

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: P1049407

Luminaire Tested: **GALN-SA5C-940-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049407
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5C-940-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE
90CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18468.4 lumens
Efficiency: N/A
Efficacy: 78.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

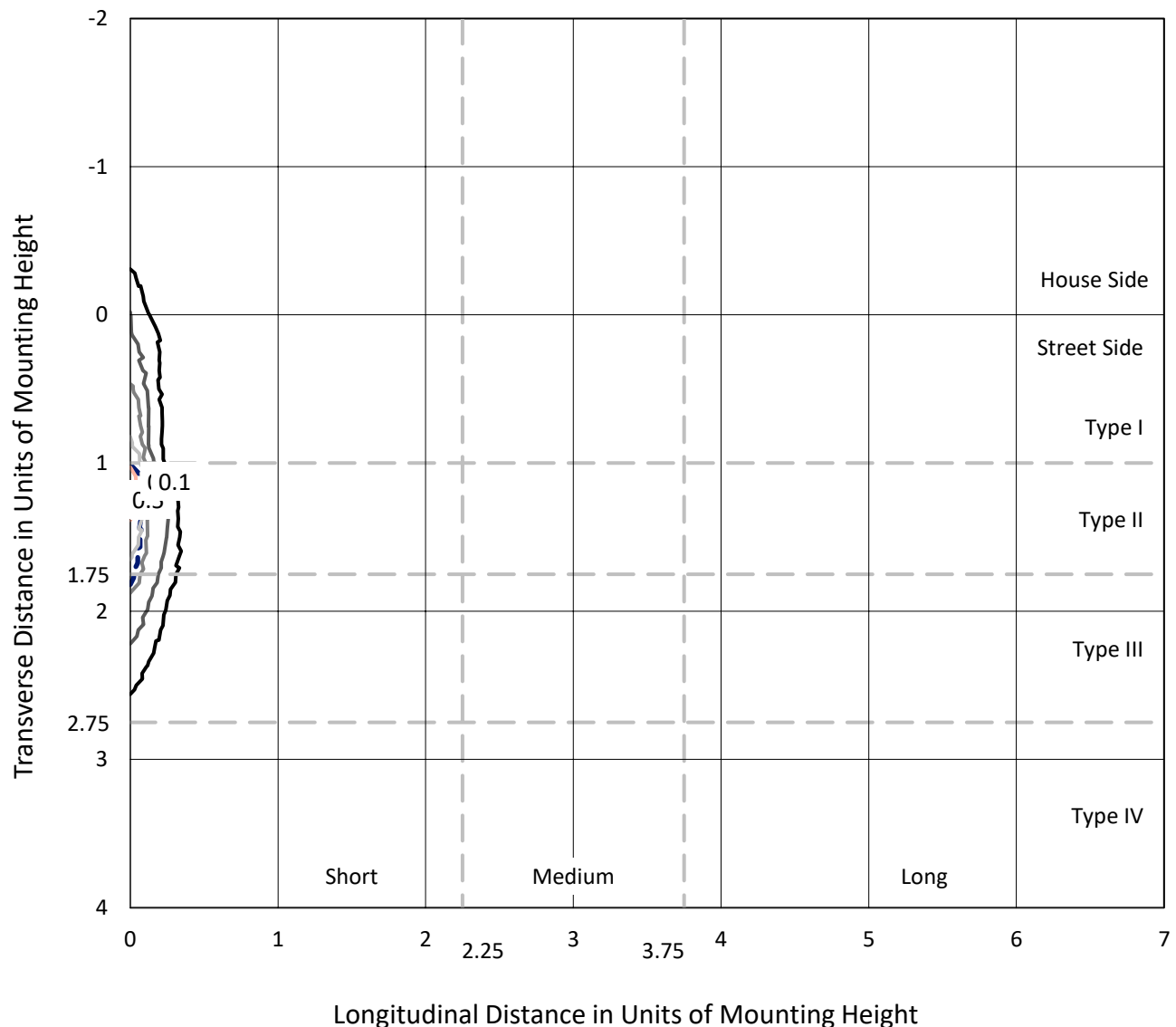
Input Watts (W): 236
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

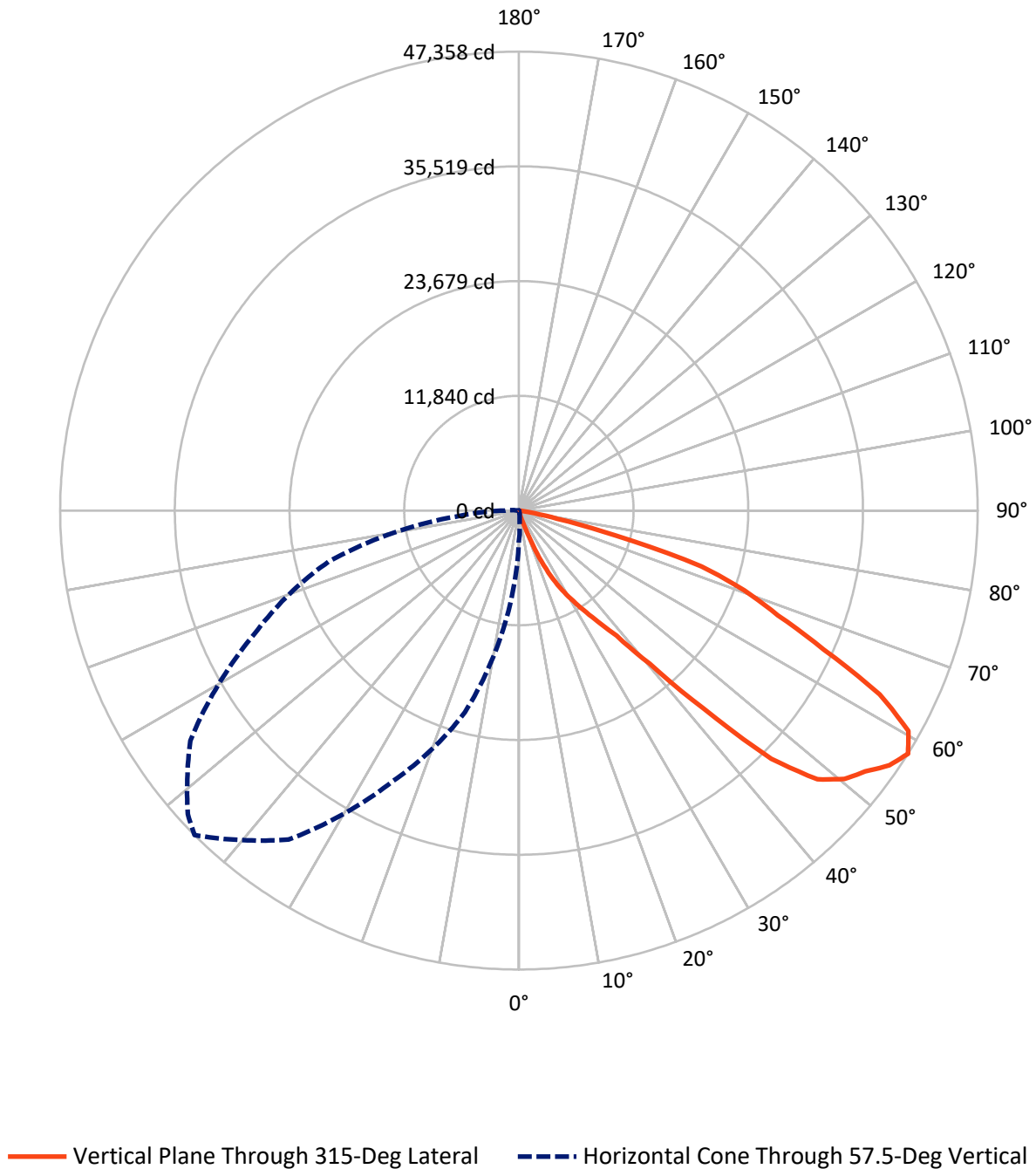
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.7 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	92.5	0.0	92.5
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	18375.9	0.0	18375.9
	% Fixture	99.5	0.0	99.5
Total	Lumens	18468.4	0.0	18468.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.2	0.0
10°-20°	40.6	0.2
20°-30°	437.7	2.4
30°-40°	1294.3	7.0
40°-50°	3857.3	20.9
50°-60°	6116.3	33.1
60°-70°	5105.6	27.6
70°-80°	1574.4	8.5
80°-90°	35.0	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°	18468.4	100.0
0°-180°	18468.4	100.0



