

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: P1049389

Luminaire Tested: **GALN-SA1A-940-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049389
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1A-940-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
90CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (14) 4000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2433.6 lumens
Efficiency: N/A
Efficacy: 83.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

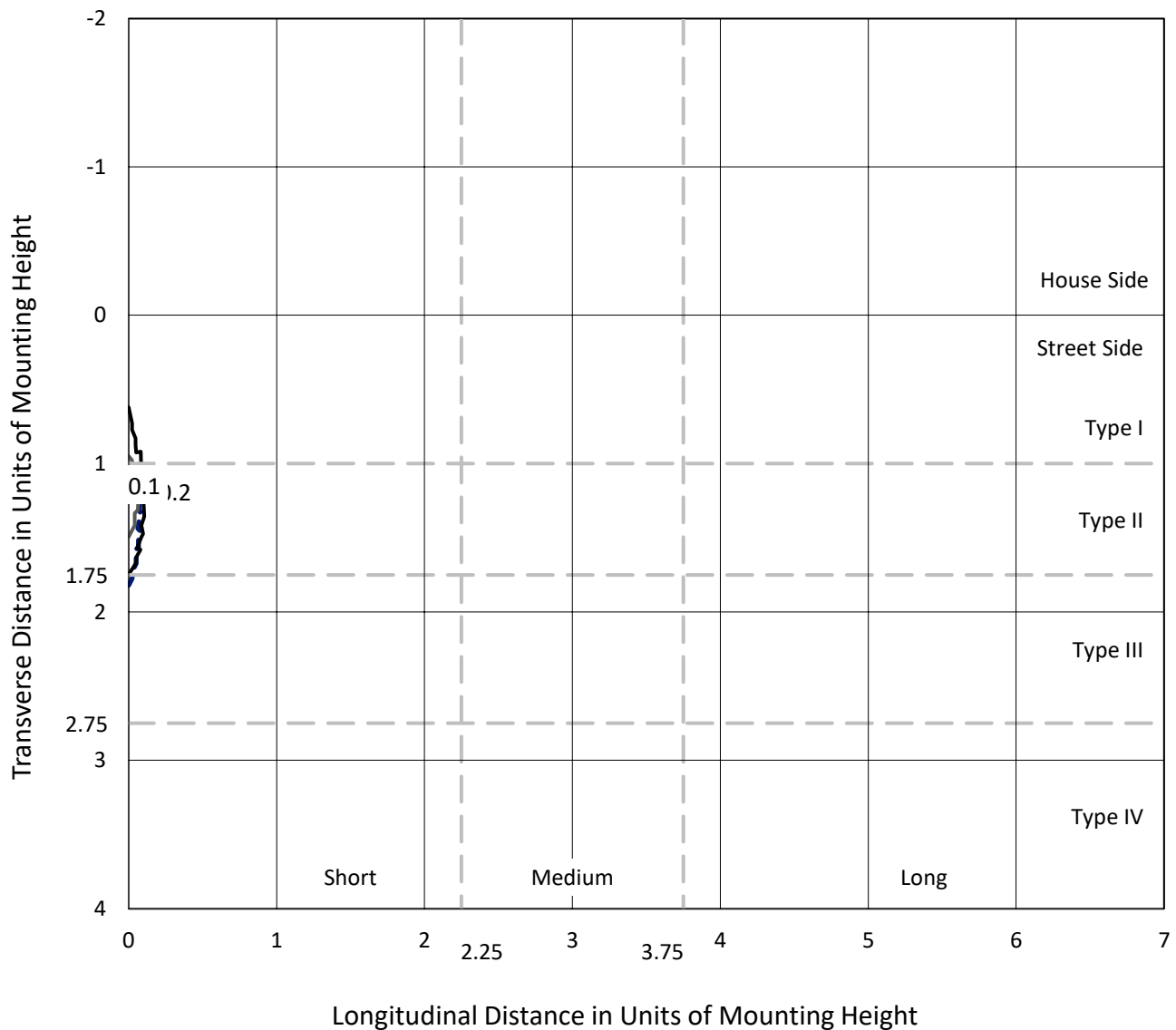
Input Watts (W): 29
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

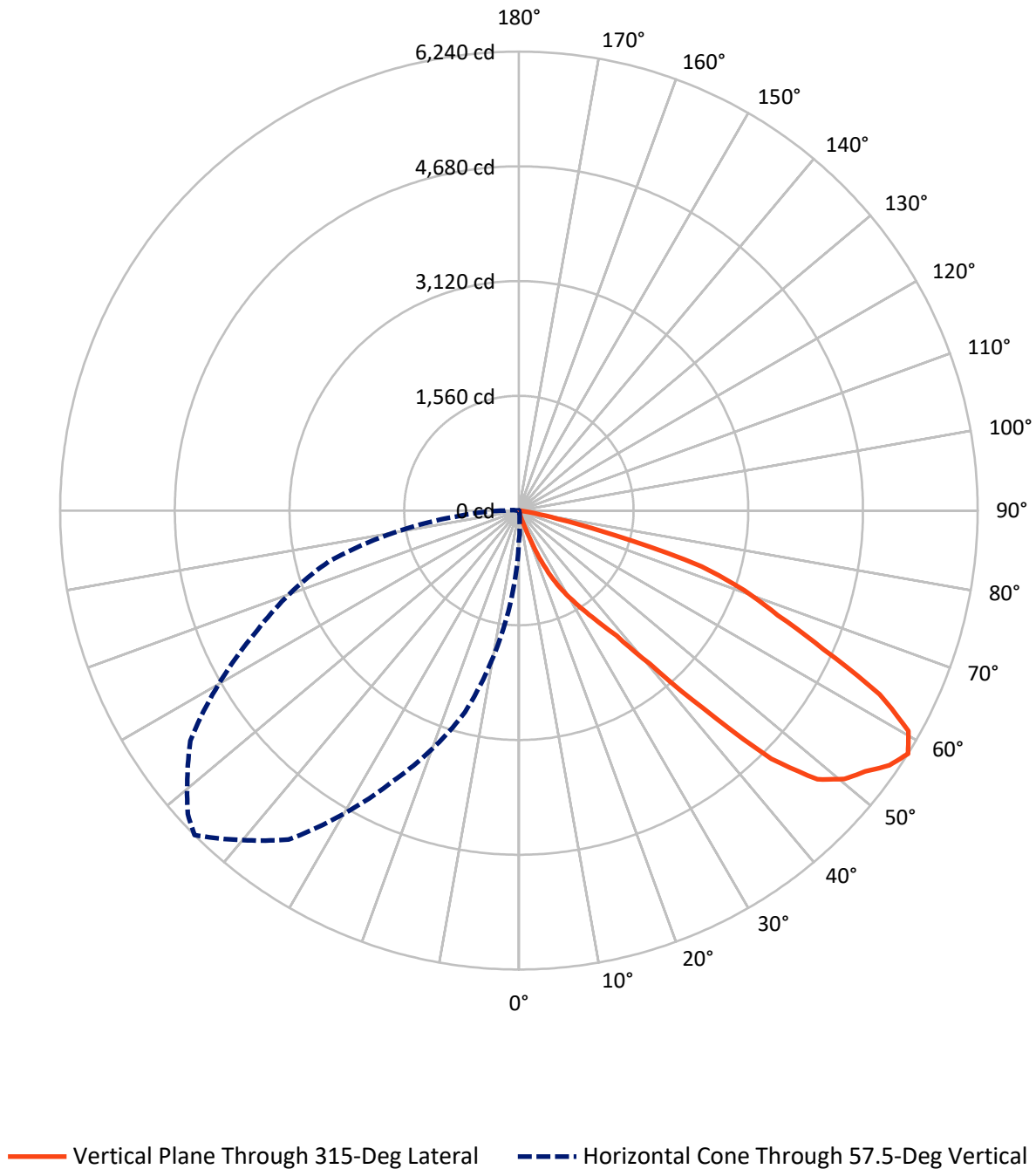
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 0.4 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	12.2	0.0	12.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	2421.4	0.0	2421.4
	% Fixture	99.5	0.0	99.5
Total	Lumens	2433.6	0.0	2433.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.0	0.0
10°-20°	5.3	0.2
20°-30°	57.7	2.4
30°-40°	170.5	7.0
40°-50°	508.3	20.9
50°-60°	805.9	33.1
60°-70°	672.8	27.6
70°-80°	207.5	8.5
80°-90°	4.6	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°	2433.6	100.0
0°-180°	2433.6	100.0



