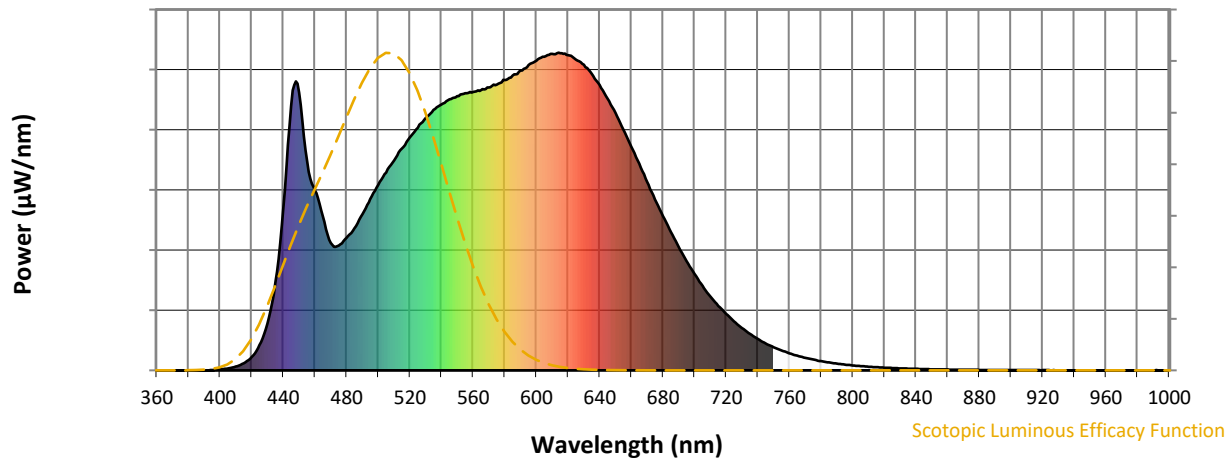


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-16

Scotopic Flux vs. Wavelength



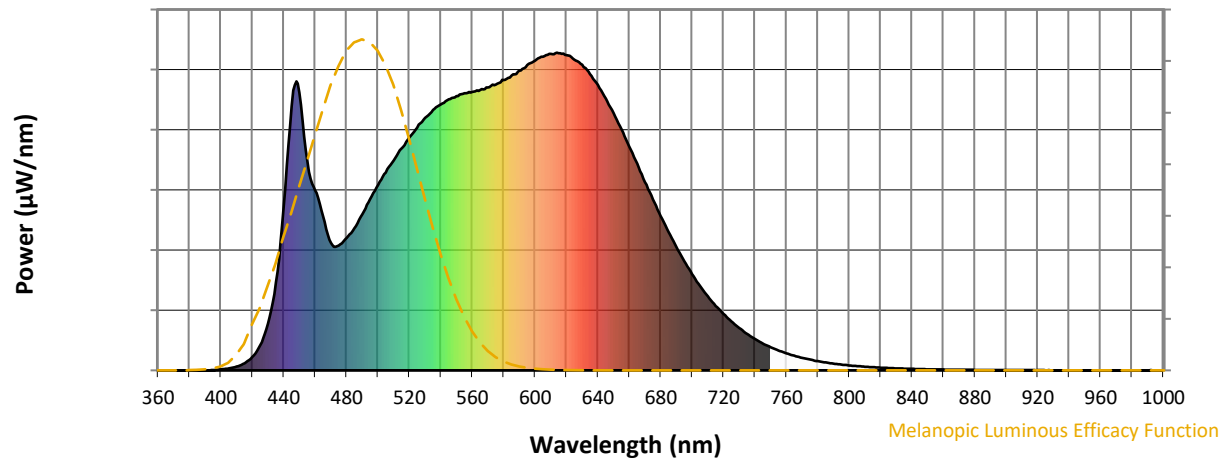
Scotopic Lumens: NR

S/P: 1.72

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

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

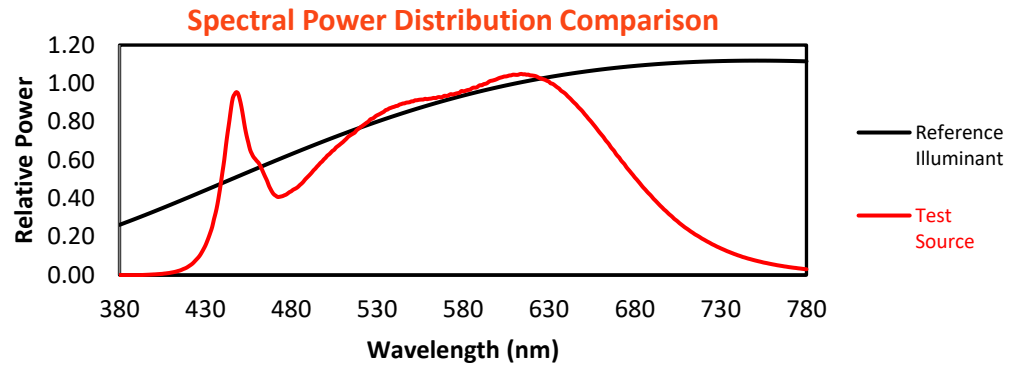