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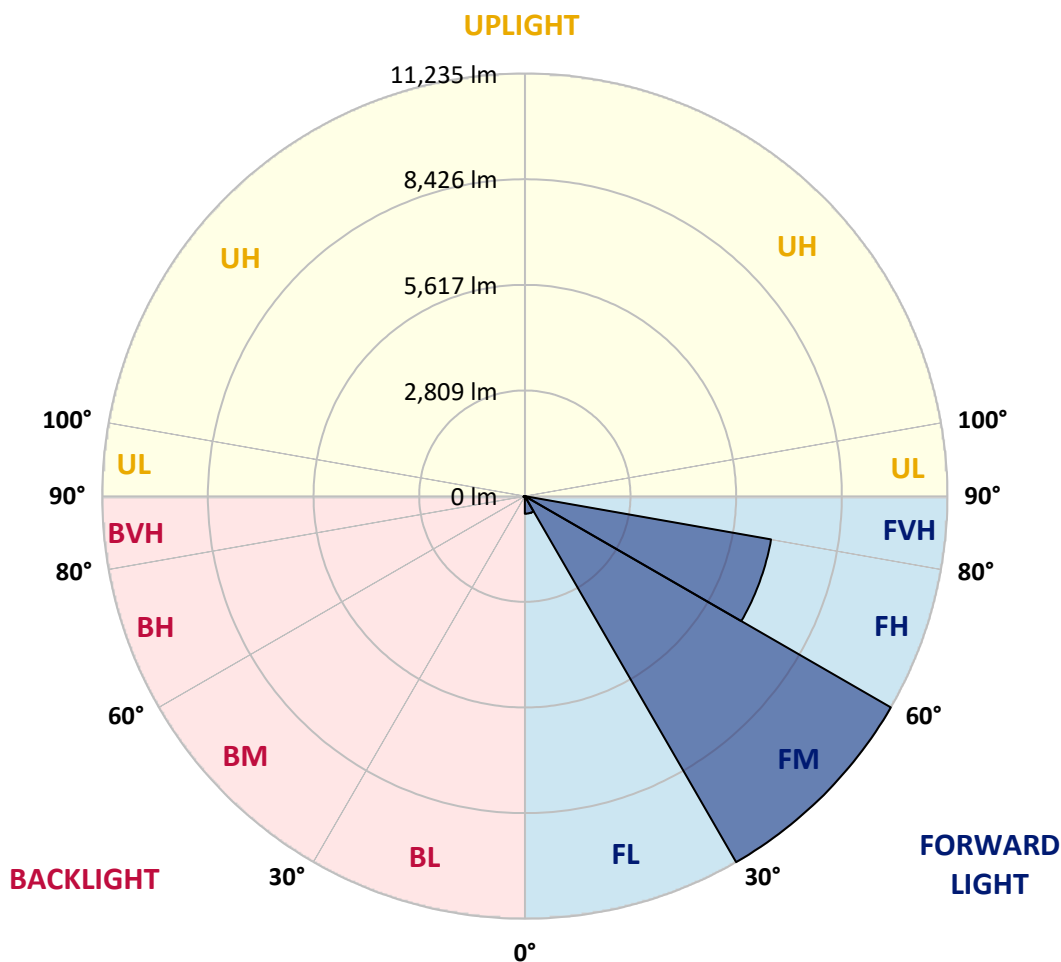
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	468.5	2.5			
FM	(30°-60°)	11234.8	60.8			
FH	(60°-80°)	6645.5	36.0			G3/7500
FVH	(80°-90°)	27.1	0.1			G1/100
BL	(0°-30°)	17.0	0.1	B0/110		
BM	(30°-60°)	33.1	0.2	B0/220		
BH	(60°-80°)	34.5	0.2	B0/110		G0/110
BVH	(80°-90°)	7.9	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°	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
2.5°	74.0	74.0	74.0	74.0	72.6	72.6	71.2	71.2	69.8	69.8
5°	78.2	78.2	76.8	75.4	75.4	74.0	72.6	71.2	71.2	69.8
7.5°	85.1	83.7	82.3	80.9	78.2	76.8	74.0	72.6	71.2	68.4
10°	93.5	90.7	87.9	85.1	82.3	79.6	76.8	75.4	72.6	71.2
12.5°	104.7	100.5	94.9	90.7	87.9	83.7	80.9	78.2	74.0	71.2
15°	114.4	108.9	101.9	96.3	92.1	86.5	82.3	78.2	75.4	71.2
17.5°	128.4	118.6	107.5	100.5	94.9	87.9	80.9	76.8	72.6	67.0
20°	152.1	132.6	111.7	103.3	94.9	86.5	78.2	72.6	68.4	62.8
22.5°	189.8	156.3	122.8	110.3	99.1	86.5	75.4	69.8	64.2	58.6
25°	262.4	202.4	142.4	125.6	108.9	92.1	75.4	68.4	62.8	55.8
27.5°	348.9	259.6	168.9	145.1	122.8	99.1	75.4	67.0	60.0	51.6
30°	436.8	318.2	198.2	167.5	136.8	106.1	75.4	65.6	57.2	47.5
32.5°	520.6	372.6	223.3	187.0	150.7	113.0	76.8	65.6	54.4	43.3
35°	605.7	417.3	227.5	189.8	152.1	113.0	75.4	62.8	51.6	39.1
37.5°	714.6	467.5	219.1	181.4	145.1	107.5	71.2	60.0	48.8	36.3
40°	879.3	551.3	223.3	184.2	145.1	106.1	67.0	55.8	46.1	34.9
42.5°	1183.5	713.2	241.4	196.8	152.1	106.1	61.4	51.6	43.3	33.5
45°	2046.0	1184.9	323.8	256.8	189.8	122.8	55.8	47.5	40.5	32.1
47.5°	3384.4	1983.2	582.0	449.4	318.2	185.6	54.4	47.5	40.5	32.1
50°	4319.5	2526.1	732.7	563.8	395.0	226.1	57.2	48.8	41.9	33.5
52.5°	4312.5	2565.2	816.4	626.6	438.2	248.4	60.0	51.6	44.7	36.3
55°	3833.8	2333.5	831.8	639.2	448.0	255.4	64.2	55.8	47.5	39.1
57.5°	3204.4	1981.8	759.2	587.6	417.3	245.6	74.0	64.2	55.8	46.1
60°	2534.5	1563.1	591.8	467.5	344.7	220.5	97.7	85.1	74.0	61.4
62.5°	1750.1	1133.3	516.4	414.5	314.0	212.1	111.7	99.1	87.9	75.4
65°	1237.9	852.7	466.1	379.6	294.5	208.0	121.4	107.5	94.9	80.9
67.5°	925.3	678.3	429.9	355.9	281.9	208.0	134.0	117.2	101.9	85.1
70°	709.0	556.9	403.3	343.3	284.7	224.7	164.7	141.0	118.6	94.9
72.5°	577.8	475.9	372.6	329.4	286.1	242.8	199.6	168.9	138.2	106.1
75°	478.7	407.5	336.3	300.1	265.2	228.9	192.6	164.7	138.2	110.3
77.5°	318.2	290.3	261.0	240.0	219.1	196.8	175.9	152.1	129.8	106.1
80°	111.7	107.5	103.3	111.7	120.0	128.4	136.8	120.0	104.7	87.9
82.5°	16.7	15.4	14.0	15.4	16.7	18.1	19.5	20.9	22.3	23.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
0.0	2.5°	68.4	68.4	67.0	67.0	67.0	65.6	65.6	64.2	64.2	64.2
0.0	5°	67.0	67.0	65.6	64.2	62.8	62.8	61.4	60.0	60.0	58.6
0.0	7.5°	65.6	64.2	62.8	61.4	60.0	58.6	57.2	55.8	55.8	54.4
0.0	10°	67.0	64.2	62.8	60.0	58.6	57.2	54.4	53.0	51.6	51.6
0.0	12.5°	64.2	62.8	60.0	57.2	55.8	53.0	51.6	48.8	47.5	47.5
0.0	15°	64.2	61.4	57.2	54.4	51.6	50.2	47.5	44.7	43.3	41.9
0.0	17.5°	60.0	57.2	53.0	50.2	47.5	44.7	41.9	39.1	37.7	36.3
0.0	20°	54.4	51.6	47.5	43.3	40.5	37.7	34.9	32.1	30.7	29.3
0.0	22.5°	48.8	46.1	41.9	37.7	34.9	32.1	27.9	25.1	23.7	20.9
0.0	25°	46.1	41.9	37.7	33.5	29.3	26.5	22.3	18.1	15.4	12.6
0.0	27.5°	39.1	34.9	30.7	26.5	22.3	18.1	14.0	9.8	7.0	5.6
0.0	30°	33.5	29.3	25.1	20.9	15.4	11.2	7.0	1.4	1.4	1.4
0.0	32.5°	27.9	23.7	18.1	14.0	11.2	7.0	4.2	0.0	0.0	0.0
0.0	35°	22.3	18.1	12.6	8.4	7.0	4.2	2.8	0.0	0.0	0.0
0.0	37.5°	19.5	15.4	9.8	4.2	2.8	2.8	1.4	0.0	0.0	0.0
0.0	40°	18.1	12.6	7.0	1.4	1.4	1.4	0.0	0.0	0.0	0.0
0.0	42.5°	18.1	12.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	18.1	12.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	18.1	12.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	19.5	14.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	22.3	16.7	11.2	5.6	4.2	2.8	1.4	0.0	0.0	0.0
0.0	55°	27.9	25.1	20.9	18.1	14.0	9.8	4.2	0.0	0.0	0.0
0.0	57.5°	36.3	36.3	34.9	33.5	25.1	16.7	8.4	0.0	0.0	0.0
0.0	60°	48.8	48.8	48.8	48.8	36.3	25.1	12.6	0.0	0.0	0.0
0.0	62.5°	60.0	57.2	53.0	50.2	37.7	25.1	12.6	0.0	0.0	0.0
0.0	65°	60.0	54.4	47.5	40.5	30.7	20.9	9.8	0.0	0.0	0.0
0.0	67.5°	55.8	44.7	32.1	20.9	15.4	11.2	5.6	0.0	0.0	0.0
	70°	55.8	39.1	22.3	5.6	4.2	2.8	1.4	0.0	0.0	0.0
	72.5°	55.8	37.7	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	61.4	41.9	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	61.4	41.9	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	54.4	36.3	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	18.1	12.6	5.6	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°	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
0.0	2.5°	62.8	62.8	62.8	61.4	61.4	61.4	61.4	60.0	60.0	60.0
0.0	5°	57.2	57.2	55.8	55.8	54.4	54.4	53.0	53.0	51.6	51.6
0.0	7.5°	53.0	51.6	51.6	50.2	48.8	48.8	47.5	47.5	46.1	44.7
0.0	10°	48.8	47.5	47.5	46.1	44.7	43.3	43.3	41.9	40.5	39.1
0.0	12.5°	44.7	43.3	41.9	40.5	39.1	37.7	37.7	36.3	34.9	33.5
0.0	15°	39.1	37.7	36.3	34.9	33.5	32.1	32.1	30.7	29.3	27.9
0.0	17.5°	33.5	32.1	32.1	30.7	29.3	27.9	26.5	23.7	22.3	20.9
0.0	20°	25.1	23.7	22.3	20.9	19.5	16.7	15.4	12.6	9.8	8.4
0.0	22.5°	16.7	14.0	12.6	9.8	7.0	5.6	4.2	1.4	0.0	0.0
0.0	25°	5.6	4.2	2.8	1.4	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-SA5C-940-U-RBC