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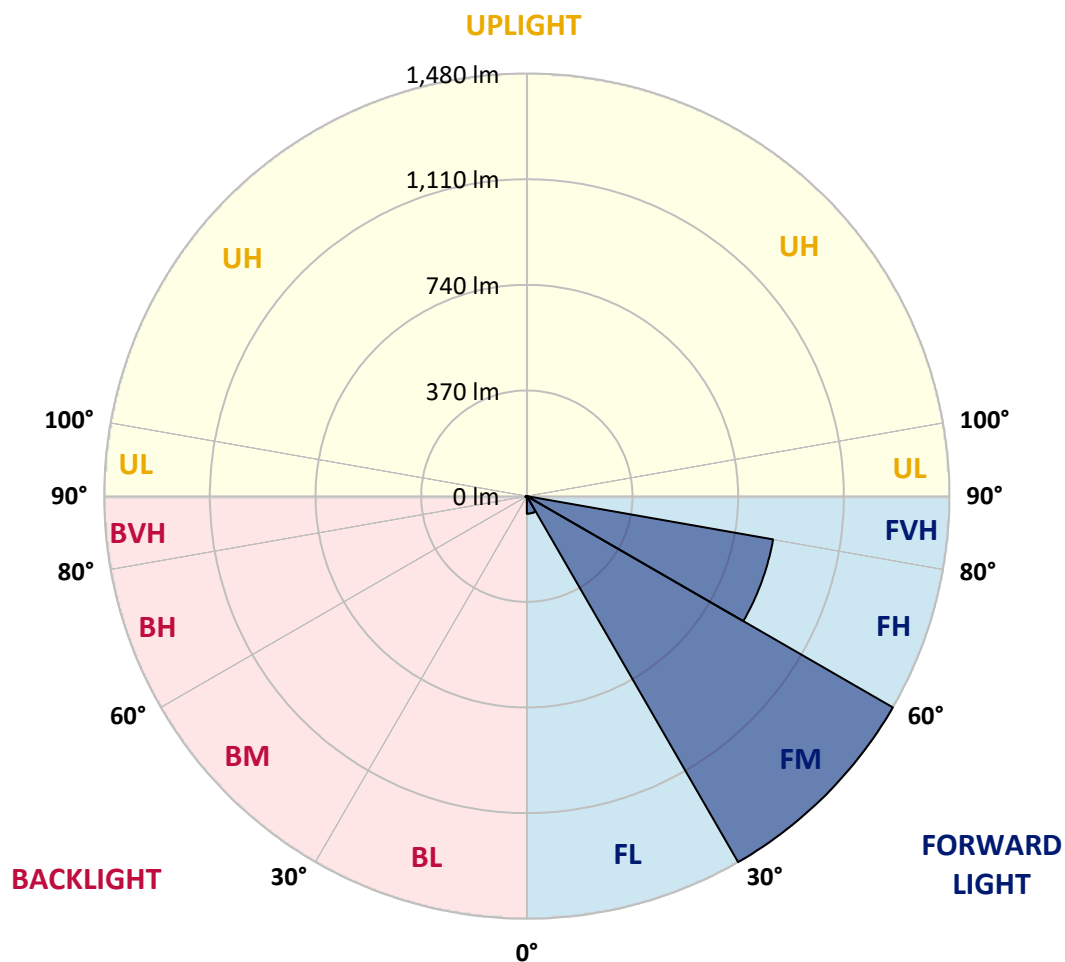
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	61.7	2.5			
FM	(30°-60°)	1480.4	60.8			
FH	(60°-80°)	875.7	36.0			G1/1800
FVH	(80°-90°)	3.6	0.1			G0/10
BL	(0°-30°)	2.2	0.1	B0/110		
BM	(30°-60°)	4.4	0.2	B0/220		
BH	(60°-80°)	4.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.0	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-G1

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°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
2.5°	9.7	9.7	9.7	9.7	9.6	9.6	9.4	9.4	9.2	9.2
5°	10.3	10.3	10.1	9.9	9.9	9.7	9.6	9.4	9.4	9.2
7.5°	11.2	11.0	10.9	10.7	10.3	10.1	9.7	9.6	9.4	9.0
10°	12.3	12.0	11.6	11.2	10.9	10.5	10.1	9.9	9.6	9.4
12.5°	13.8	13.2	12.5	12.0	11.6	11.0	10.7	10.3	9.7	9.4
15°	15.1	14.3	13.4	12.7	12.1	11.4	10.9	10.3	9.9	9.4
17.5°	16.9	15.6	14.2	13.2	12.5	11.6	10.7	10.1	9.6	8.8
20°	20.0	17.5	14.7	13.6	12.5	11.4	10.3	9.6	9.0	8.3
22.5°	25.0	20.6	16.2	14.5	13.1	11.4	9.9	9.2	8.5	7.7
25°	34.6	26.7	18.8	16.6	14.3	12.1	9.9	9.0	8.3	7.4
27.5°	46.0	34.2	22.3	19.1	16.2	13.1	9.9	8.8	7.9	6.8
30°	57.6	41.9	26.1	22.1	18.0	14.0	9.9	8.6	7.5	6.3
32.5°	68.6	49.1	29.4	24.6	19.9	14.9	10.1	8.6	7.2	5.7
35°	79.8	55.0	30.0	25.0	20.0	14.9	9.9	8.3	6.8	5.1
37.5°	94.2	61.6	28.9	23.9	19.1	14.2	9.4	7.9	6.4	4.8
40°	115.9	72.6	29.4	24.3	19.1	14.0	8.8	7.4	6.1	4.6
42.5°	156.0	94.0	31.8	25.9	20.0	14.0	8.1	6.8	5.7	4.4
45°	269.6	156.1	42.7	33.8	25.0	16.2	7.4	6.3	5.3	4.2
47.5°	446.0	261.3	76.7	59.2	41.9	24.5	7.2	6.3	5.3	4.2
50°	569.2	332.9	96.6	74.3	52.0	29.8	7.5	6.4	5.5	4.4
52.5°	568.3	338.0	107.6	82.6	57.7	32.7	7.9	6.8	5.9	4.8
55°	505.2	307.5	109.6	84.2	59.0	33.7	8.5	7.4	6.3	5.1
57.5°	422.2	261.1	100.0	77.4	55.0	32.4	9.7	8.5	7.4	6.1
60°	334.0	206.0	78.0	61.6	45.4	29.1	12.9	11.2	9.7	8.1
62.5°	230.6	149.3	68.0	54.6	41.4	28.0	14.7	13.1	11.6	9.9
65°	163.1	112.4	61.4	50.0	38.8	27.4	16.0	14.2	12.5	10.7
67.5°	121.9	89.4	56.6	46.9	37.1	27.4	17.7	15.4	13.4	11.2
70°	93.4	73.4	53.1	45.2	37.5	29.6	21.7	18.6	15.6	12.5
72.5°	76.1	62.7	49.1	43.4	37.7	32.0	26.3	22.3	18.2	14.0
75°	63.1	53.7	44.3	39.5	34.9	30.2	25.4	21.7	18.2	14.5
77.5°	41.9	38.3	34.4	31.6	28.9	25.9	23.2	20.0	17.1	14.0
80°	14.7	14.2	13.6	14.7	15.8	16.9	18.0	15.8	13.8	11.6
82.5°	2.2	2.0	1.8	2.0	2.2	2.4	2.6	2.8	2.9	3.1
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):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
0.0	2.5°	9.0	9.0	8.8	8.8	8.8	8.6	8.6	8.5	8.5	8.5
0.0	5°	8.8	8.8	8.6	8.5	8.3	8.3	8.1	7.9	7.9	7.7
0.0	7.5°	8.6	8.5	8.3	8.1	7.9	7.7	7.5	7.4	7.4	7.2
0.0	10°	8.8	8.5	8.3	7.9	7.7	7.5	7.2	7.0	6.8	6.8
0.0	12.5°	8.5	8.3	7.9	7.5	7.4	7.0	6.8	6.4	6.3	6.3
0.0	15°	8.5	8.1	7.5	7.2	6.8	6.6	6.3	5.9	5.7	5.5
0.0	17.5°	7.9	7.5	7.0	6.6	6.3	5.9	5.5	5.1	5.0	4.8
0.0	20°	7.2	6.8	6.3	5.7	5.3	5.0	4.6	4.2	4.0	3.9
0.0	22.5°	6.4	6.1	5.5	5.0	4.6	4.2	3.7	3.3	3.1	2.8
0.0	25°	6.1	5.5	5.0	4.4	3.9	3.5	2.9	2.4	2.0	1.7
0.0	27.5°	5.1	4.6	4.0	3.5	2.9	2.4	1.8	1.3	0.9	0.7
0.0	30°	4.4	3.9	3.3	2.8	2.0	1.5	0.9	0.2	0.2	0.2
0.0	32.5°	3.7	3.1	2.4	1.8	1.5	0.9	0.6	0.0	0.0	0.0
0.0	35°	2.9	2.4	1.7	1.1	0.9	0.6	0.4	0.0	0.0	0.0
0.0	37.5°	2.6	2.0	1.3	0.6	0.4	0.4	0.2	0.0	0.0	0.0
0.0	40°	2.4	1.7	0.9	0.2	0.2	0.2	0.0	0.0	0.0	0.0
0.0	42.5°	2.4	1.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	2.4	1.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	2.4	1.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	2.6	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	2.9	2.2	1.5	0.7	0.6	0.4	0.2	0.0	0.0	0.0
0.0	55°	3.7	3.3	2.8	2.4	1.8	1.3	0.6	0.0	0.0	0.0
0.0	57.5°	4.8	4.8	4.6	4.4	3.3	2.2	1.1	0.0	0.0	0.0
0.0	60°	6.4	6.4	6.4	6.4	4.8	3.3	1.7	0.0	0.0	0.0
0.0	62.5°	7.9	7.5	7.0	6.6	5.0	3.3	1.7	0.0	0.0	0.0
0.0	65°	7.9	7.2	6.3	5.3	4.0	2.8	1.3	0.0	0.0	0.0
0.0	67.5°	7.4	5.9	4.2	2.8	2.0	1.5	0.7	0.0	0.0	0.0
	70°	7.4	5.1	2.9	0.7	0.6	0.4	0.2	0.0	0.0	0.0
	72.5°	7.4	5.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	8.1	5.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	8.1	5.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	7.2	4.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	2.4	1.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[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°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
0.0	2.5°	8.3	8.3	8.3	8.1	8.1	8.1	8.1	7.9	7.9	7.9
0.0	5°	7.5	7.5	7.4	7.4	7.2	7.2	7.0	7.0	6.8	6.8
0.0	7.5°	7.0	6.8	6.8	6.6	6.4	6.4	6.3	6.3	6.1	5.9
0.0	10°	6.4	6.3	6.3	6.1	5.9	5.7	5.7	5.5	5.3	5.1
0.0	12.5°	5.9	5.7	5.5	5.3	5.1	5.0	5.0	4.8	4.6	4.4
0.0	15°	5.1	5.0	4.8	4.6	4.4	4.2	4.2	4.0	3.9	3.7
0.0	17.5°	4.4	4.2	4.2	4.0	3.9	3.7	3.5	3.1	2.9	2.8
0.0	20°	3.3	3.1	2.9	2.8	2.6	2.2	2.0	1.7	1.3	1.1
0.0	22.5°	2.2	1.8	1.7	1.3	0.9	0.7	0.6	0.2	0.0	0.0
0.0	25°	0.7	0.6	0.4	0.2	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-SA1A-940-U-RBC

