

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: P1049391

Luminaire Tested: **GALN-SA1C-940-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049391
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-940-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 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: 3796.1 lumens
Efficiency: N/A
Efficacy: 75.6 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

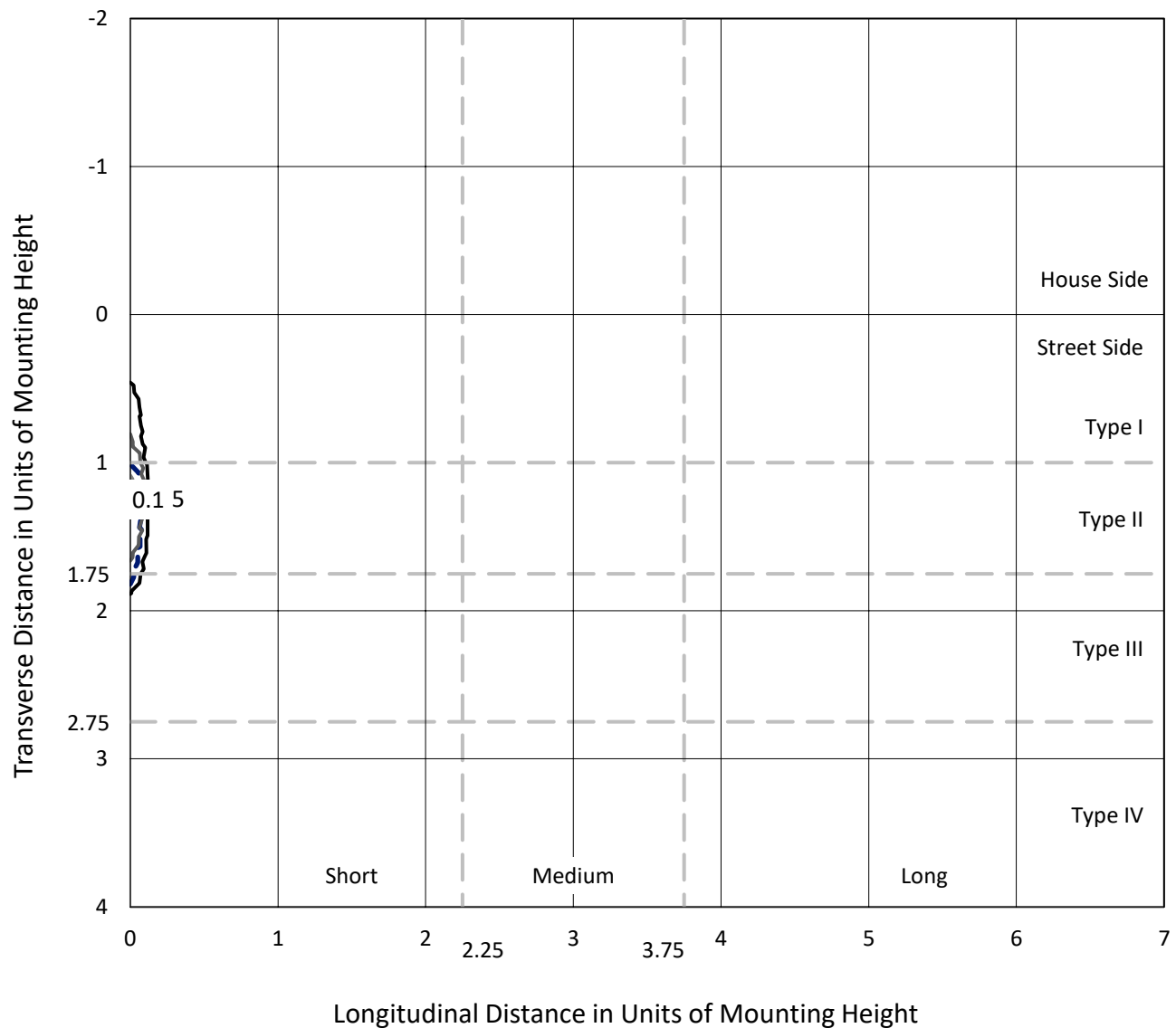
Input Watts (W): 50.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