[illegible]

REPORT NUMBER: P1049407

CATALOG NUMBER: GALN-SA5C-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°	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
0.0	2.5°	58.6	58.6	58.6	57.2	57.2	57.2	57.2	57.2	57.2	57.2
0.0	5°	50.2	50.2	50.2	48.8	48.8	47.5	47.5	47.5	46.1	46.1
0.0	7.5°	43.3	41.9	41.9	40.5	40.5	39.1	39.1	39.1	37.7	37.7
0.0	10°	36.3	34.9	34.9	33.5	33.5	32.1	32.1	30.7	30.7	29.3
0.0	12.5°	32.1	30.7	29.3	27.9	27.9	26.5	25.1	25.1	23.7	22.3
0.0	15°	25.1	23.7	22.3	20.9	19.5	18.1	16.7	16.7	15.4	14.0
0.0	17.5°	16.7	14.0	12.6	11.2	11.2	9.8	8.4	7.0	5.6	4.2
0.0	20°	4.2	2.8	1.4	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: P1049407

CATALOG NUMBER: GALN-SA5C-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049407

CATALOG NUMBER: GALN-SA5C-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°	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
0.0	2.5°	57.2	55.8	55.8	55.8	57.2	57.2	57.2	57.2	57.2	57.2
0.0	5°	46.1	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
0.0	7.5°	37.7	36.3	36.3	36.3	36.3	34.9	34.9	34.9	34.9	34.9
0.0	10°	29.3	27.9	27.9	27.9	27.9	26.5	26.5	26.5	26.5	26.5
0.0	12.5°	20.9	20.9	19.5	19.5	19.5	18.1	18.1	18.1	18.1	16.7
0.0	15°	12.6	11.2	9.8	9.8	9.8	8.4	8.4	8.4	8.4	7.0
0.0	17.5°	2.8	2.8	1.4	1.4	1.4	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
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-SA5C-940-U-RBC

[illegible]



REPORT NUMBER: P1049407

CATALOG NUMBER: GALN-SA5C-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°	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
0.0	2.5°	58.6	58.6	60.0	60.0	61.4	64.2	65.6	67.0	69.8	72.6
0.0	5°	46.1	47.5	47.5	48.8	50.2	51.6	53.0	54.4	57.2	60.0
0.0	7.5°	36.3	36.3	37.7	37.7	39.1	41.9	43.3	44.7	47.5	51.6
0.0	10°	27.9	27.9	29.3	29.3	30.7	33.5	34.9	36.3	39.1	43.3
0.0	12.5°	18.1	19.5	19.5	20.9	22.3	25.1	26.5	27.9	30.7	33.5
0.0	15°	8.4	9.8	9.8	11.2	12.6	15.4	16.7	18.1	20.9	25.1
0.0	17.5°	1.4	1.4	2.8	2.8	4.2	5.6	7.0	8.4	12.6	15.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	5.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
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: P1049407

CATALOG NUMBER: GALN-SA5C-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049407

CATALOG NUMBER: GALN-SA5C-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°	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
0.0	2.5°	76.8	79.6	82.3	85.1	87.9	90.7	92.1	94.9	96.3	97.7
0.0	5°	65.6	68.4	72.6	75.4	78.2	80.9	83.7	85.1	86.5	87.9
0.0	7.5°	57.2	60.0	64.2	67.0	69.8	72.6	75.4	78.2	79.6	80.9
0.0	10°	48.8	53.0	55.8	60.0	62.8	65.6	68.4	71.2	74.0	75.4
0.0	12.5°	39.1	43.3	47.5	50.2	54.4	58.6	61.4	64.2	67.0	69.8
0.0	15°	30.7	34.9	39.1	41.9	46.1	50.2	54.4	57.2	60.0	62.8
0.0	17.5°	22.3	26.5	30.7	33.5	37.7	41.9	44.7	48.8	51.6	54.4
0.0	20°	11.2	15.4	19.5	23.7	27.9	32.1	34.9	39.1	41.9	44.7
0.0	22.5°	1.4	5.6	9.8	12.6	16.7	20.9	23.7	27.9	30.7	33.5
0.0	25°	0.0	1.4	4.2	5.6	7.0	9.8	12.6	15.4	18.1	20.9
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.4	2.8	5.6	8.4	11.2
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
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	1.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	2.8
	85°	0.0	0.0	0.0	0.0	0.0	2.8	4.2	7.0	8.4	9.8
	87.5°	0.0	1.4	2.8	4.2	5.6	8.4	11.2	14.0	15.4	16.7
	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: P1049407

CATALOG NUMBER: GALN-SA5C-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
80.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.4											
5.6											
12.6											
18.1											
0.0											
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REPORT NUMBER: P1049407

CATALOG NUMBER: GALN-SA5C-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°	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
0.0	2.5°	99.1	99.1	99.1	99.1	97.7	97.7	97.7	96.3	96.3	94.9
0.0	5°	90.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	90.7	90.7
0.0	7.5°	83.7	85.1	86.5	86.5	87.9	87.9	87.9	86.5	86.5	85.1
0.0	10°	79.6	80.9	80.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3
0.0	12.5°	74.0	75.4	76.8	76.8	78.2	78.2	78.2	78.2	76.8	76.8
0.0	15°	67.0	69.8	71.2	72.6	72.6	74.0	74.0	74.0	74.0	74.0
0.0	17.5°	61.4	64.2	65.6	67.0	67.0	68.4	68.4	69.8	69.8	69.8
0.0	20°	50.2	53.0	54.4	57.2	58.6	60.0	61.4	62.8	62.8	64.2
0.0	22.5°	39.1	41.9	43.3	46.1	47.5	48.8	50.2	51.6	53.0	54.4
0.0	25°	27.9	30.7	32.1	34.9	36.3	37.7	39.1	40.5	40.5	41.9
0.0	27.5°	15.4	18.1	20.9	22.3	25.1	26.5	27.9	29.3	30.7	32.1
0.0	30°	7.0	8.4	9.8	12.6	14.0	15.4	16.7	19.5	20.9	22.3
0.0	32.5°	0.0	0.0	1.4	4.2	5.6	7.0	8.4	9.8	9.8	11.2
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.8	4.2	5.6
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°	2.8	2.8	2.8	4.2	4.2	4.2	4.2	4.2	4.2	4.2
	82.5°	7.0	8.4	9.8	9.8	11.2	11.2	11.2	11.2	9.8	9.8
	85°	14.0	15.4	16.7	16.7	18.1	18.1	18.1	18.1	18.1	18.1
	87.5°	19.5	20.9	22.3	22.3	23.7	23.7	23.7	23.7	23.7	23.7
	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: P1049407

CATALOG NUMBER: GALN-SA5C-940-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
80.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	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											
4.2											
9.8											
18.1											
23.7											
0.0											
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REPORT NUMBER: P1049407

CATALOG NUMBER: GALN-SA5C-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°	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
0.0	2.5°	93.5	93.5	92.1	92.1	92.1	92.1	92.1	93.5	94.9	94.9
0.0	5°	89.3	89.3	87.9	87.9	87.9	89.3	89.3	90.7	92.1	93.5
0.0	7.5°	85.1	83.7	83.7	85.1	85.1	86.5	86.5	87.9	89.3	90.7
0.0	10°	82.3	80.9	80.9	80.9	82.3	82.3	83.7	85.1	86.5	87.9
0.0	12.5°	76.8	76.8	76.8	76.8	78.2	78.2	79.6	80.9	83.7	85.1
0.0	15°	74.0	72.6	72.6	72.6	72.6	74.0	74.0	76.8	79.6	80.9
0.0	17.5°	68.4	68.4	67.0	67.0	68.4	68.4	69.8	72.6	75.4	76.8
0.0	20°	62.8	61.4	60.0	60.0	61.4	61.4	62.8	65.6	68.4	69.8
0.0	22.5°	54.4	53.0	53.0	53.0	53.0	54.4	54.4	57.2	61.4	64.2
0.0	25°	43.3	44.7	44.7	46.1	46.1	47.5	48.8	51.6	55.8	58.6
0.0	27.5°	33.5	34.9	34.9	37.7	39.1	40.5	41.9	46.1	50.2	53.0
0.0	30°	25.1	26.5	27.9	29.3	32.1	34.9	37.7	41.9	46.1	48.8
0.0	32.5°	15.4	18.1	19.5	22.3	25.1	27.9	30.7	34.9	40.5	44.7
0.0	35°	11.2	12.6	15.4	16.7	19.5	22.3	25.1	30.7	34.9	40.5
0.0	37.5°	5.6	8.4	11.2	14.0	16.7	19.5	22.3	27.9	33.5	37.7
0.0	40°	4.2	7.0	8.4	11.2	15.4	18.1	20.9	26.5	32.1	37.7
0.0	42.5°	2.8	4.2	5.6	9.8	12.6	16.7	20.9	26.5	32.1	37.7
0.0	45°	2.8	2.8	4.2	8.4	12.6	18.1	22.3	27.9	32.1	37.7
0.0	47.5°	2.8	4.2	5.6	11.2	14.0	18.1	22.3	26.5	32.1	36.3
0.0	50°	4.2	5.6	7.0	12.6	15.4	19.5	22.3	27.9	32.1	37.7
0.0	52.5°	2.8	4.2	5.6	11.2	15.4	20.9	25.1	30.7	36.3	40.5
0.0	55°	1.4	1.4	1.4	8.4	16.7	23.7	32.1	36.3	41.9	46.1
0.0	57.5°	0.0	0.0	0.0	5.6	16.7	26.5	36.3	41.9	47.5	51.6
0.0	60°	0.0	0.0	0.0	5.6	16.7	26.5	36.3	43.3	50.2	57.2
0.0	62.5°	0.0	0.0	0.0	5.6	14.0	22.3	30.7	41.9	54.4	65.6
0.0	65°	0.0	0.0	0.0	4.2	11.2	18.1	25.1	41.9	58.6	74.0
0.0	67.5°	0.0	0.0	0.0	4.2	11.2	16.7	23.7	41.9	58.6	76.8
	70°	0.0	0.0	0.0	4.2	11.2	18.1	25.1	41.9	58.6	75.4
	72.5°	0.0	0.0	0.0	4.2	12.6	19.5	27.9	41.9	55.8	69.8
	75°	0.0	0.0	0.0	5.6	12.6	20.9	29.3	41.9	54.4	65.6
	77.5°	0.0	0.0	0.0	4.2	12.6	19.5	27.9	40.5	53.0	64.2
	80°	4.2	2.8	2.8	7.0	12.6	18.1	23.7	36.3	50.2	62.8
	82.5°	8.4	8.4	7.0	9.8	12.6	16.7	20.9	32.1	44.7	55.8
	85°	16.7	16.7	15.4	16.7	16.7	18.1	19.5	25.1	30.7	36.3
	87.5°	22.3	22.3	20.9	20.9	20.9	19.5	19.5	19.5	19.5	18.1
	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: P1049407