[illegible]



REPORT NUMBER: P1049389

CATALOG NUMBER: GALN-SA1A-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°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
0.0	2.5°	7.7	7.7	7.7	7.5	7.5	7.5	7.5	7.5	7.5	7.5
0.0	5°	6.6	6.6	6.6	6.4	6.4	6.3	6.3	6.3	6.1	6.1
0.0	7.5°	5.7	5.5	5.5	5.3	5.3	5.1	5.1	5.1	5.0	5.0
0.0	10°	4.8	4.6	4.6	4.4	4.4	4.2	4.2	4.0	4.0	3.9
0.0	12.5°	4.2	4.0	3.9	3.7	3.7	3.5	3.3	3.3	3.1	2.9
0.0	15°	3.3	3.1	2.9	2.8	2.6	2.4	2.2	2.2	2.0	1.8
0.0	17.5°	2.2	1.8	1.7	1.5	1.5	1.3	1.1	0.9	0.7	0.6
0.0	20°	0.6	0.4	0.2	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



REPORT NUMBER: P1049389

CATALOG NUMBER: GALN-SA1A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049389

CATALOG NUMBER: GALN-SA1A-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°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
0.0	2.5°	7.5	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5
0.0	5°	6.1	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
0.0	7.5°	5.0	4.8	4.8	4.8	4.8	4.6	4.6	4.6	4.6	4.6
0.0	10°	3.9	3.7	3.7	3.7	3.7	3.5	3.5	3.5	3.5	3.5
0.0	12.5°	2.8	2.8	2.6	2.6	2.6	2.4	2.4	2.4	2.4	2.2
0.0	15°	1.7	1.5	1.3	1.3	1.3	1.1	1.1	1.1	1.1	0.9
0.0	17.5°	0.4	0.4	0.2	0.2	0.2	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



REPORT NUMBER: P1049389

CATALOG NUMBER: GALN-SA1A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049389

CATALOG NUMBER: GALN-SA1A-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°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
0.0	2.5°	7.7	7.7	7.9	7.9	8.1	8.5	8.6	8.8	9.2	9.6
0.0	5°	6.1	6.3	6.3	6.4	6.6	6.8	7.0	7.2	7.5	7.9
0.0	7.5°	4.8	4.8	5.0	5.0	5.1	5.5	5.7	5.9	6.3	6.8
0.0	10°	3.7	3.7	3.9	3.9	4.0	4.4	4.6	4.8	5.1	5.7
0.0	12.5°	2.4	2.6	2.6	2.8	2.9	3.3	3.5	3.7	4.0	4.4
0.0	15°	1.1	1.3	1.3	1.5	1.7	2.0	2.2	2.4	2.8	3.3
0.0	17.5°	0.2	0.2	0.4	0.4	0.6	0.7	0.9	1.1	1.7	2.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA1A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049389

CATALOG NUMBER: GALN-SA1A-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°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
0.0	2.5°	10.1	10.5	10.9	11.2	11.6	12.0	12.1	12.5	12.7	12.9
0.0	5°	8.6	9.0	9.6	9.9	10.3	10.7	11.0	11.2	11.4	11.6
0.0	7.5°	7.5	7.9	8.5	8.8	9.2	9.6	9.9	10.3	10.5	10.7
0.0	10°	6.4	7.0	7.4	7.9	8.3	8.6	9.0	9.4	9.7	9.9
0.0	12.5°	5.1	5.7	6.3	6.6	7.2	7.7	8.1	8.5	8.8	9.2
0.0	15°	4.0	4.6	5.1	5.5	6.1	6.6	7.2	7.5	7.9	8.3
0.0	17.5°	2.9	3.5	4.0	4.4	5.0	5.5	5.9	6.4	6.8	7.2
0.0	20°	1.5	2.0	2.6	3.1	3.7	4.2	4.6	5.1	5.5	5.9
0.0	22.5°	0.2	0.7	1.3	1.7	2.2	2.8	3.1	3.7	4.0	4.4
0.0	25°	0.0	0.2	0.6	0.7	0.9	1.3	1.7	2.0	2.4	2.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	1.1	1.5
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
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	0.2
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4
	85°	0.0	0.0	0.0	0.0	0.0	0.4	0.6	0.9	1.1	1.3
	87.5°	0.0	0.2	0.4	0.6	0.7	1.1	1.5	1.8	2.0	2.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049389

CATALOG NUMBER: GALN-SA1A-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
10.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.2											
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1.7											
2.4											
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REPORT NUMBER: P1049389

CATALOG NUMBER: GALN-SA1A-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°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
0.0	2.5°	13.1	13.1	13.1	13.1	12.9	12.9	12.9	12.7	12.7	12.5
0.0	5°	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.0	12.0
0.0	7.5°	11.0	11.2	11.4	11.4	11.6	11.6	11.6	11.4	11.4	11.2
0.0	10°	10.5	10.7	10.7	10.9	10.9	10.9	10.9	10.9	10.9	10.9
0.0	12.5°	9.7	9.9	10.1	10.1	10.3	10.3	10.3	10.3	10.1	10.1
0.0	15°	8.8	9.2	9.4	9.6	9.6	9.7	9.7	9.7	9.7	9.7
0.0	17.5°	8.1	8.5	8.6	8.8	8.8	9.0	9.0	9.2	9.2	9.2
0.0	20°	6.6	7.0	7.2	7.5	7.7	7.9	8.1	8.3	8.3	8.5
0.0	22.5°	5.1	5.5	5.7	6.1	6.3	6.4	6.6	6.8	7.0	7.2
0.0	25°	3.7	4.0	4.2	4.6	4.8	5.0	5.1	5.3	5.3	5.5
0.0	27.5°	2.0	2.4	2.8	2.9	3.3	3.5	3.7	3.9	4.0	4.2
0.0	30°	0.9	1.1	1.3	1.7	1.8	2.0	2.2	2.6	2.8	2.9
0.0	32.5°	0.0	0.0	0.2	0.6	0.7	0.9	1.1	1.3	1.3	1.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.7
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	82.5°	0.9	1.1	1.3	1.3	1.5	1.5	1.5	1.5	1.3	1.3
	85°	1.8	2.0	2.2	2.2	2.4	2.4	2.4	2.4	2.4	2.4
	87.5°	2.6	2.8	2.9	2.9	3.1	3.1	3.1	3.1	3.1	3.1
	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: P1049389

CATALOG NUMBER: GALN-SA1A-940-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
10.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.6											
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REPORT NUMBER: P1049389

CATALOG NUMBER: GALN-SA1A-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°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
0.0	2.5°	12.3	12.3	12.1	12.1	12.1	12.1	12.1	12.3	12.5	12.5
0.0	5°	11.8	11.8	11.6	11.6	11.6	11.8	11.8	12.0	12.1	12.3
0.0	7.5°	11.2	11.0	11.0	11.2	11.2	11.4	11.4	11.6	11.8	12.0
0.0	10°	10.9	10.7	10.7	10.7	10.9	10.9	11.0	11.2	11.4	11.6
0.0	12.5°	10.1	10.1	10.1	10.1	10.3	10.3	10.5	10.7	11.0	11.2
0.0	15°	9.7	9.6	9.6	9.6	9.6	9.7	9.7	10.1	10.5	10.7
0.0	17.5°	9.0	9.0	8.8	8.8	9.0	9.0	9.2	9.6	9.9	10.1
0.0	20°	8.3	8.1	7.9	7.9	8.1	8.1	8.3	8.6	9.0	9.2
0.0	22.5°	7.2	7.0	7.0	7.0	7.0	7.2	7.2	7.5	8.1	8.5
0.0	25°	5.7	5.9	5.9	6.1	6.1	6.3	6.4	6.8	7.4	7.7
0.0	27.5°	4.4	4.6	4.6	5.0	5.1	5.3	5.5	6.1	6.6	7.0
0.0	30°	3.3	3.5	3.7	3.9	4.2	4.6	5.0	5.5	6.1	6.4
0.0	32.5°	2.0	2.4	2.6	2.9	3.3	3.7	4.0	4.6	5.3	5.9
0.0	35°	1.5	1.7	2.0	2.2	2.6	2.9	3.3	4.0	4.6	5.3
0.0	37.5°	0.7	1.1	1.5	1.8	2.2	2.6	2.9	3.7	4.4	5.0
0.0	40°	0.6	0.9	1.1	1.5	2.0	2.4	2.8	3.5	4.2	5.0
0.0	42.5°	0.4	0.6	0.7	1.3	1.7	2.2	2.8	3.5	4.2	5.0
0.0	45°	0.4	0.4	0.6	1.1	1.7	2.4	2.9	3.7	4.2	5.0
0.0	47.5°	0.4	0.6	0.7	1.5	1.8	2.4	2.9	3.5	4.2	4.8
0.0	50°	0.6	0.7	0.9	1.7	2.0	2.6	2.9	3.7	4.2	5.0
0.0	52.5°	0.4	0.6	0.7	1.5	2.0	2.8	3.3	4.0	4.8	5.3
0.0	55°	0.2	0.2	0.2	1.1	2.2	3.1	4.2	4.8	5.5	6.1
0.0	57.5°	0.0	0.0	0.0	0.7	2.2	3.5	4.8	5.5	6.3	6.8
0.0	60°	0.0	0.0	0.0	0.7	2.2	3.5	4.8	5.7	6.6	7.5
0.0	62.5°	0.0	0.0	0.0	0.7	1.8	2.9	4.0	5.5	7.2	8.6
0.0	65°	0.0	0.0	0.0	0.6	1.5	2.4	3.3	5.5	7.7	9.7
0.0	67.5°	0.0	0.0	0.0	0.6	1.5	2.2	3.1	5.5	7.7	10.1
	70°	0.0	0.0	0.0	0.6	1.5	2.4	3.3	5.5	7.7	9.9
	72.5°	0.0	0.0	0.0	0.6	1.7	2.6	3.7	5.5	7.4	9.2
	75°	0.0	0.0	0.0	0.7	1.7	2.8	3.9	5.5	7.2	8.6
	77.5°	0.0	0.0	0.0	0.6	1.7	2.6	3.7	5.3	7.0	8.5
	80°	0.6	0.4	0.4	0.9	1.7	2.4	3.1	4.8	6.6	8.3
	82.5°	1.1	1.1	0.9	1.3	1.7	2.2	2.8	4.2	5.9	7.4
	85°	2.2	2.2	2.0	2.2	2.2	2.4	2.6	3.3	4.0	4.8
	87.5°	2.9	2.9	2.8	2.8	2.8	2.6	2.6	2.6	2.6	2.4
	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):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
10.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.1											
11.0											
10.3											
10.1											
9.9											
8.8											
5.5											
2.4											
0.0											
0.0											
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REPORT NUMBER: P1049389