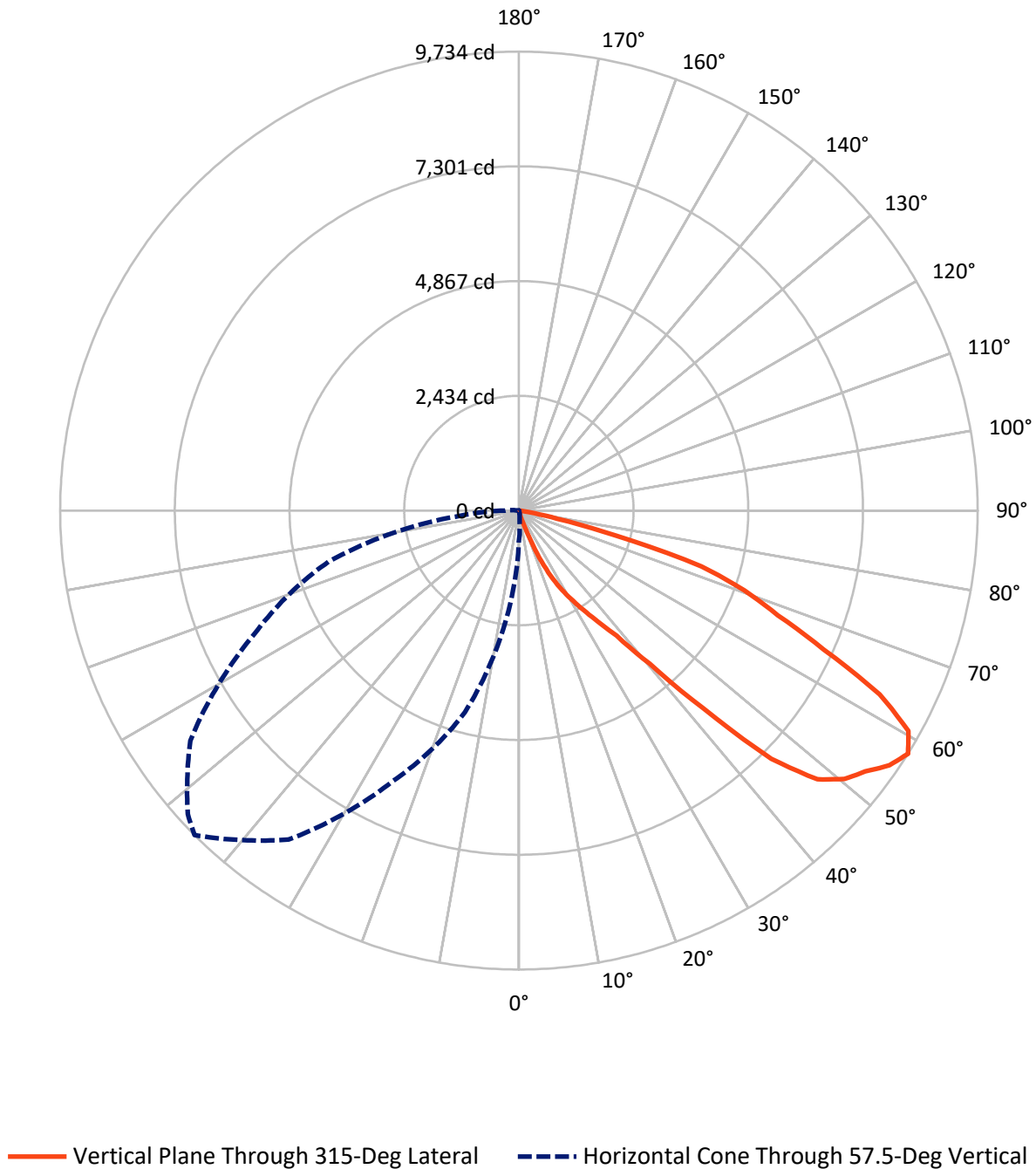
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 0.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	19.0	0.0	19.0
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	3777.1	0.0	3777.1
	% Fixture	99.5	0.0	99.5
Total	Lumens	3796.1	0.0	3796.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.5	0.0
10°-20°	8.3	0.2
20°-30°	90.0	2.4
30°-40°	266.0	7.0
40°-50°	792.9	20.9
50°-60°	1257.2	33.1
60°-70°	1049.4	27.6
70°-80°	323.6	8.5
80°-90°	7.2	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°	3796.1	100.0
0°-180°	3796.1	100.0