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492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

REPORT NUMBER: SP1-2407-184-16

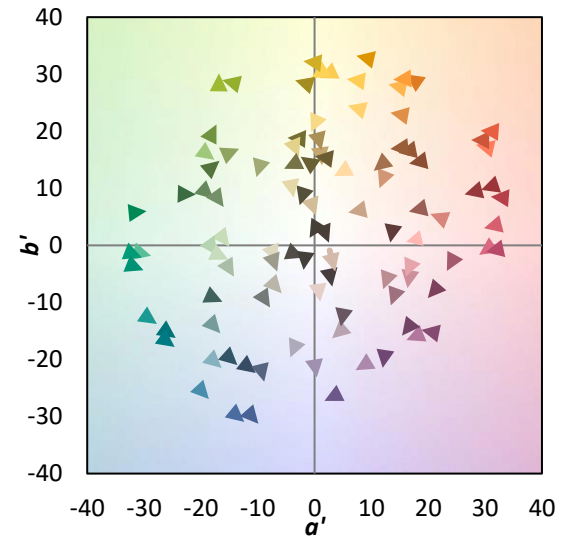
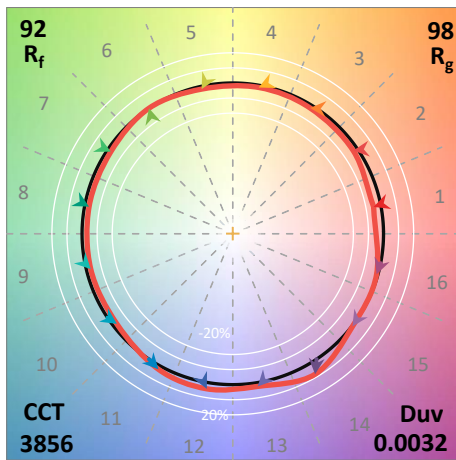
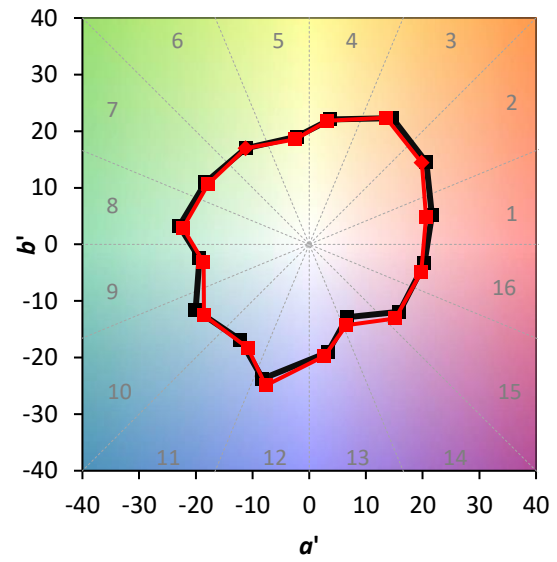
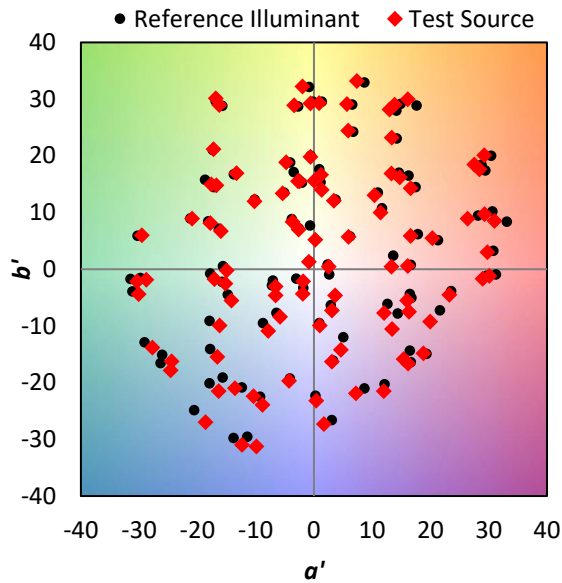
TM-30-18