CATALOG NUMBER: GALN-SA1A-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°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
0.0	2.5°	12.9	13.1	13.1	13.2	13.4	13.6	13.6	13.8	13.8	13.8
0.0	5°	12.7	13.1	13.2	13.4	13.6	13.8	14.0	14.2	14.3	14.3
0.0	7.5°	12.5	12.7	13.1	13.2	13.6	13.8	14.2	14.3	14.5	14.7
0.0	10°	12.1	12.5	12.9	13.2	13.6	14.0	14.3	14.7	15.1	15.3
0.0	12.5°	11.8	12.3	12.7	13.1	13.6	14.2	14.5	15.1	15.4	15.8
0.0	15°	11.6	12.0	12.5	12.9	13.6	14.3	14.9	15.6	16.4	16.9
0.0	17.5°	11.0	11.8	12.3	12.9	13.6	14.5	15.3	16.0	17.1	18.2
0.0	20°	10.3	10.9	11.6	12.1	13.2	14.2	15.3	16.2	17.8	19.5
0.0	22.5°	9.6	10.3	10.9	11.6	12.9	14.0	15.3	16.4	19.1	21.7
0.0	25°	8.8	9.7	10.5	11.2	12.7	14.2	15.6	17.1	21.7	26.3
0.0	27.5°	8.5	9.2	10.1	10.9	12.7	14.7	16.6	18.4	25.7	32.9
0.0	30°	7.9	8.8	9.6	10.5	12.9	15.3	17.7	20.0	31.3	42.5
0.0	32.5°	7.4	8.3	9.2	10.1	13.2	16.4	19.3	22.4	37.1	51.7
0.0	35°	6.8	7.9	8.8	9.7	13.8	18.0	22.1	26.1	42.5	58.7
0.0	37.5°	6.6	7.7	8.6	9.6	14.0	18.2	22.6	26.9	43.0	59.2
0.0	40°	6.8	7.7	8.8	9.7	13.4	17.1	20.6	24.3	41.2	57.9
0.0	42.5°	6.8	7.9	9.0	10.1	13.1	16.0	18.9	21.9	40.6	59.4
0.0	45°	6.6	7.7	8.8	9.9	12.7	15.3	18.0	20.6	44.0	67.1
0.0	47.5°	6.4	7.5	8.6	9.7	12.5	15.3	18.0	20.8	56.8	92.7
0.0	50°	6.4	7.5	8.5	9.4	12.7	16.2	19.5	22.8	82.8	142.5
0.0	52.5°	6.8	7.7	8.5	9.2	13.1	17.1	21.0	24.8	105.2	185.4
0.0	55°	7.4	7.9	8.6	9.2	14.0	18.6	23.4	28.0	112.0	196.0
0.0	57.5°	8.1	8.6	9.2	9.7	15.6	21.5	27.2	33.1	112.5	191.8
0.0	60°	9.0	9.7	10.3	10.9	17.1	23.5	29.8	36.0	101.9	167.5
0.0	62.5°	11.0	12.0	12.7	13.6	19.7	25.6	31.6	37.5	84.6	131.7
0.0	65°	12.7	13.4	14.2	14.9	20.8	26.9	32.7	38.6	71.7	104.8
0.0	67.5°	13.1	13.8	14.3	15.1	21.1	27.2	33.1	39.2	61.4	83.5
	70°	13.2	14.2	15.3	16.2	22.4	28.7	34.8	41.0	54.4	67.9
	72.5°	12.7	14.5	16.2	17.8	23.7	29.4	35.3	41.0	50.6	60.1
	75°	12.7	15.3	17.7	20.0	24.5	28.7	33.1	37.3	44.7	52.0
	77.5°	13.4	16.7	20.0	23.4	25.9	28.3	30.9	33.3	38.1	42.8
	80°	13.4	16.9	20.2	23.7	24.8	26.1	27.2	28.3	28.9	29.4
	82.5°	11.6	14.3	17.1	19.9	18.6	17.3	16.0	14.7	13.8	12.7
	85°	5.9	6.4	6.8	7.2	6.6	6.1	5.5	5.0	4.6	4.0
	87.5°	2.4	2.4	2.2	2.2	2.2	2.2	2.0	2.0	2.0	2.0
	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: P1049389

CATALOG NUMBER: GALN-SA1A-940-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
10.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
272.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
416.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
524.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
536.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
484.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
414.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
323.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
244.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.8											
95.1											
69.1											
52.0											
29.2											
13.2											
3.9											
1.8											
0.0											
0.0											
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REPORT NUMBER: P1049389