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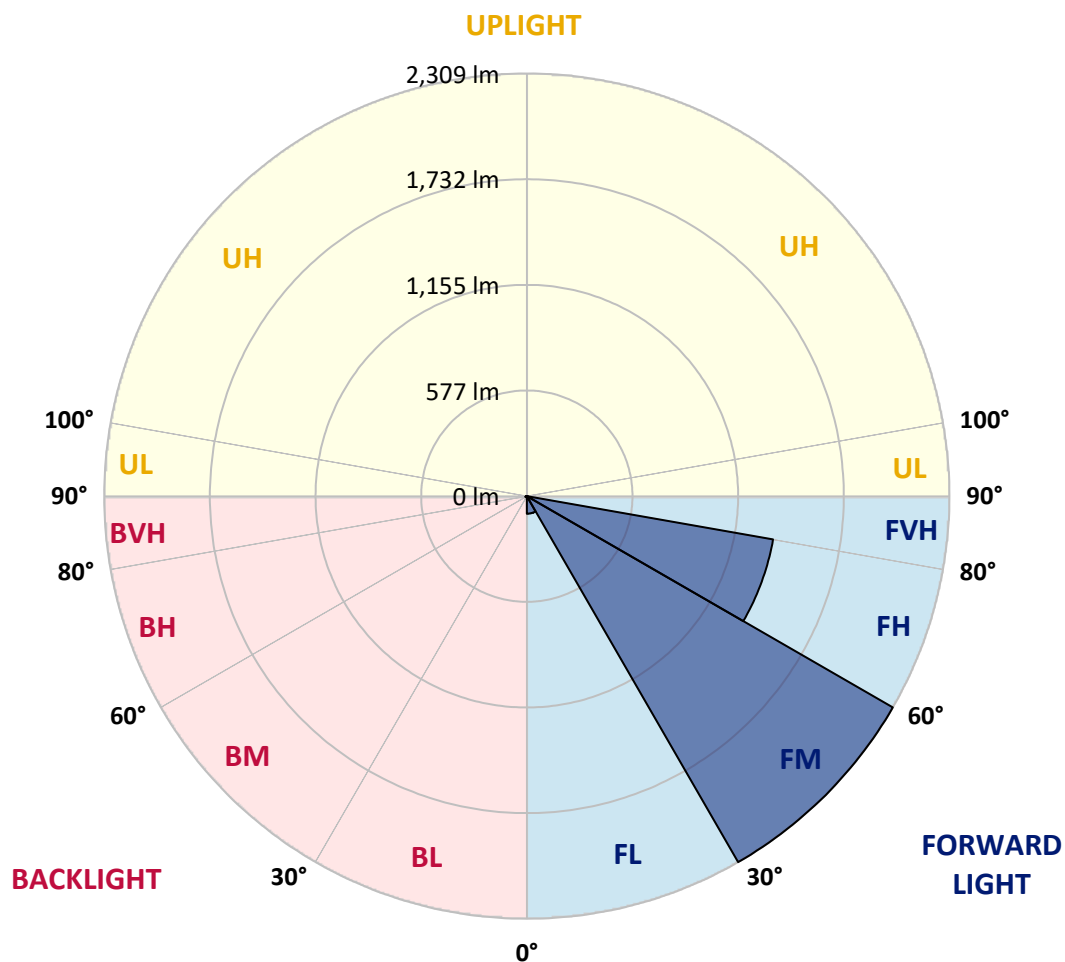
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	96.3	2.5			
FM	(30°-60°)	2309.3	60.8			
FH	(60°-80°)	1366.0	36.0			G1/1800
FVH	(80°-90°)	5.6	0.1			G0/10
BL	(0°-30°)	3.5	0.1	B0/110		
BM	(30°-60°)	6.8	0.2	B0/220		
BH	(60°-80°)	7.1	0.2	B0/110		G0/110
BVH	(80°-90°)	1.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-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°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
2.5°	15.2	15.2	15.2	15.2	14.9	14.9	14.6	14.6	14.3	14.3
5°	16.1	16.1	15.8	15.5	15.5	15.2	14.9	14.6	14.6	14.3
7.5°	17.5	17.2	16.9	16.6	16.1	15.8	15.2	14.9	14.6	14.1
10°	19.2	18.6	18.1	17.5	16.9	16.4	15.8	15.5	14.9	14.6
12.5°	21.5	20.7	19.5	18.6	18.1	17.2	16.6	16.1	15.2	14.6
15°	23.5	22.4	20.9	19.8	18.9	17.8	16.9	16.1	15.5	14.6
17.5°	26.4	24.4	22.1	20.7	19.5	18.1	16.6	15.8	14.9	13.8
20°	31.3	27.3	22.9	21.2	19.5	17.8	16.1	14.9	14.1	12.9
22.5°	39.0	32.1	25.2	22.7	20.4	17.8	15.5	14.3	13.2	12.0
25°	53.9	41.6	29.3	25.8	22.4	18.9	15.5	14.1	12.9	11.5
27.5°	71.7	53.4	34.7	29.8	25.2	20.4	15.5	13.8	12.3	10.6
30°	89.8	65.4	40.7	34.4	28.1	21.8	15.5	13.5	11.8	9.8
32.5°	107.0	76.6	45.9	38.4	31.0	23.2	15.8	13.5	11.2	8.9
35°	124.5	85.8	46.8	39.0	31.3	23.2	15.5	12.9	10.6	8.0
37.5°	146.9	96.1	45.0	37.3	29.8	22.1	14.6	12.3	10.0	7.5
40°	180.7	113.3	45.9	37.9	29.8	21.8	13.8	11.5	9.5	7.2
42.5°	243.3	146.6	49.6	40.4	31.3	21.8	12.6	10.6	8.9	6.9
45°	420.6	243.6	66.6	52.8	39.0	25.2	11.5	9.8	8.3	6.6
47.5°	695.7	407.6	119.6	92.4	65.4	38.2	11.2	9.8	8.3	6.6