CATALOG NUMBER: GALN-SA5C-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
80.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.1											
83.7											
78.2											
76.8											
75.4											
67.0											
41.9											
18.1											
0.0											
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REPORT NUMBER: P1049407

CATALOG NUMBER: GALN-SA5C-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°	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
0.0	2.5°	97.7	99.1	99.1	100.5	101.9	103.3	103.3	104.7	104.7	104.7
0.0	5°	96.3	99.1	100.5	101.9	103.3	104.7	106.1	107.5	108.9	108.9
0.0	7.5°	94.9	96.3	99.1	100.5	103.3	104.7	107.5	108.9	110.3	111.7
0.0	10°	92.1	94.9	97.7	100.5	103.3	106.1	108.9	111.7	114.4	115.8
0.0	12.5°	89.3	93.5	96.3	99.1	103.3	107.5	110.3	114.4	117.2	120.0
0.0	15°	87.9	90.7	94.9	97.7	103.3	108.9	113.0	118.6	124.2	128.4
0.0	17.5°	83.7	89.3	93.5	97.7	103.3	110.3	115.8	121.4	129.8	138.2
0.0	20°	78.2	82.3	87.9	92.1	100.5	107.5	115.8	122.8	135.4	147.9
0.0	22.5°	72.6	78.2	82.3	87.9	97.7	106.1	115.8	124.2	145.1	164.7
0.0	25°	67.0	74.0	79.6	85.1	96.3	107.5	118.6	129.8	164.7	199.6
0.0	27.5°	64.2	69.8	76.8	82.3	96.3	111.7	125.6	139.6	195.4	249.8
0.0	30°	60.0	67.0	72.6	79.6	97.7	115.8	134.0	152.1	237.3	322.4
0.0	32.5°	55.8	62.8	69.8	76.8	100.5	124.2	146.5	170.3	281.9	392.2
0.0	35°	51.6	60.0	67.0	74.0	104.7	136.8	167.5	198.2	322.4	445.2
0.0	37.5°	50.2	58.6	65.6	72.6	106.1	138.2	171.7	203.8	326.6	449.4
0.0	40°	51.6	58.6	67.0	74.0	101.9	129.8	156.3	184.2	312.6	439.6
0.0	42.5°	51.6	60.0	68.4	76.8	99.1	121.4	143.8	166.1	308.4	450.8
0.0	45°	50.2	58.6	67.0	75.4	96.3	115.8	136.8	156.3	333.6	509.4
0.0	47.5°	48.8	57.2	65.6	74.0	94.9	115.8	136.8	157.7	431.3	703.4
0.0	50°	48.8	57.2	64.2	71.2	96.3	122.8	147.9	173.1	628.0	1081.6
0.0	52.5°	51.6	58.6	64.2	69.8	99.1	129.8	159.1	188.4	798.3	1406.8
0.0	55°	55.8	60.0	65.6	69.8	106.1	141.0	177.2	212.1	849.9	1487.7
0.0	57.5°	61.4	65.6	69.8	74.0	118.6	163.3	206.6	251.2	854.1	1455.7
0.0	60°	68.4	74.0	78.2	82.3	129.8	178.6	226.1	273.5	773.2	1271.4
0.0	62.5°	83.7	90.7	96.3	103.3	149.3	194.0	240.0	284.7	642.0	999.3
0.0	65°	96.3	101.9	107.5	113.0	157.7	203.8	248.4	293.1	544.3	795.5
0.0	67.5°	99.1	104.7	108.9	114.4	160.5	206.6	251.2	297.3	466.1	633.6
	70°	100.5	107.5	115.8	122.8	170.3	217.7	263.8	311.2	413.1	515.0
	72.5°	96.3	110.3	122.8	135.4	180.0	223.3	268.0	311.2	383.8	456.4
	75°	96.3	115.8	134.0	152.1	185.6	217.7	251.2	283.3	339.1	395.0
	77.5°	101.9	127.0	152.1	177.2	196.8	214.9	234.5	252.6	288.9	325.2
	80°	101.9	128.4	153.5	180.0	188.4	198.2	206.6	214.9	219.1	223.3
	82.5°	87.9	108.9	129.8	150.7	141.0	131.2	121.4	111.7	104.7	96.3
	85°	44.7	48.8	51.6	54.4	50.2	46.1	41.9	37.7	34.9	30.7
	87.5°	18.1	18.1	16.7	16.7	16.7	16.7	15.4	15.4	15.4	15.4
	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: P1049407

CATALOG NUMBER: GALN-SA5C-940-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
80.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
219.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
297.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
413.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
559.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
699.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
794.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
865.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
936.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1076.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1355.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2065.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3163.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3983.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4073.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3676.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3143.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2456.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1856.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1370.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
970.0											
721.5											
524.8											
395.0											
221.9											
100.5											
29.3											
14.0											
0.0											
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REPORT NUMBER: P1049407