Summary

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

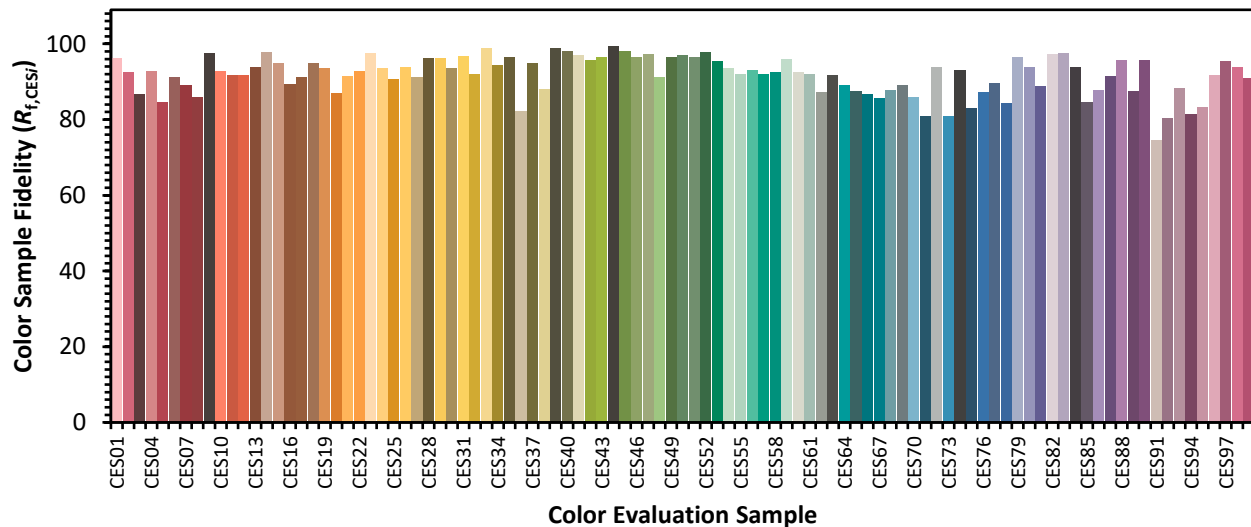


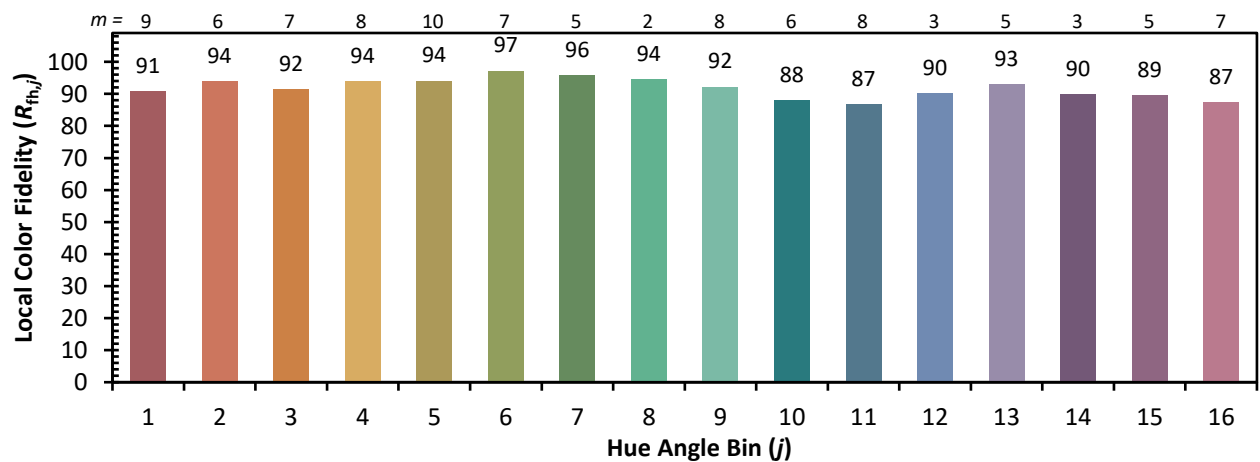