CATALOG NUMBER: GALN-SA1A-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°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
0.0	2.5°	13.8	13.6	13.6	13.4	13.2	13.1	12.9	12.7	12.5	12.3
0.0	5°	14.3	14.3	14.3	14.2	14.2	14.0	14.0	13.8	13.6	13.4
0.0	7.5°	14.9	15.1	15.1	15.3	15.3	15.3	15.3	15.1	15.1	15.1
0.0	10°	15.8	16.0	16.2	16.4	16.6	16.7	16.7	16.9	16.9	16.9
0.0	12.5°	16.9	17.5	17.8	18.4	18.8	19.3	19.7	20.2	20.6	21.0
0.0	15°	18.6	19.5	20.6	21.5	22.4	23.7	25.2	26.5	27.8	29.8
0.0	17.5°	21.0	23.9	26.9	29.6	32.6	39.0	45.4	51.7	58.1	67.5
0.0	20°	25.6	34.4	43.0	51.9	60.5	83.1	105.6	128.2	150.6	174.7
0.0	22.5°	35.9	57.6	79.3	101.0	122.7	169.9	217.0	264.3	311.4	366.7
0.0	25°	52.0	92.0	131.9	171.6	211.5	285.4	359.5	433.5	507.4	579.3
0.0	27.5°	75.8	136.8	197.9	258.8	319.8	420.0	520.5	620.7	720.9	802.2
0.0	30°	105.0	187.8	270.5	353.3	436.0	550.1	664.1	777.9	891.9	980.8
0.0	32.5°	132.6	233.9	335.3	436.4	537.7	667.6	797.6	927.4	1057.3	1154.4
0.0	35°	150.6	273.1	395.8	518.2	640.7	781.2	921.7	1062.1	1202.6	1313.4
0.0	37.5°	168.6	310.1	451.3	592.7	734.0	888.3	1042.6	1196.9	1351.1	1488.2
0.0	40°	188.9	354.8	520.5	686.3	852.0	1034.8	1217.5	1400.3	1582.9	1776.2
0.0	42.5°	224.0	428.9	633.9	838.8	1043.7	1285.5	1527.3	1769.0	2010.8	2286.7
0.0	45°	290.0	578.7	867.7	1156.4	1445.1	1765.5	2086.0	2406.4	2726.8	3093.8
0.0	47.5°	451.7	848.9	1246.0	1643.2	2040.2	2386.2	2731.9	3077.8	3423.6	3789.2
0.0	50°	691.1	1153.5	1615.8	2077.9	2540.3	2853.3	3166.1	3479.1	3791.9	4139.7
0.0	52.5°	864.4	1346.0	1827.8	2309.5	2791.1	3073.6	3356.3	3638.7	3921.2	4246.2
0.0	55°	877.4	1356.3	1835.4	2314.3	2793.1	3076.9	3360.7	3644.4	3928.2	4272.7
0.0	57.5°	776.8	1251.8	1726.7	2201.7	2676.6	2999.7	3322.6	3645.7	3968.7	4341.1
0.0	60°	660.8	1136.0	1611.0	2086.2	2561.2	2933.5	3305.9	3678.1	4050.3	4399.2
0.0	62.5°	515.5	1004.3	1493.3	1982.1	2470.9	2848.9	3226.8	3604.5	3982.5	4244.2
0.0	65°	384.2	858.8	1333.5	1808.0	2282.6	2585.3	2888.0	3190.6	3493.3	3655.3
0.0	67.5°	277.7	687.1	1096.3	1505.6	1914.8	2131.5	2348.1	2564.6	2781.2	2905.1
	70°	187.8	471.3	754.7	1038.3	1321.7	1499.7	1677.9	1856.0	2034.0	2201.3
	72.5°	130.0	289.3	448.7	608.0	767.3	946.4	1125.3	1304.4	1483.4	1660.5
	75°	86.3	158.7	231.4	303.8	376.3	508.9	641.6	774.2	906.8	1012.4
	77.5°	61.2	82.9	104.8	126.5	148.2	173.1	198.1	222.9	247.7	285.4
	80°	29.1	31.8	34.6	37.1	39.9	48.9	57.9	66.9	76.0	85.5
	82.5°	13.8	14.9	16.0	16.9	18.0	18.9	19.9	20.8	21.7	20.8
	85°	3.7	3.7	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.7
	87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.5	1.3
	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°
10.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.0	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
199.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
422.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
651.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
883.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1069.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1251.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1424.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1625.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2562.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3460.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4154.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4487.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4571.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4617.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4713.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4747.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4506.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3817.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3029.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2368.5											
1837.6											
1118.0											
323.1											
95.1											
19.7											
3.5											
1.3											
0.0											
0.0											
0.0											
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°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
0.0	2.5°	12.0	11.8	11.6	11.4	11.2	10.9	10.9	10.7	10.7
0.0	5°	13.1	12.9	12.7	12.5	12.5	12.3	12.1	12.1	12.0
0.0	7.5°	14.9	14.7	14.5	14.3	14.3	14.2	14.2	14.0	14.0
0.0	10°	17.1	17.1	17.1	17.1	17.1	16.9	16.9	16.9	16.7
0.0	12.5°	21.5	21.7	22.1	22.4	23.0	23.0	23.0	22.8	22.8
0.0	15°	34.0	36.0	37.5	39.0	40.3	43.2	42.8	42.3	41.9
0.0	17.5°	86.1	95.3	100.2	105.0	110.0	123.6	121.4	119.2	117.1
0.0	20°	223.1	247.2	263.2	279.2	295.4	320.9	314.7	308.4	302.2
0.0	22.5°	477.2	532.6	556.7	580.8	604.7	635.6	615.5	595.5	575.6
0.0	25°	722.9	794.8	835.5	876.1	916.6	934.2	908.1	881.8	855.7
0.0	27.5°	964.8	1046.1	1081.9	1117.6	1153.5	1190.4	1158.0	1125.5	1093.1
0.0	30°	1158.6	1247.4	1286.2	1324.9	1363.7	1389.4	1355.9	1322.3	1288.8
0.0	32.5°	1348.8	1445.9	1488.3	1530.8	1573.1	1610.1	1568.9	1527.5	1486.3
0.0	35°	1535.1	1645.9	1704.4	1762.9	1821.4	1855.8	1806.9	1757.8	1708.8
0.0	37.5°	1762.4	1899.4	1964.8	2030.3	2095.8	2158.5	2104.6	2050.5	1996.7
0.0	40°	2162.7	2356.0	2456.4	2557.0	2657.4	2738.3	2670.3	2602.3	2534.2
0.0	42.5°	2838.4	3114.2	3258.6	3402.8	3547.2	3673.5	3602.0	3530.4	3458.9
0.0	45°	3828.0	4195.1	4371.1	4546.9	4722.9	4815.2	4712.2	4609.0	4506.0
0.0	47.5°	4520.2	4885.8	5042.5	5199.2	5355.9	5461.2	5335.3	5209.3	5083.5
0.0	50°	4835.0	5182.8	5340.0	5497.1	5654.3	5738.0	5592.5	5446.9	5301.4
0.0	52.5°	4895.9	5220.9	5408.5	5596.2	5783.8	5895.6	5723.9	5551.9	5380.1
0.0	55°	4961.8	5306.2	5523.8	5741.5	5959.1	6113.9	5919.7	5725.3	5531.1
0.0	57.5°	5085.7	5458.1	5675.1	5891.9	6109.0	6240.4	6045.7	5850.7	5656.0
0.0	60°	5096.7	5445.4	5631.9	5818.6	6005.0	6087.8	5901.5	5715.0	5528.7
0.0	62.5°	4767.7	5029.4	5158.9	5288.4	5417.8	5507.8	5313.4	5118.8	4924.4
0.0	65°	3979.5	4141.5	4244.7	4347.9	4451.0	4558.3	4380.2	4202.2	4024.2
0.0	67.5°	3153.2	3277.2	3413.1	3549.0	3684.9	3799.5	3656.9	3514.2	3371.7
	70°	2535.9	2703.0	2855.9	3008.7	3161.5	3255.3	3112.2	2969.0	2825.9
	72.5°	2014.7	2191.8	2319.4	2446.9	2574.5	2597.5	2492.3	2387.1	2282.1
	75°	1223.3	1328.9	1331.5	1333.9	1336.4	1358.3	1271.2	1184.0	1097.0
	77.5°	360.8	398.5	429.6	460.5	491.6	529.1	497.1	464.9	432.9
	80°	104.5	114.0	122.1	130.0	138.1	133.3	125.8	118.3	110.7
	82.5°	18.8	17.7	17.5	17.3	17.3	16.4	14.9	13.4	12.0
	85°	3.3	3.1	2.9	2.8	2.6	2.4	2.0	1.8	1.5
	87.5°	1.1	0.9	0.7	0.6	0.6	0.2	0.2	0.2	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: P1049389

CATALOG NUMBER: GALN-SA1A-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°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
0.0	0.0	2.5°	10.5	10.3	10.3	10.3	10.3	10.1	10.1	10.1	10.1
0.0	0.0	5°	11.6	11.6	11.4	11.4	11.2	11.2	11.0	11.0	10.9
0.0	0.0	7.5°	13.6	13.4	13.2	13.1	12.9	12.5	12.3	12.1	12.1
0.0	0.0	10°	16.4	16.0	15.8	15.4	15.3	14.9	14.5	14.2	13.8
0.0	0.0	12.5°	21.5	20.8	20.2	19.5	18.8	18.2	17.5	16.9	16.2
0.0	0.0	15°	37.3	35.5	33.5	31.1	28.5	26.1	23.5	22.1	20.4
0.0	0.0	17.5°	95.4	85.9	76.1	68.2	60.3	52.6	44.7	39.0	33.3
0.0	0.0	20°	242.9	216.5	190.0	163.9	137.6	111.4	85.1	71.9	58.7
0.0	0.0	22.5°	457.2	408.1	358.8	311.2	263.4	215.7	168.1	138.1	108.3
0.0	0.0	25°	705.6	643.9	582.1	503.7	425.2	346.8	268.5	219.8	171.0
0.0	0.0	27.5°	918.2	847.1	775.9	680.6	585.4	490.1	394.8	322.2	249.7
0.0	0.0	30°	1102.3	1025.8	949.3	838.4	727.5	616.6	505.7	414.9	324.0
0.0	0.0	32.5°	1262.0	1170.4	1078.8	964.4	850.0	735.6	621.2	509.8	398.3
0.0	0.0	35°	1446.0	1339.2	1232.2	1105.3	978.2	851.3	724.4	598.6	472.6
0.0	0.0	37.5°	1680.0	1548.8	1417.5	1276.1	1134.7	993.5	852.0	708.2	564.4
0.0	0.0	40°	2127.8	1958.6	1789.4	1609.7	1429.9	1250.2	1070.5	894.0	717.4
0.0	0.0	42.5°	2930.2	2701.6	2473.0	2233.9	1994.6	1755.6	1516.3	1267.3	1018.1
0.0	0.0	45°	3835.7	3552.1	3268.4	3000.0	2731.5	2463.2	2194.9	1853.2	1511.5
0.0	0.0	47.5°	4344.9	4038.7	3732.5	3478.6	3224.6	2970.6	2716.6	2348.3	1979.9
0.0	0.0	50°	4532.3	4220.6	3908.9	3675.2	3441.2	3207.5	2973.6	2604.6	2235.5
0.0	0.0	52.5°	4572.2	4254.3	3936.3	3701.1	3465.9	3230.8	2995.6	2629.1	2262.6
0.0	0.0	55°	4654.3	4313.1	3971.8	3703.7	3435.5	3167.4	2899.3	2526.9	2154.4
0.0	0.0	57.5°	4761.5	4411.7	4061.9	3756.4	3451.0	3145.7	2840.2	2433.1	2025.9
0.0	0.0	60°	4733.3	4429.0	4124.4	3797.3	3469.9	3142.7	2815.4	2367.6	1919.6
0.0	0.0	62.5°	4244.9	4002.5	3759.9	3490.9	3221.6	2952.6	2683.5	2222.5	1761.4
0.0	0.0	65°	3492.2	3315.3	3138.3	2921.9	2705.2	2488.8	2272.3	1858.9	1445.7
0.0	0.0	67.5°	2830.3	2630.9	2431.4	2258.9	2086.2	1913.7	1741.0	1415.7	1090.4
		70°	2248.6	2031.8	1814.8	1646.3	1477.7	1309.2	1140.8	924.5	708.4
		72.5°	1785.7	1590.2	1394.7	1215.1	1035.2	855.5	675.7	547.9	420.0
		75°	853.5	775.3	697.2	603.2	509.2	415.3	321.3	265.6	210.0
		77.5°	316.3	274.2	231.9	193.7	155.4	117.3	79.1	72.5	65.8
		80°	81.8	71.4	60.7	53.1	45.4	37.9	30.3	27.4	24.6
		82.5°	9.4	8.6	8.1	7.7	7.2	6.8	6.3	5.7	5.1
		85°	0.6	0.4	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: P1049389