CATALOG NUMBER: GALN-SA5C-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°	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
0.0	2.5°	104.7	103.3	103.3	101.9	100.5	99.1	97.7	96.3	94.9	93.5
0.0	5°	108.9	108.9	108.9	107.5	107.5	106.1	106.1	104.7	103.3	101.9
0.0	7.5°	113.0	114.4	114.4	115.8	115.8	115.8	115.8	114.4	114.4	114.4
0.0	10°	120.0	121.4	122.8	124.2	125.6	127.0	127.0	128.4	128.4	128.4
0.0	12.5°	128.4	132.6	135.4	139.6	142.4	146.5	149.3	153.5	156.3	159.1
0.0	15°	141.0	147.9	156.3	163.3	170.3	180.0	191.2	201.0	210.7	226.1
0.0	17.5°	159.1	181.4	203.8	224.7	247.0	295.9	344.7	392.2	441.0	512.2
0.0	20°	194.0	261.0	326.6	393.6	459.2	630.8	801.1	972.8	1143.0	1325.9
0.0	22.5°	272.1	436.8	601.5	766.2	930.9	1289.6	1646.9	2005.5	2362.8	2782.9
0.0	25°	395.0	697.8	1000.7	1302.1	1605.0	2166.0	2728.5	3289.5	3850.6	4396.3
0.0	27.5°	575.0	1038.4	1501.7	1963.7	2427.0	3187.6	3949.7	4710.3	5470.9	6087.8
0.0	30°	796.9	1424.9	2053.0	2681.0	3309.1	4174.4	5039.6	5903.5	6768.8	7442.9
0.0	32.5°	1006.3	1775.3	2544.2	3311.8	4080.8	5066.2	6052.9	7038.2	8023.5	8760.4
0.0	35°	1143.0	2072.5	3003.4	3932.9	4862.4	5928.7	6994.9	8059.8	9126.1	9967.6
0.0	37.5°	1279.8	2353.0	3424.9	4498.1	5570.0	6740.9	7911.9	9082.8	10253.7	11293.5
0.0	40°	1433.3	2692.2	3949.7	5208.5	6466.0	7853.3	9239.1	10626.4	12012.3	13479.1
0.0	42.5°	1699.9	3254.6	4810.8	6365.5	7920.2	9755.5	11590.8	13424.6	15259.9	17353.4
0.0	45°	2200.9	4392.1	6584.6	8775.8	10966.9	13398.1	15830.7	18261.9	20693.1	23478.8
0.0	47.5°	3427.7	6442.3	9455.4	12470.0	15483.2	18108.4	20732.2	23357.4	25981.2	28755.7
0.0	50°	5244.8	8753.4	12262.1	15769.3	19277.9	21653.3	24027.3	26402.7	28776.7	31415.8
0.0	52.5°	6559.5	10214.7	13871.2	17526.4	21181.6	23325.3	25470.4	27614.1	29757.8	32223.9
0.0	55°	6658.6	10292.8	13928.5	17562.7	21196.9	23350.4	25503.9	27657.4	29810.8	32424.8
0.0	57.5°	5895.2	9500.1	13103.6	16708.6	20312.1	22764.2	25215.0	27667.1	30117.9	32944.0
0.0	60°	5014.5	8620.9	12225.8	15832.1	19437.0	22261.8	25088.0	27912.8	30737.5	33385.0
0.0	62.5°	3912.0	7621.6	11332.6	15042.2	18751.8	21619.8	24487.9	27354.5	30222.5	32208.5
0.0	65°	2915.5	6517.6	10119.8	13720.5	17322.7	19619.9	21917.1	24212.9	26510.1	27739.7
0.0	67.5°	2107.4	5214.1	8319.4	11426.1	14531.4	16175.4	17819.5	19462.2	21106.2	22046.9
	70°	1424.9	3577.0	5727.7	7879.8	10030.4	11381.4	12733.8	14084.8	15435.8	16705.8
	72.5°	986.7	2195.3	3405.4	4614.0	5822.6	7182.0	8539.9	9899.3	11257.2	12601.2
	75°	654.6	1204.4	1755.7	2305.6	2855.5	3861.7	4869.4	5875.6	6881.9	7683.0
	77.5°	464.7	629.4	795.5	960.2	1124.9	1313.3	1503.1	1691.5	1879.9	2166.0
	80°	220.5	241.4	262.4	281.9	302.9	371.2	439.6	508.0	576.4	649.0
	82.5°	104.7	113.0	121.4	128.4	136.8	143.8	150.7	157.7	164.7	157.7
	85°	27.9	27.9	29.3	29.3	29.3	29.3	29.3	29.3	29.3	27.9
	87.5°	12.6	12.6	12.6	12.6	12.6	12.6	12.6	11.2	11.2	9.8
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
80.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
242.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1510.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3203.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4942.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6704.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8118.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9498.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10809.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12334.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14945.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19446.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26264.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31530.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34055.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34690.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35040.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35770.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36031.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34195.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28970.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22988.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17974.4											
13945.2											
8484.1											
2452.1											
721.5											
149.3											
26.5											
9.8											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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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°	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
0.0	2.5°	90.7	89.3	87.9	86.5	85.1	82.3	82.3	80.9	80.9
0.0	5°	99.1	97.7	96.3	94.9	94.9	93.5	92.1	92.1	90.7
0.0	7.5°	113.0	111.7	110.3	108.9	108.9	107.5	107.5	106.1	106.1
0.0	10°	129.8	129.8	129.8	129.8	129.8	128.4	128.4	128.4	127.0
0.0	12.5°	163.3	164.7	167.5	170.3	174.5	174.5	174.5	173.1	173.1
0.0	15°	258.2	273.5	284.7	295.9	305.6	328.0	325.2	321.0	318.2
0.0	17.5°	653.2	722.9	760.6	796.9	834.6	937.9	921.1	904.4	889.0
0.0	20°	1692.9	1875.7	1997.2	2118.6	2241.4	2435.4	2387.9	2340.5	2293.0
0.0	22.5°	3621.7	4041.8	4224.6	4407.4	4588.9	4823.3	4671.2	4519.1	4368.3
0.0	25°	5486.3	6031.9	6340.4	6648.8	6955.9	7089.8	6891.7	6692.1	6493.9
0.0	27.5°	7321.5	7938.4	8210.5	8481.3	8753.4	9034.0	8788.3	8541.3	8295.7
0.0	30°	8792.5	9466.6	9761.1	10054.2	10348.7	10544.0	10290.0	10034.6	9780.6
0.0	32.5°	10235.6	10972.5	11294.9	11617.3	11938.3	12218.8	11906.2	11592.2	11279.5
0.0	35°	11649.4	12491.0	12934.8	13378.6	13822.4	14083.4	13712.1	13339.5	12968.3
0.0	37.5°	13374.4	14414.1	14911.0	15407.8	15904.7	16380.6	15971.7	15561.4	15152.4
0.0	40°	16412.7	17879.5	18641.5	19404.9	20167.0	20781.0	20264.7	19748.3	19231.9
0.0	42.5°	21540.3	23633.7	24729.3	25823.5	26919.1	27877.9	27335.0	26792.1	26249.2
0.0	45°	29050.2	31835.9	33171.5	34505.7	35841.4	36542.0	35760.4	34977.5	34195.9
0.0	47.5°	34303.4	37077.9	38267.0	39456.1	40645.2	41444.9	40488.8	39532.8	38578.2
0.0	50°	36692.7	39331.9	40525.1	41717.0	42910.3	43545.3	42441.3	41336.0	40232.0
0.0	52.5°	37154.7	39620.8	41044.3	42469.3	43892.8	44741.4	43437.8	42132.9	40829.4
0.0	55°	37654.3	40268.3	41919.4	43571.8	45222.8	46398.0	44924.2	43449.0	41975.2
0.0	57.5°	38595.0	41421.1	43068.0	44713.4	46360.3	47358.2	45880.2	44400.8	42922.8
0.0	60°	38678.7	41324.8	42740.0	44156.6	45571.8	46199.8	44786.0	43370.8	41957.1
0.0	62.5°	36181.9	38167.9	39150.4	40133.0	41115.5	41798.0	40322.8	38846.2	37371.0
0.0	65°	30200.2	31429.8	32212.7	32995.7	33778.6	34592.3	33241.3	31890.3	30539.3
0.0	67.5°	23929.6	24870.3	25901.6	26933.0	27964.4	28833.9	27752.3	26669.2	25587.6
	70°	19244.4	20513.1	21672.9	22832.6	23992.4	24704.2	23618.4	22531.2	21445.4
	72.5°	15289.2	16633.2	17601.8	18569.0	19537.5	19712.0	18913.7	18115.4	17318.5
	75°	9283.8	10084.9	10104.4	10122.6	10142.1	10308.2	9646.6	8985.1	8325.0
	77.5°	2738.2	3024.3	3260.2	3494.7	3730.5	4015.2	3772.4	3528.2	3285.3
	80°	792.7	865.3	926.7	986.7	1048.1	1011.8	954.6	897.4	840.2
	82.5°	142.4	134.0	132.6	131.2	131.2	124.2	113.0	101.9	90.7
	85°	25.1	23.7	22.3	20.9	19.5	18.1	15.4	14.0	11.2
	87.5°	8.4	7.0	5.6	4.2	4.2	1.4	1.4	1.4	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: P1049407

CATALOG NUMBER: GALN-SA5C-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°	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
0.0	0.0	2.5°	79.6	78.2	78.2	78.2	78.2	76.8	76.8	76.8	76.8
0.0	0.0	5°	87.9	87.9	86.5	86.5	85.1	85.1	83.7	83.7	82.3
0.0	0.0	7.5°	103.3	101.9	100.5	99.1	97.7	94.9	93.5	92.1	92.1
0.0	0.0	10°	124.2	121.4	120.0	117.2	115.8	113.0	110.3	107.5	104.7
0.0	0.0	12.5°	163.3	157.7	153.5	147.9	142.4	138.2	132.6	128.4	122.8
0.0	0.0	15°	283.3	269.4	254.0	235.9	216.3	198.2	178.6	167.5	154.9
0.0	0.0	17.5°	724.3	651.8	577.8	517.8	457.8	399.2	339.1	295.9	252.6
0.0	0.0	20°	1843.6	1642.7	1441.7	1243.5	1043.9	845.8	646.2	545.7	445.2
0.0	0.0	22.5°	3469.6	3096.9	2722.9	2361.4	1998.6	1637.1	1275.6	1048.1	822.0
0.0	0.0	25°	5355.1	4886.1	4417.2	3822.7	3226.7	2632.2	2037.6	1667.8	1297.9
0.0	0.0	27.5°	6968.4	6428.3	5888.2	5165.3	4442.3	3719.4	2996.4	2445.2	1895.3
0.0	0.0	30°	8365.5	7784.9	7204.3	6362.7	5521.1	4679.6	3838.0	3148.6	2459.1
0.0	0.0	32.5°	9576.9	8881.8	8186.8	7318.7	6450.6	5582.6	4714.5	3868.7	3023.0
0.0	0.0	35°	10973.9	10163.0	9350.8	8387.8	7423.4	6460.4	5497.4	4542.8	3586.8
0.0	0.0	37.5°	12749.1	11754.1	10757.6	9684.3	8611.1	7539.2	6466.0	5374.6	4283.2
0.0	0.0	40°	16147.5	14863.5	13579.6	12216.0	10851.1	9487.5	8124.0	6784.2	5444.4
0.0	0.0	42.5°	22236.7	20501.9	18767.1	16952.8	15137.1	13322.8	11507.0	9617.3	7726.3
0.0	0.0	45°	29108.8	26956.7	24803.3	22767.0	20729.4	18693.2	16656.9	14063.8	11470.7
0.0	0.0	47.5°	32973.3	30649.6	28325.9	26398.5	24471.1	22543.7	20616.4	17820.9	15025.4
0.0	0.0	50°	34395.5	32029.9	29664.3	27890.4	26115.2	24341.3	22566.1	19766.4	16965.4
0.0	0.0	52.5°	34698.3	32285.3	29872.2	28087.2	26302.2	24518.6	22733.5	19952.0	17170.5
0.0	0.0	55°	35320.8	32731.9	30141.6	28106.7	26071.9	24037.1	22002.2	19176.1	16349.9
0.0	0.0	57.5°	36134.5	33480.0	30825.4	28507.3	26189.1	23872.4	21554.2	18464.3	15374.3
0.0	0.0	60°	35920.9	33611.1	31300.0	28817.1	26332.9	23850.1	21365.8	17967.4	14567.7
0.0	0.0	62.5°	32214.1	30374.7	28533.8	26492.0	24448.8	22407.0	20365.1	16866.3	13367.4
0.0	0.0	65°	26501.8	25159.2	23816.6	22173.9	20529.8	18887.2	17244.5	14107.1	10971.1
0.0	0.0	67.5°	21478.9	19966.0	18451.7	17142.6	15832.1	14523.0	13212.5	10743.6	8274.7
		70°	17064.5	15419.0	13772.2	12493.7	11213.9	9935.5	8657.1	7015.9	5376.0
		72.5°	13551.6	12068.1	10584.5	9221.0	7856.0	6492.5	5127.6	4157.6	3187.6
		75°	6477.2	5884.0	5290.9	4577.7	3864.5	3151.3	2438.2	2015.3	1593.8
		77.5°	2400.5	2080.9	1759.9	1469.6	1179.3	890.4	600.1	549.9	499.6
		80°	621.1	541.5	460.6	403.3	344.7	287.5	230.3	208.0	187.0
		82.5°	71.2	65.6	61.4	58.6	54.4	51.6	47.5	43.3	39.1
		85°	4.2	2.8	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: P1049407