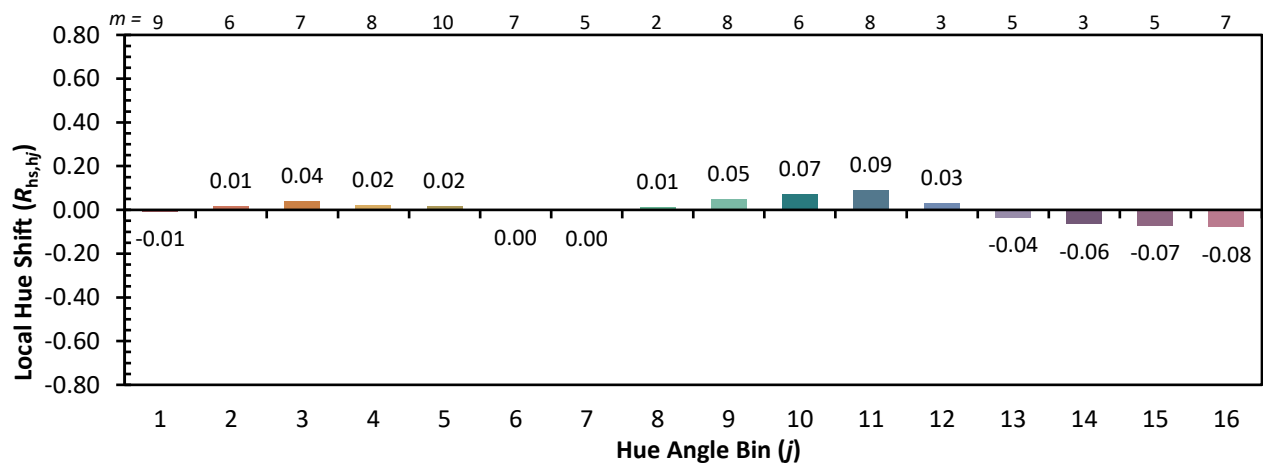
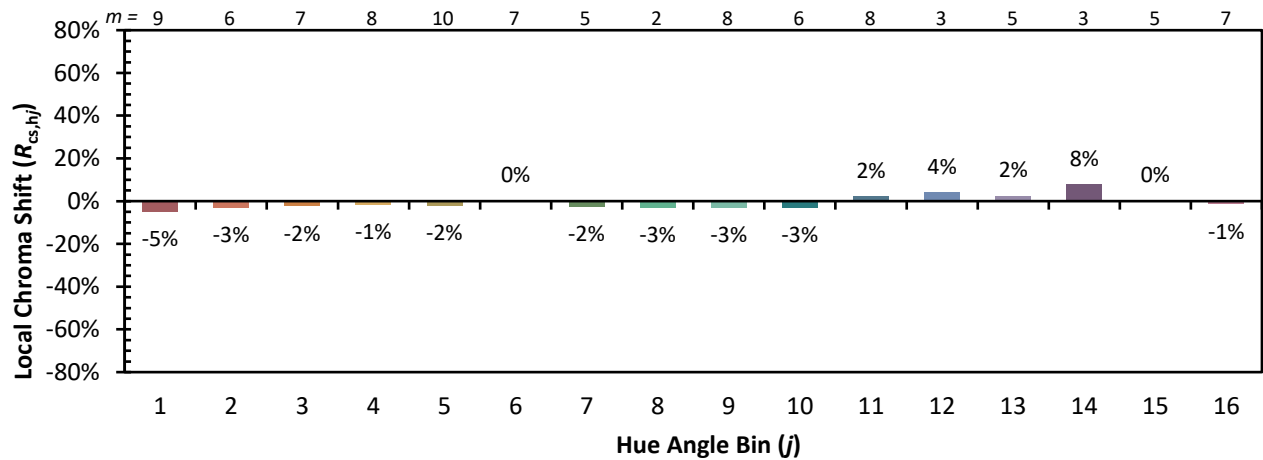
Color Vector Graphics