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	10.7	10.7
0.0	0.0	2.5°	9.9	9.7
0.0	0.0	5°	10.5	10.3
0.0	0.0	7.5°	11.6	11.2
0.0	0.0	10°	12.7	12.3
0.0	0.0	12.5°	14.3	13.8
0.0	0.0	15°	16.2	15.1
0.0	0.0	17.5°	19.3	16.9
0.0	0.0	20°	26.1	20.0
0.0	0.0	22.5°	36.8	25.0
0.0	0.0	25°	54.1	34.6
0.0	0.0	27.5°	75.2	46.0
0.0	0.0	30°	100.0	57.6
0.0	0.0	32.5°	121.9	68.6
0.0	0.0	35°	150.4	79.8
0.0	0.0	37.5°	185.6	94.2
0.0	0.0	40°	240.0	115.9
0.0	0.0	42.5°	338.0	156.0
0.0	0.0	45°	549.0	269.6
0.0	0.0	47.5°	844.7	446.0
0.0	0.0	50°	1033.4	569.2
0.0	0.0	52.5°	1048.8	568.3
0.0	0.0	55°	957.4	505.2
0.0	0.0	57.5°	816.9	422.2
0.0	0.0	60°	679.0	334.0
0.0	0.0	62.5°	535.0	230.6
0.0	0.0	65°	391.0	163.1
0.0	0.0	67.5°	280.8	121.9
		70°	184.6	93.4
		72.5°	120.3	76.1
		75°	80.9	63.1
		77.5°	47.3	41.9
		80°	16.7	14.7
		82.5°	3.1	2.2
		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: P1049389

CATALOG NUMBER: GALN-SA1A-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

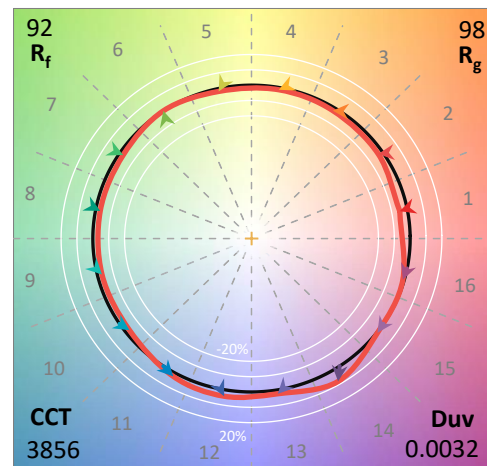
Test Information

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

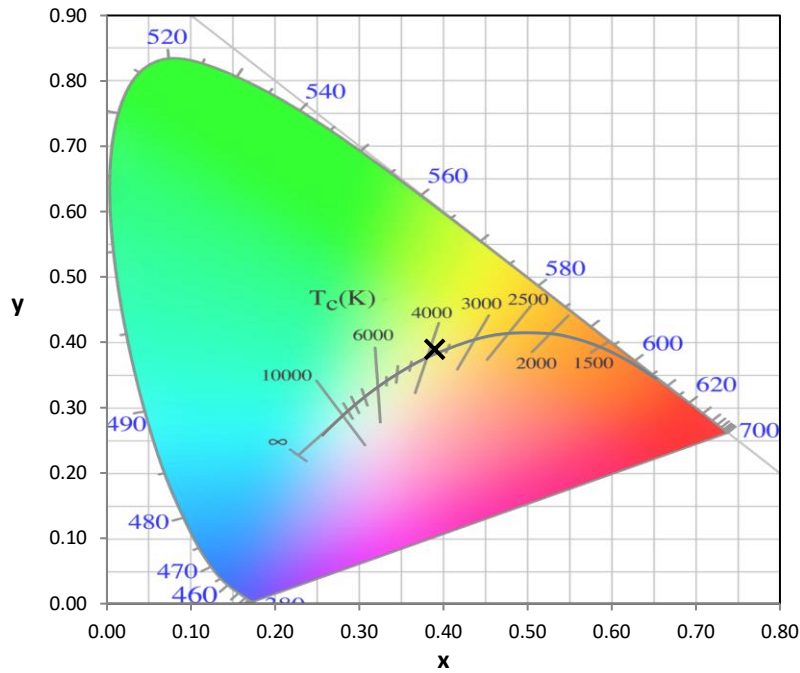
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

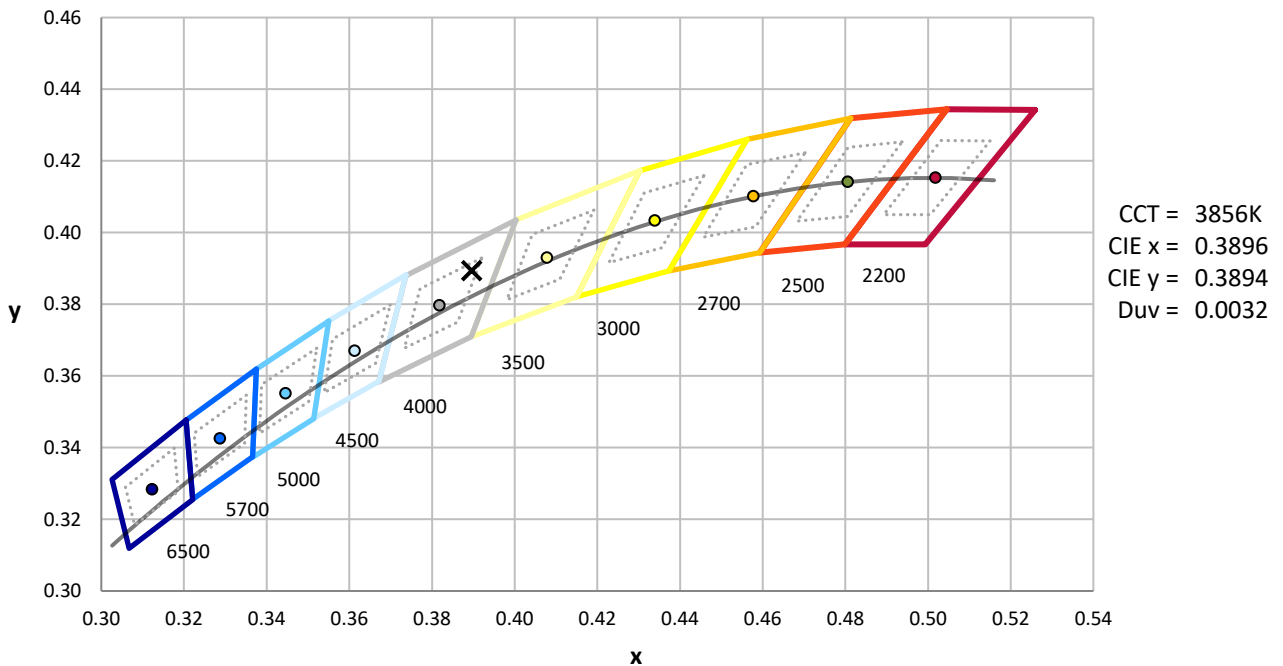
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



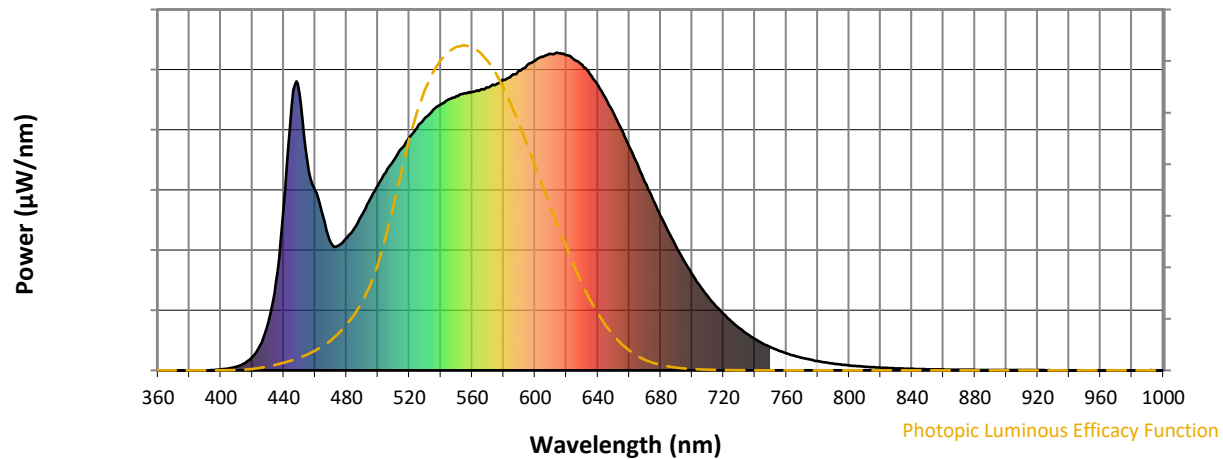
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