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	80.9	80.9
0.0	0.0	2.5°	75.4	74.0
0.0	0.0	5°	79.6	78.2
0.0	0.0	7.5°	87.9	85.1
0.0	0.0	10°	96.3	93.5
0.0	0.0	12.5°	108.9	104.7
0.0	0.0	15°	122.8	114.4
0.0	0.0	17.5°	146.5	128.4
0.0	0.0	20°	198.2	152.1
0.0	0.0	22.5°	279.1	189.8
0.0	0.0	25°	410.3	262.4
0.0	0.0	27.5°	570.8	348.9
0.0	0.0	30°	759.2	436.8
0.0	0.0	32.5°	925.3	520.6
0.0	0.0	35°	1141.6	605.7
0.0	0.0	37.5°	1408.2	714.6
0.0	0.0	40°	1821.3	879.3
0.0	0.0	42.5°	2565.2	1183.5
0.0	0.0	45°	4166.0	2046.0
0.0	0.0	47.5°	6410.2	3384.4
0.0	0.0	50°	7842.1	4319.5
0.0	0.0	52.5°	7959.3	4312.5
0.0	0.0	55°	7265.7	3833.8
0.0	0.0	57.5°	6199.4	3204.4
0.0	0.0	60°	5152.7	2534.5
0.0	0.0	62.5°	4059.9	1750.1
0.0	0.0	65°	2967.1	1237.9
0.0	0.0	67.5°	2131.1	925.3
		70°	1401.2	709.0
		72.5°	912.7	577.8
		75°	614.1	478.7
		77.5°	358.7	318.2
		80°	127.0	111.7
		82.5°	23.7	16.7
		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: P1049407

CATALOG NUMBER: GALN-SA5C-940-U-RBC

CANDELA DISTRIBUTION (continued):

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-16

Test Date: 10/11/2024

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

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

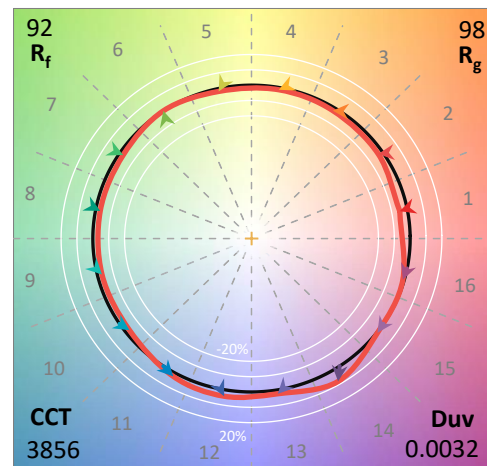
Test Information

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

Spectral Parameters

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

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



Test Conditions

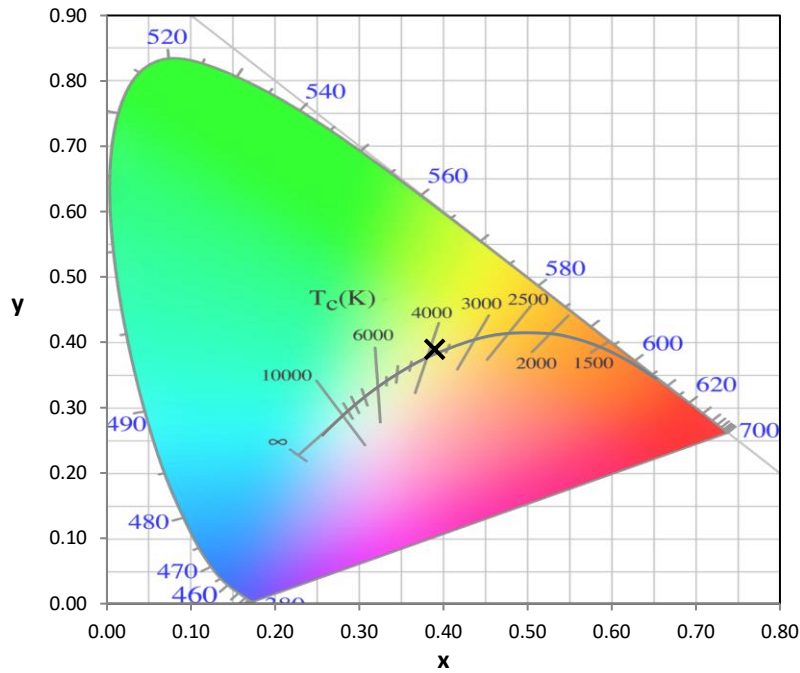
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

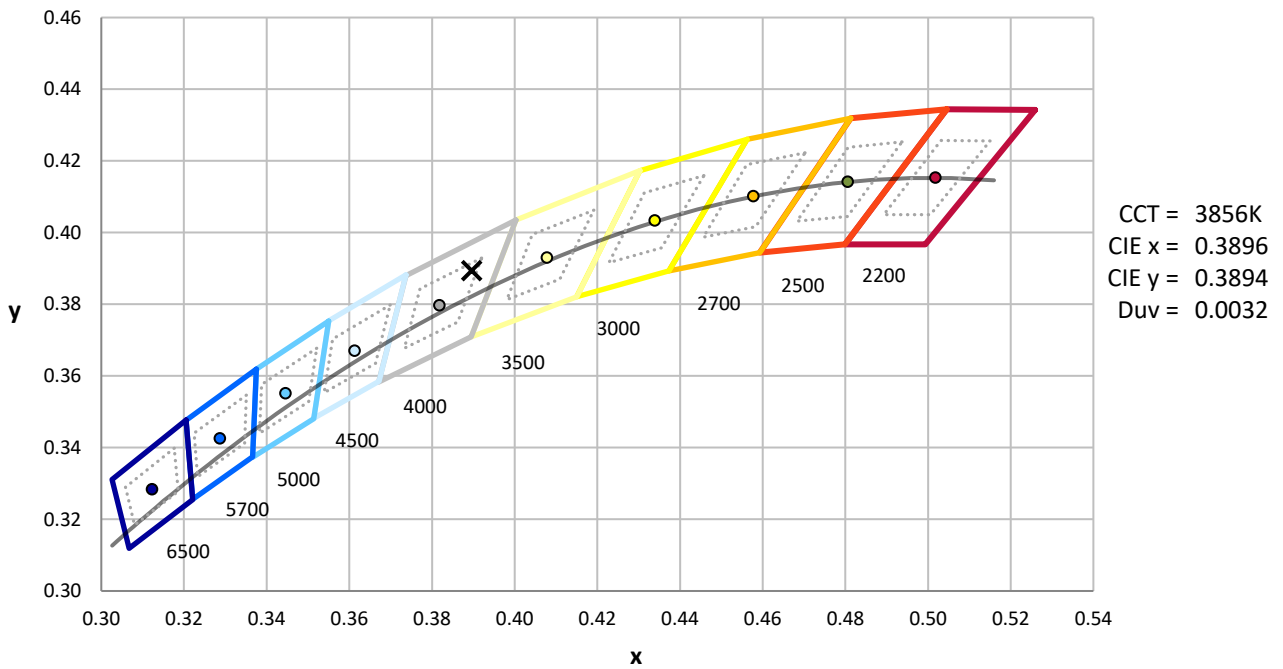
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-16

CIE 1931 Chromaticity Diagram



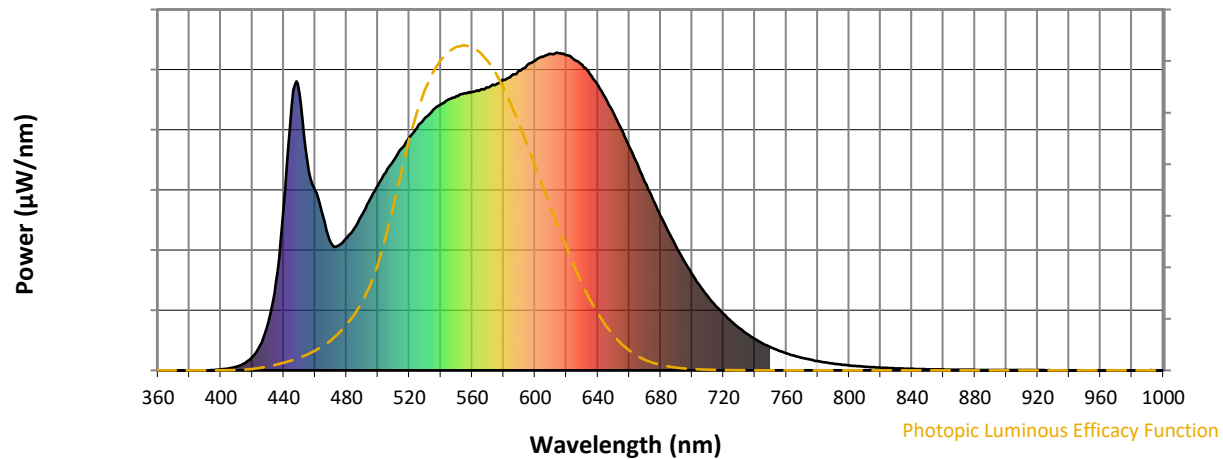
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