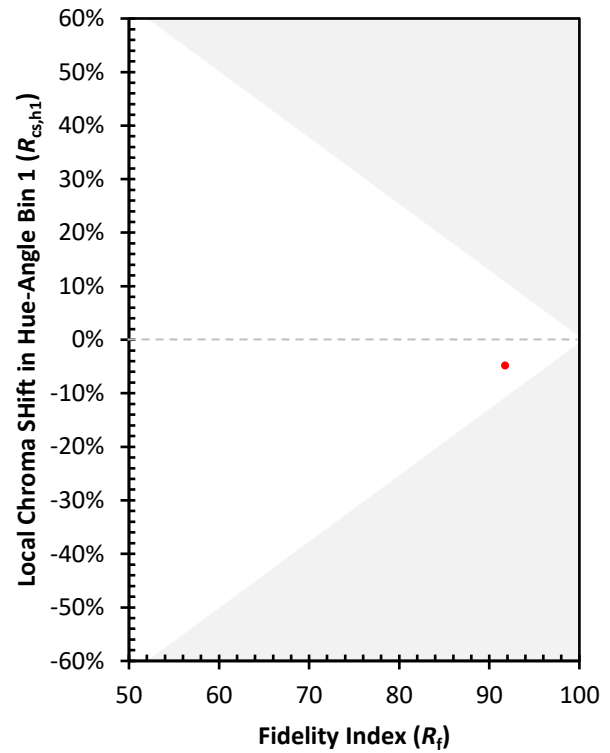
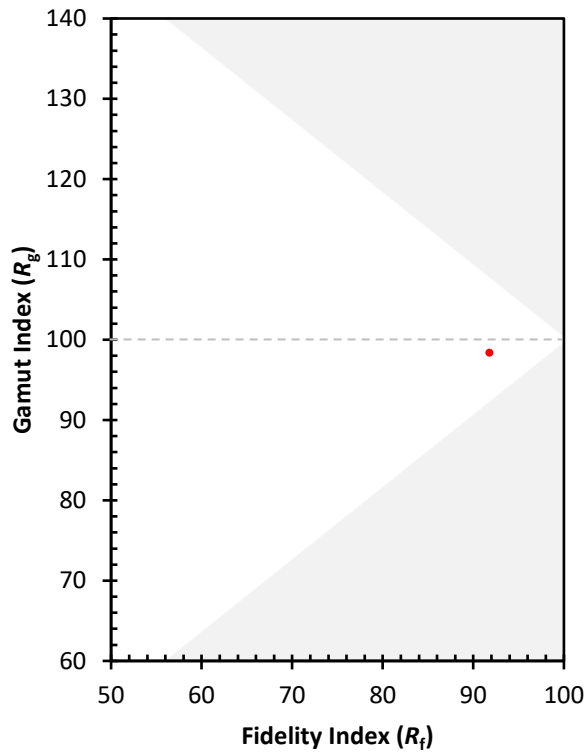
Individual Sample Fidelity Index ($R_{f,i}$)

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



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)