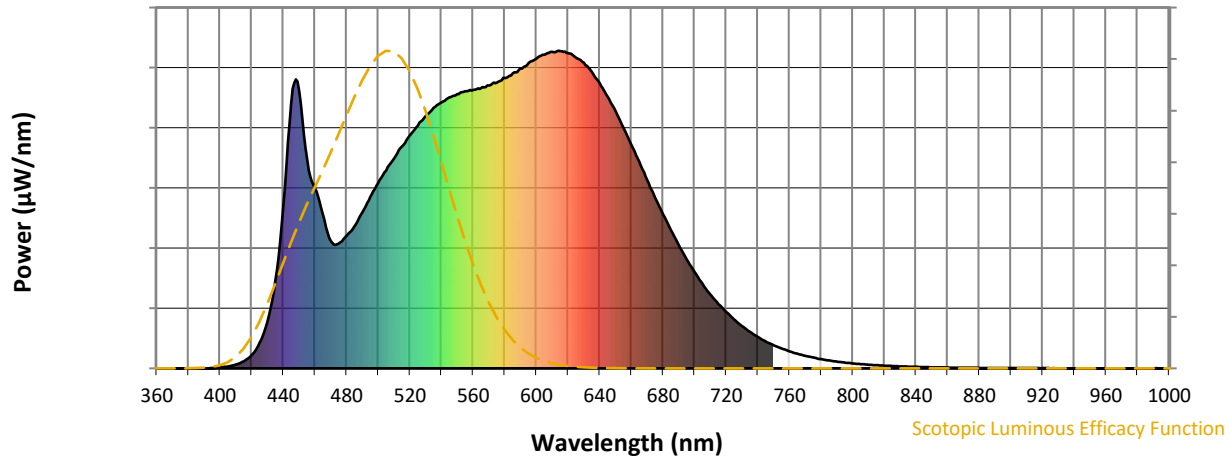


Photopic Lumens: NR

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



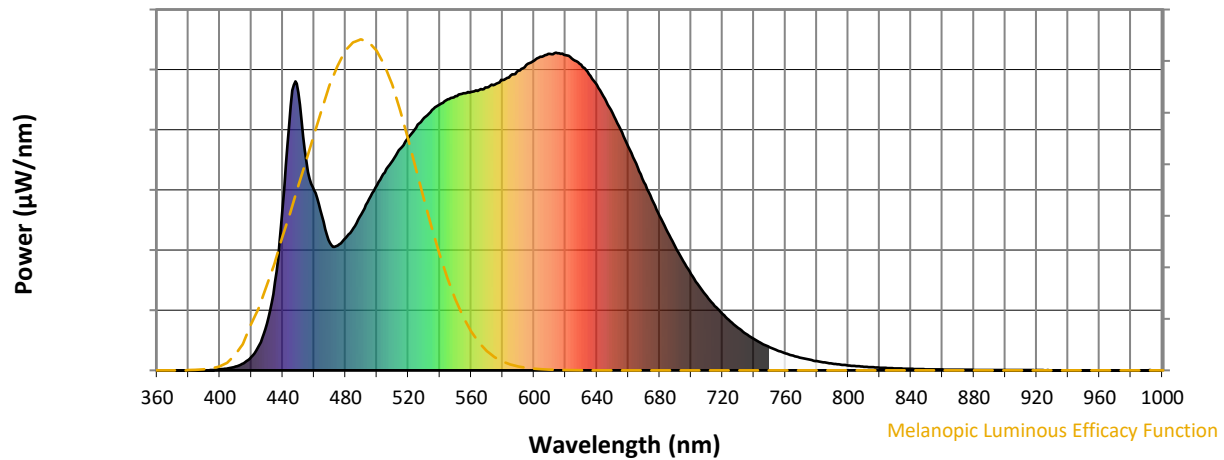
Scotopic Lumens: NR

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

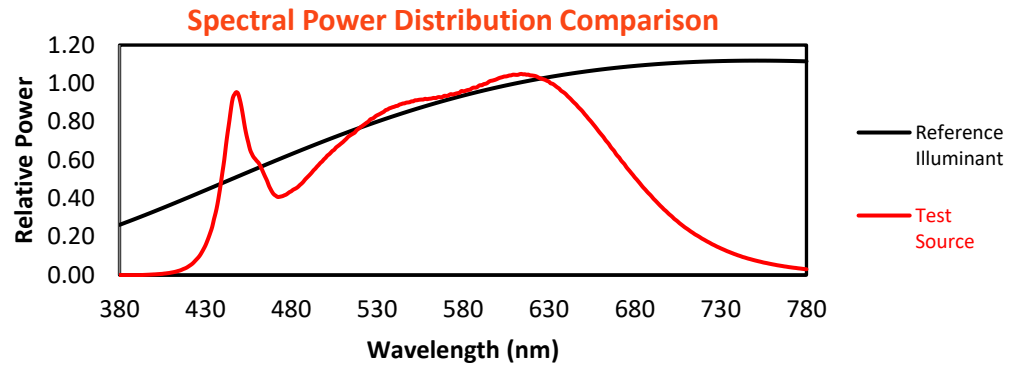
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	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

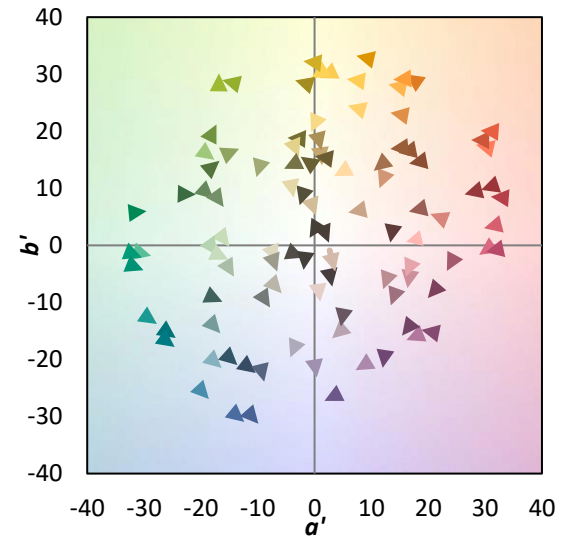
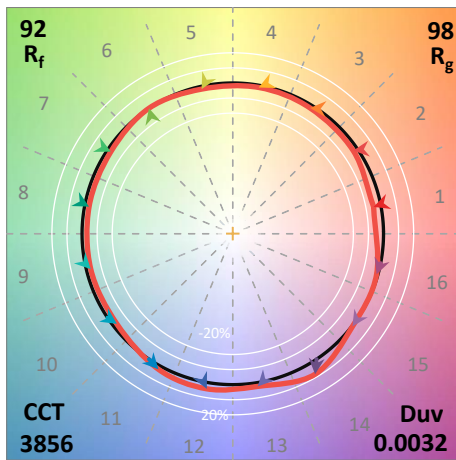
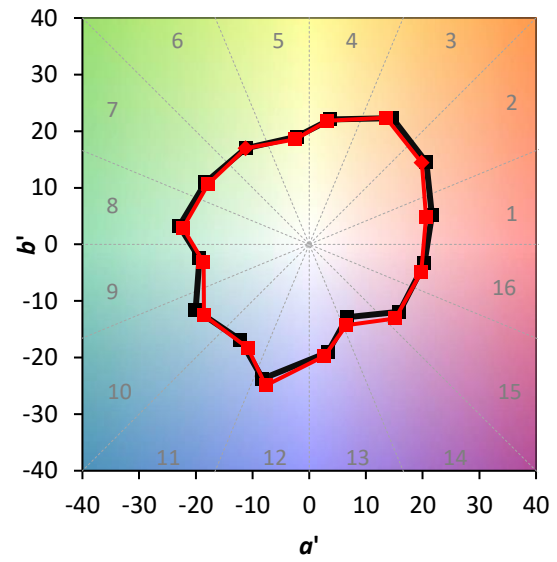
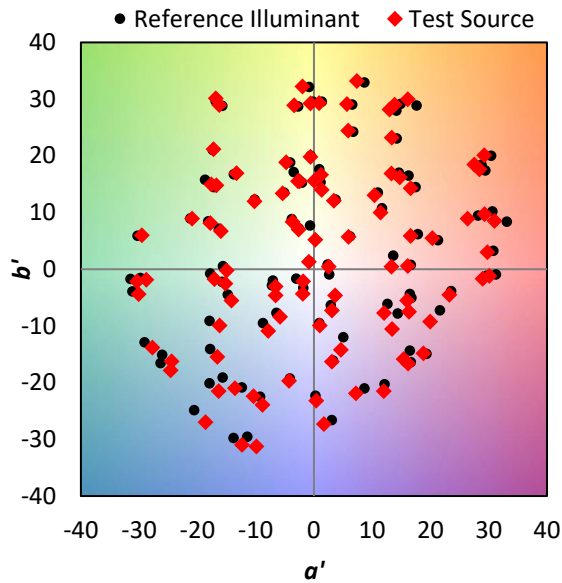
TM-30-18