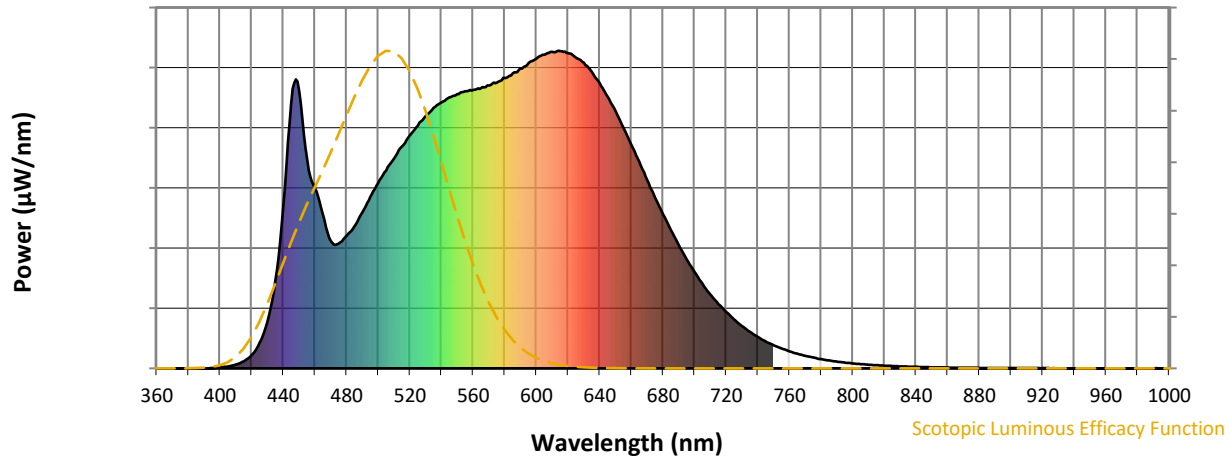


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-16

Scotopic Flux vs. Wavelength



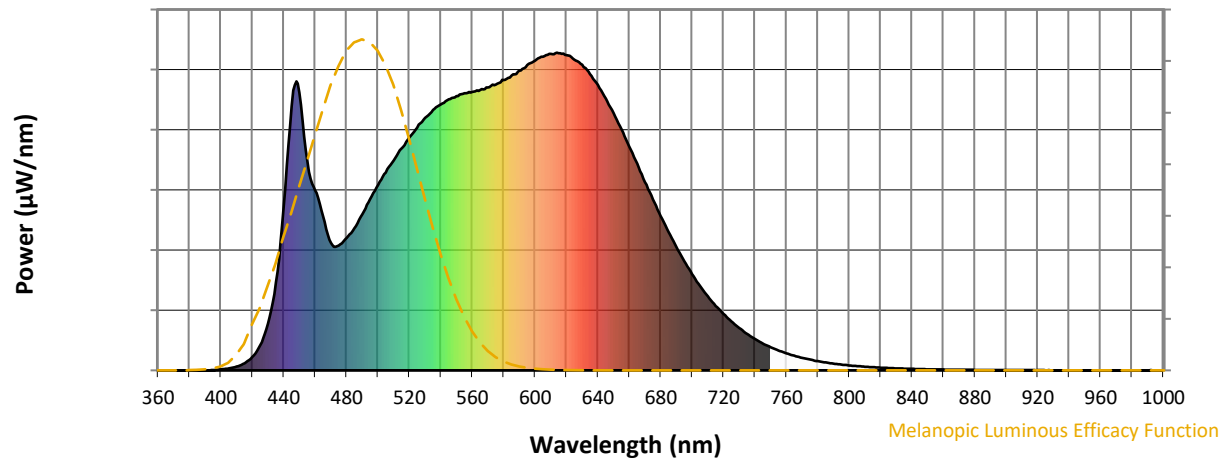
Scotopic Lumens: NR

S/P: 1.72

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

REPORT NUMBER: SP1-2407-184-16

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

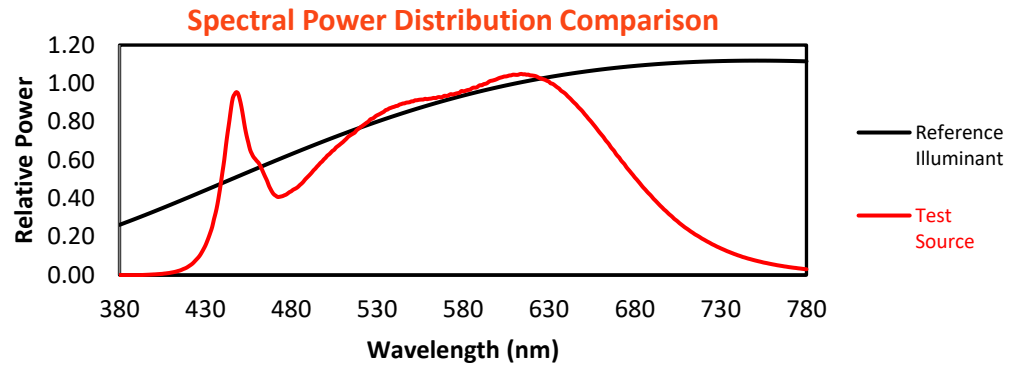
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583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

REPORT NUMBER: SP1-2407-184-16

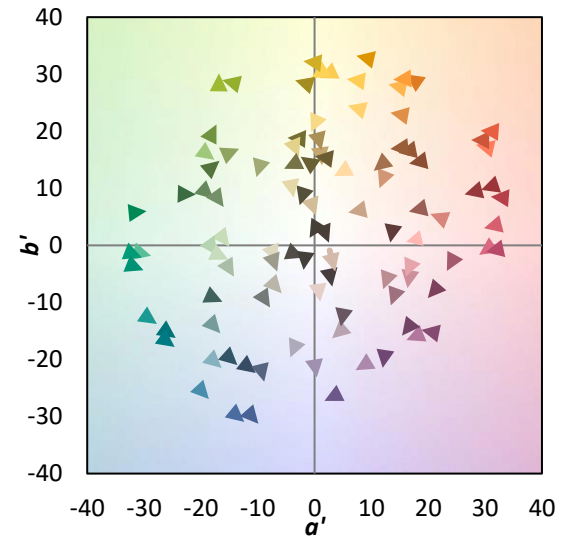
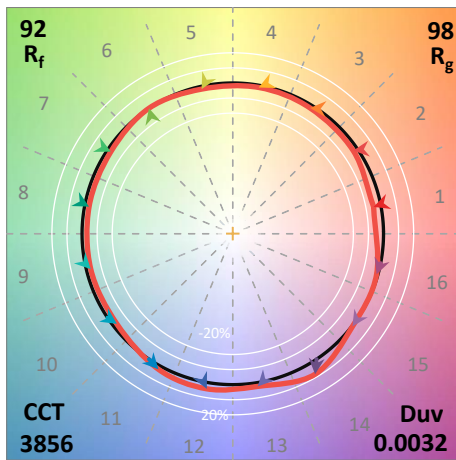
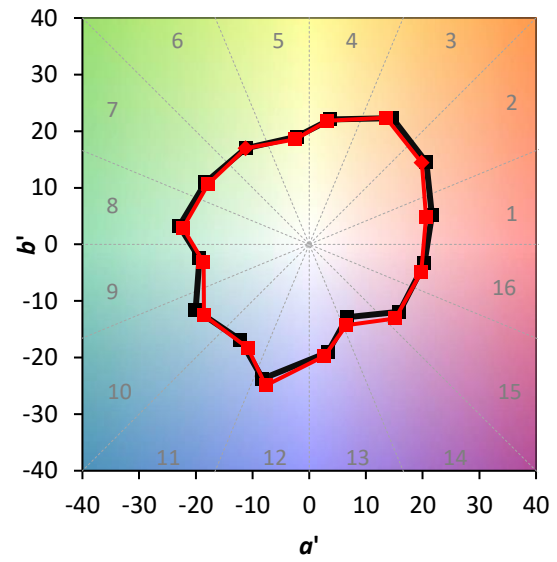
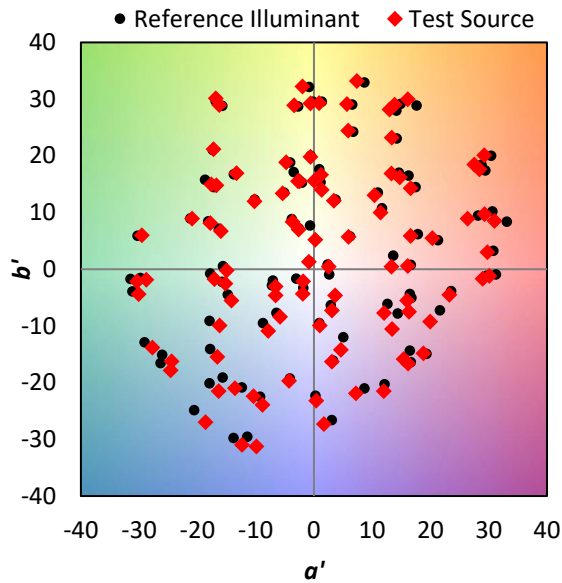
TM-30-18