50°	887.9	519.2	150.6	115.9	81.2	46.5	11.8	10.0	8.6	6.9
52.5°	886.4	527.3	167.8	128.8	90.1	51.1	12.3	10.6	9.2	7.5
55°	788.0	479.6	171.0	131.4	92.1	52.5	13.2	11.5	9.8	8.0
57.5°	658.7	407.4	156.1	120.8	85.8	50.5	15.2	13.2	11.5	9.5
60°	521.0	321.3	121.6	96.1	70.9	45.3	20.1	17.5	15.2	12.6
62.5°	359.7	232.9	106.1	85.2	64.5	43.6	22.9	20.4	18.1	15.5
65°	254.5	175.3	95.8	78.0	60.5	42.7	25.0	22.1	19.5	16.6
67.5°	190.2	139.4	88.4	73.2	57.9	42.7	27.5	24.1	20.9	17.5
70°	145.7	114.5	82.9	70.6	58.5	46.2	33.9	29.0	24.4	19.5
72.5°	118.8	97.8	76.6	67.7	58.8	49.9	41.0	34.7	28.4	21.8
75°	98.4	83.8	69.1	61.7	54.5	47.0	39.6	33.9	28.4	22.7
77.5°	65.4	59.7	53.6	49.3	45.0	40.4	36.1	31.3	26.7	21.8
80°	22.9	22.1	21.2	22.9	24.7	26.4	28.1	24.7	21.5	18.1
82.5°	3.4	3.2	2.9	3.2	3.4	3.7	4.0	4.3	4.6	4.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	14.1	14.1	13.8	13.8	13.8	13.5	13.5	13.2	13.2	13.2
0.0	5°	13.8	13.8	13.5	13.2	12.9	12.9	12.6	12.3	12.3	12.0
0.0	7.5°	13.5	13.2	12.9	12.6	12.3	12.0	11.8	11.5	11.5	11.2
0.0	10°	13.8	13.2	12.9	12.3	12.0	11.8	11.2	10.9	10.6	10.6
0.0	12.5°	13.2	12.9	12.3	11.8	11.5	10.9	10.6	10.0	9.8	9.8
0.0	15°	13.2	12.6	11.8	11.2	10.6	10.3	9.8	9.2	8.9	8.6
0.0	17.5°	12.3	11.8	10.9	10.3	9.8	9.2	8.6	8.0	7.7	7.5
0.0	20°	11.2	10.6	9.8	8.9	8.3	7.7	7.2	6.6	6.3	6.0
0.0	22.5°	10.0	9.5	8.6	7.7	7.2	6.6	5.7	5.2	4.9	4.3
0.0	25°	9.5	8.6	7.7	6.9	6.0	5.5	4.6	3.7	3.2	2.6
0.0	27.5°	8.0	7.2	6.3	5.5	4.6	3.7	2.9	2.0	1.4	1.1
0.0	30°	6.9	6.0	5.2	4.3	3.2	2.3	1.4	0.3	0.3	0.3
0.0	32.5°	5.7	4.9	3.7	2.9	2.3	1.4	0.9	0.0	0.0	0.0
0.0	35°	4.6	3.7	2.6	1.7	1.4	0.9	0.6	0.0	0.0	0.0
0.0	37.5°	4.0	3.2	2.0	0.9	0.6	0.6	0.3	0.0	0.0	0.0