Summary

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

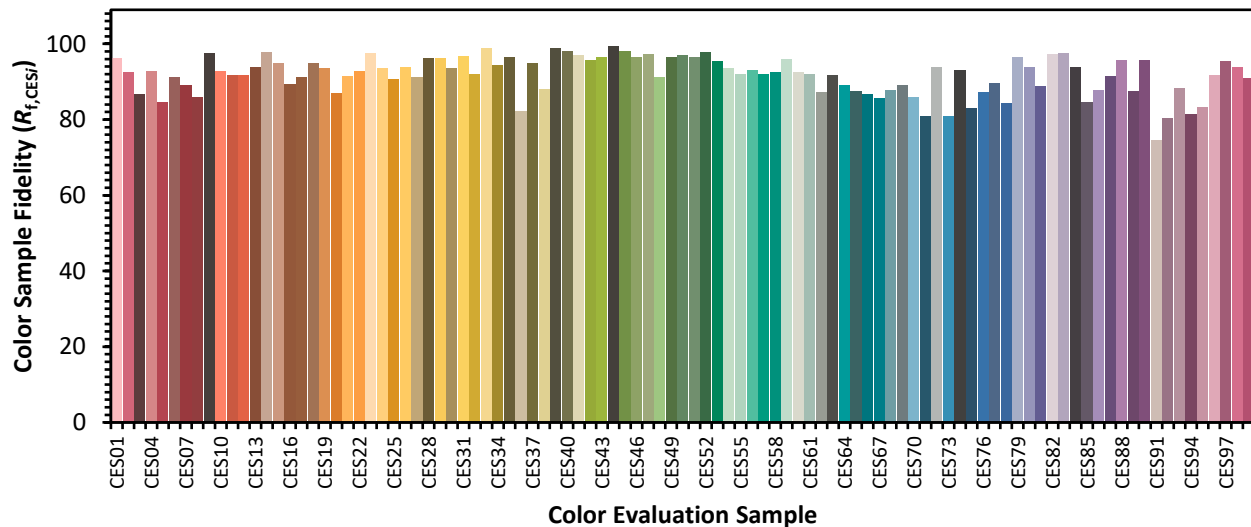


Color Vector Graphics

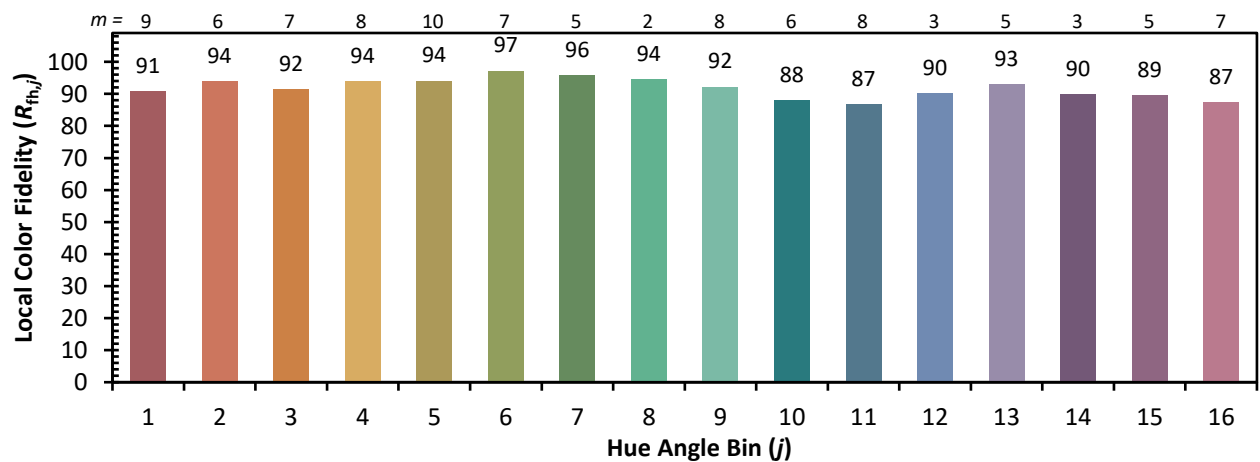
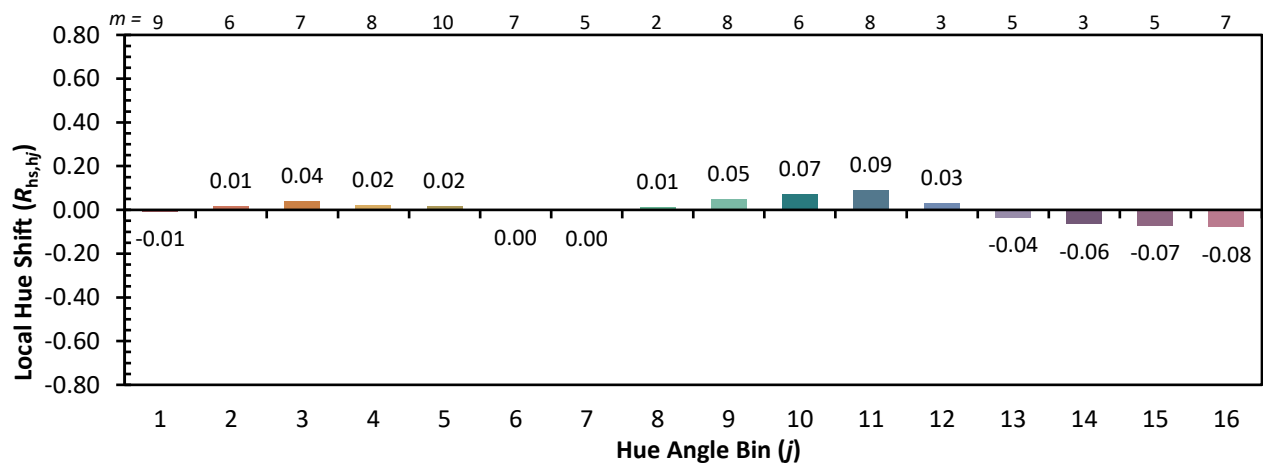
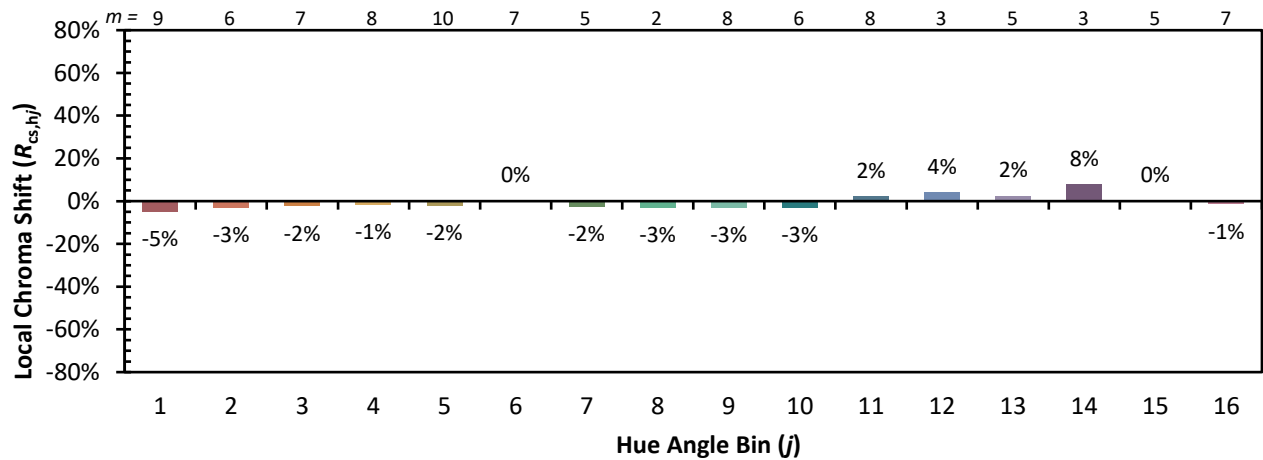


Individual Sample Fidelity Index ($R_{f,i}$)

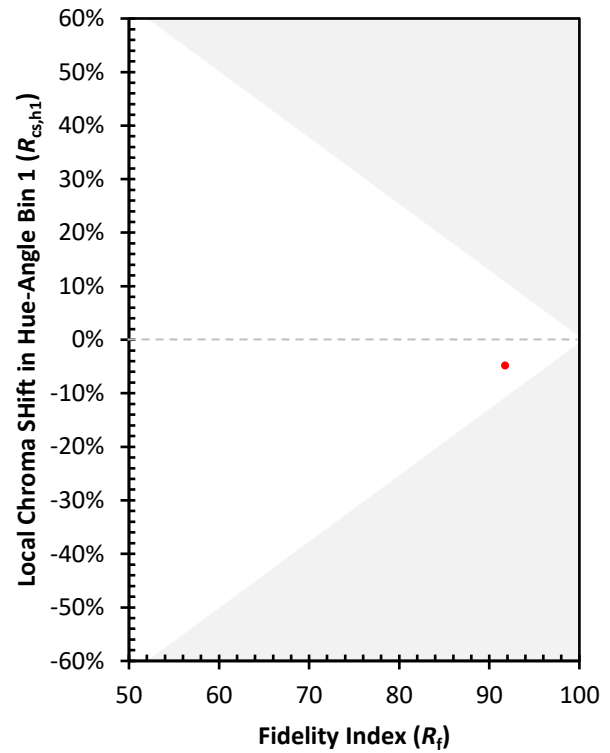
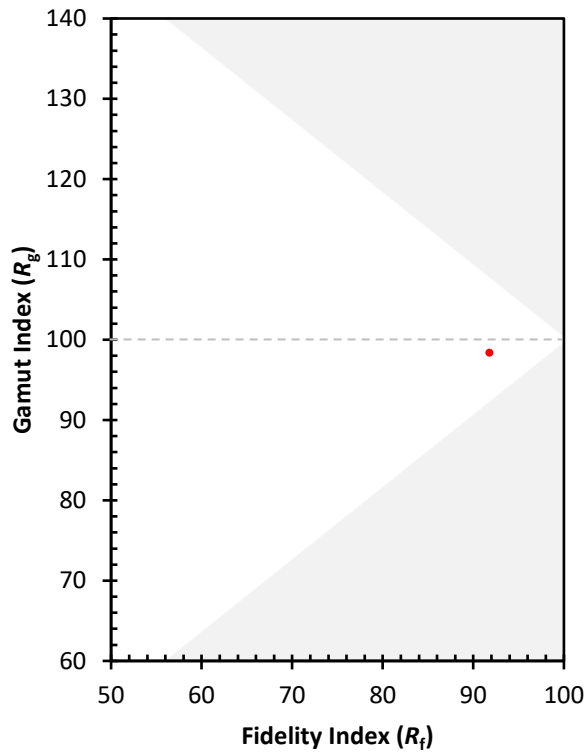
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82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