Summary

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

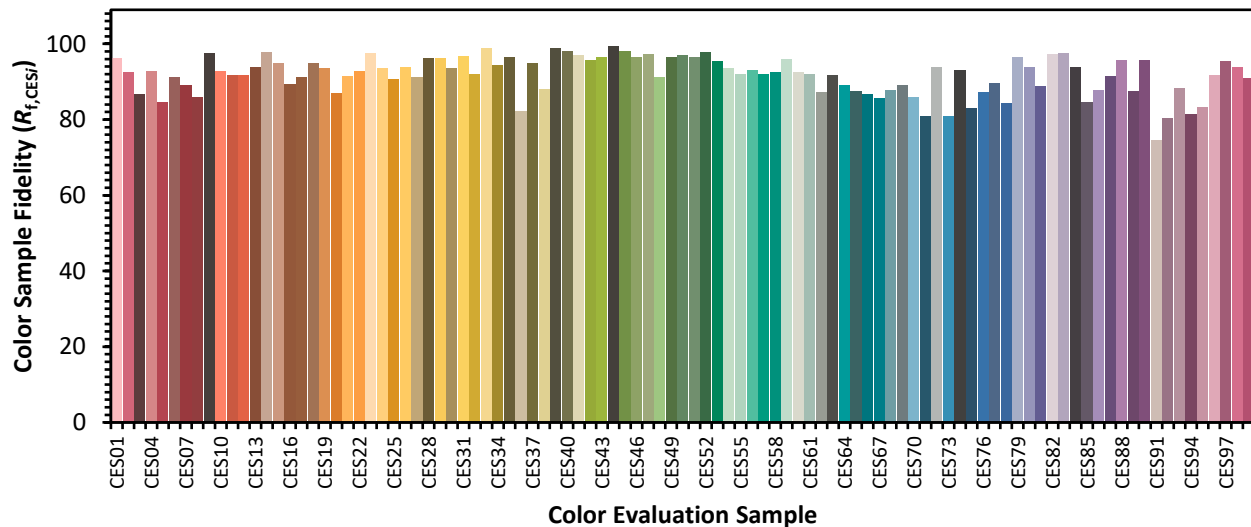


Color Vector Graphics

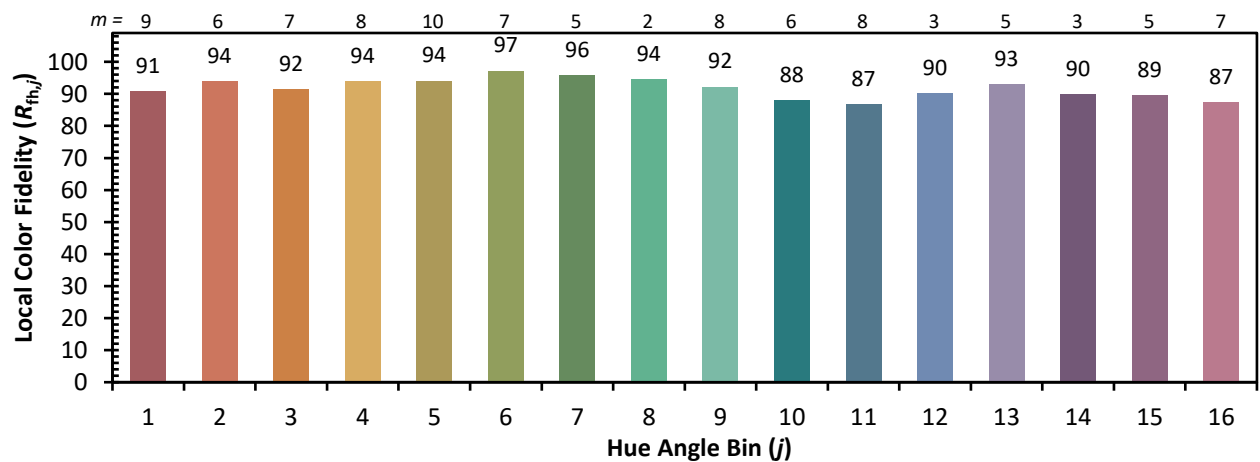
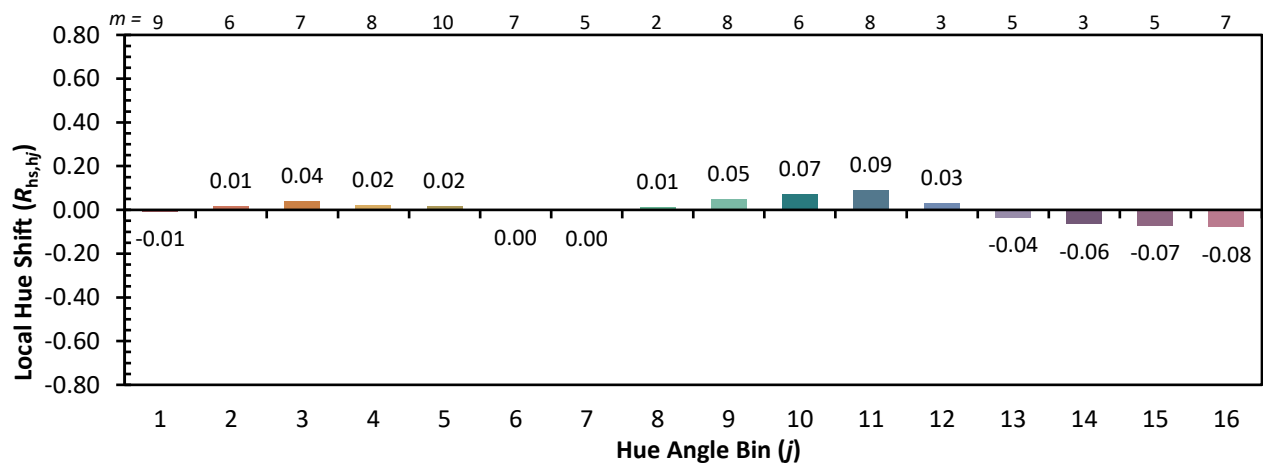
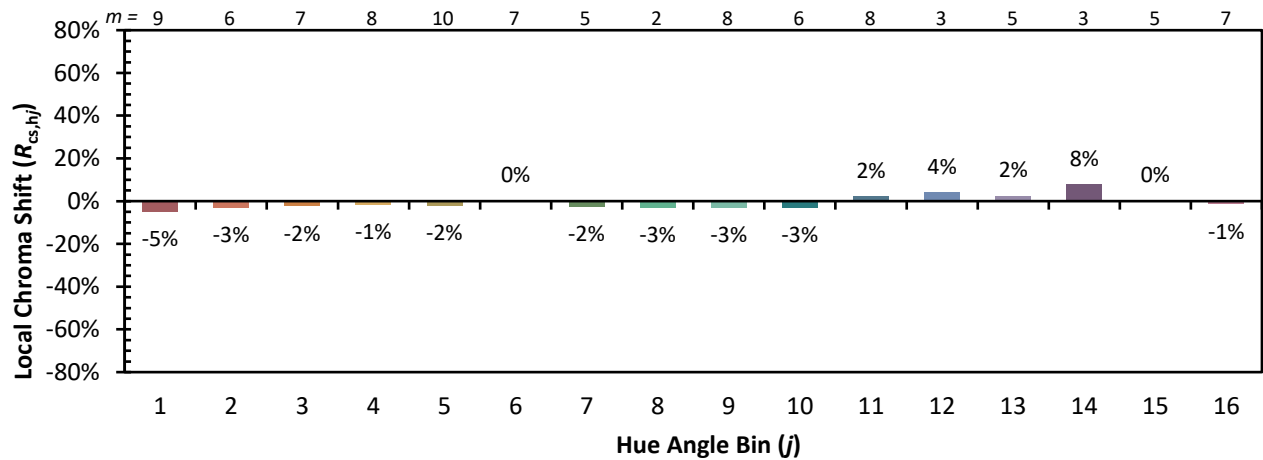


Individual Sample Fidelity Index ($R_{f,i}$)

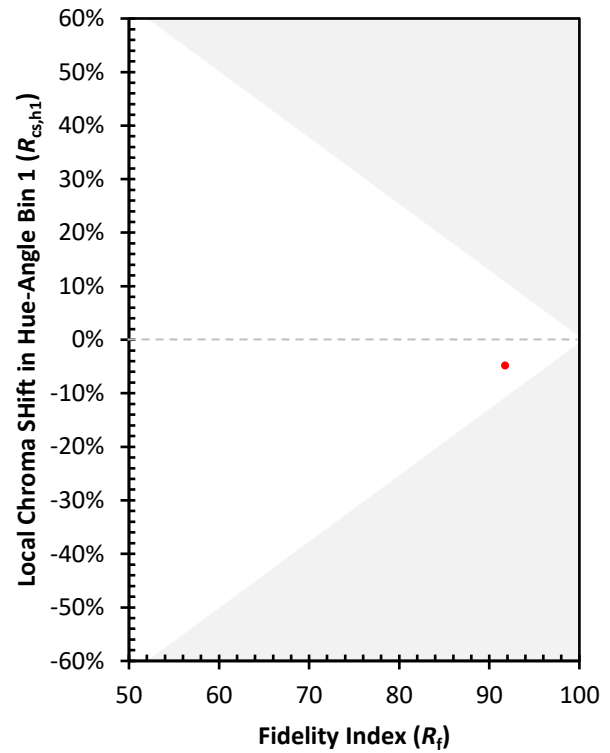
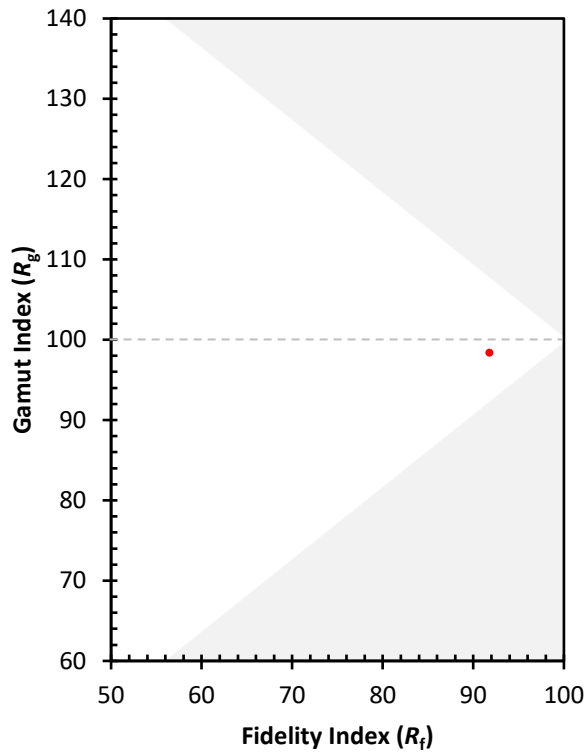
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 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)