0.0	40°	3.7	2.6	1.4	0.3	0.3	0.3	0.0	0.0	0.0	0.0
0.0	42.5°	3.7	2.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	3.7	2.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	3.7	2.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	4.0	2.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	4.6	3.4	2.3	1.1	0.9	0.6	0.3	0.0	0.0	0.0
0.0	55°	5.7	5.2	4.3	3.7	2.9	2.0	0.9	0.0	0.0	0.0
0.0	57.5°	7.5	7.5	7.2	6.9	5.2	3.4	1.7	0.0	0.0	0.0
0.0	60°	10.0	10.0	10.0	10.0	7.5	5.2	2.6	0.0	0.0	0.0
0.0	62.5°	12.3	11.8	10.9	10.3	7.7	5.2	2.6	0.0	0.0	0.0
0.0	65°	12.3	11.2	9.8	8.3	6.3	4.3	2.0	0.0	0.0	0.0
0.0	67.5°	11.5	9.2	6.6	4.3	3.2	2.3	1.1	0.0	0.0	0.0
	70°	11.5	8.0	4.6	1.1	0.9	0.6	0.3	0.0	0.0	0.0
	72.5°	11.5	7.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	12.6	8.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	12.6	8.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	11.2	7.5	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	3.7	2.6	1.1	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°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	12.9	12.9	12.9	12.6	12.6	12.6	12.6	12.3	12.3	12.3
0.0	5°	11.8	11.8	11.5	11.5	11.2	11.2	10.9	10.9	10.6	10.6
0.0	7.5°	10.9	10.6	10.6	10.3	10.0	10.0	9.8	9.8	9.5	9.2
0.0	10°	10.0	9.8	9.8	9.5	9.2	8.9	8.9	8.6	8.3	8.0
0.0	12.5°	9.2	8.9	8.6	8.3	8.0	7.7	7.7	7.5	7.2	6.9
0.0	15°	8.0	7.7	7.5	7.2	6.9	6.6	6.6	6.3	6.0	5.7
0.0	17.5°	6.9	6.6	6.6	6.3	6.0	5.7	5.5	4.9	4.6	4.3
0.0	20°	5.2	4.9	4.6	4.3	4.0	3.4	3.2	2.6	2.0	1.7
0.0	22.5°	3.4	2.9	2.6	2.0	1.4	1.1	0.9	0.3	0.0	0.0
0.0	25°	1.1	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA1C-940-U-RBC

[illegible]



REPORT NUMBER: P1049391

CATALOG NUMBER: GALN-SA1C-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°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	12.0	12.0	12.0	11.8	11.8	11.8	11.8	11.8	11.8	11.8
0.0	5°	10.3	10.3	10.3	10.0	10.0	9.8	9.8	9.8	9.5	9.5
0.0	7.5°	8.9	8.6	8.6	8.3	8.3	8.0	8.0	8.0	7.7	7.7
0.0	10°	7.5	7.2	7.2	6.9	6.9	6.6	6.6	6.3	6.3	6.0
0.0	12.5°	6.6	6.3	6.0	5.7	5.7	5.5	5.2	5.2	4.9	4.6
0.0	15°	5.2	4.9	4.6	4.3	4.0	3.7	3.4	3.4	3.2	2.9
0.0	17.5°	3.4	2.9	2.6	2.3	2.3	2.0	1.7	1.4	1.1	0.9
0.0	20°	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA1C-940-U-RBC

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REPORT NUMBER: P1049391

CATALOG NUMBER: GALN-SA1C-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°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	11.8	11.5	11.5	11.5	11.8	11.8	11.8	11.8	11.8	11.8
0.0	5°	9.5	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
0.0	7.5°	7.7	7.5	7.5	7.5	7.5	7.2	7.2	7.2	7.2	7.2
0.0	10°	6.0	5.7	5.7	5.7	5.7	5.5	5.5	5.5	5.5	5.5
0.0	12.5°	4.3	4.3	4.0	4.0	4.0	3.7	3.7	3.7	3.7	3.4
0.0	15°	2.6	2.3	2.0	2.0	2.0	1.7	1.7	1.7	1.7	1.4
0.0	17.5°	0.6	0.6	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA1C-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049391

CATALOG NUMBER: GALN-SA1C-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°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	12.0	12.0	12.3	12.3	12.6	13.2	13.5	13.8	14.3	14.9
0.0	5°	9.5	9.8	9.8	10.0	10.3	10.6	10.9	11.2	11.8	12.3
0.0	7.5°	7.5	7.5	7.7	7.7	8.0	8.6	8.9	9.2	9.8	10.6
0.0	10°	5.7	5.7	6.0	6.0	6.3	6.9	7.2	7.5	8.0	8.9
0.0	12.5°	3.7	4.0	4.0	4.3	4.6	5.2	5.5	5.7	6.3	6.9
0.0	15°	1.7	2.0	2.0	2.3	2.6	3.2	3.4	3.7	4.3	5.2
0.0	17.5°	0.3	0.3	0.6	0.6	0.9	1.1	1.4	1.7	2.6	3.2
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.1
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049391

CATALOG NUMBER: GALN-SA1C-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°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	15.8	16.4	16.9	17.5	18.1	18.6	18.9	19.5	19.8	20.1
0.0	5°	13.5	14.1	14.9	15.5	16.1	16.6	17.2	17.5	17.8	18.1
0.0	7.5°	11.8	12.3	13.2	13.8	14.3	14.9	15.5	16.1	16.4	16.6
0.0	10°	10.0	10.9	11.5	12.3	12.9	13.5	14.1	14.6	15.2	15.5
0.0	12.5°	8.0	8.9	9.8	10.3	11.2	12.0	12.6	13.2	13.8	14.3
0.0	15°	6.3	7.2	8.0	8.6	9.5	10.3	11.2	11.8	12.3	12.9
0.0	17.5°	4.6	5.5	6.3	6.9	7.7	8.6	9.2	10.0	10.6	11.2
0.0	20°	2.3	3.2	4.0	4.9	5.7	6.6	7.2	8.0	8.6	9.2
0.0	22.5°	0.3	1.1	2.0	2.6	3.4	4.3	4.9	5.7	6.3	6.9
0.0	25°	0.0	0.3	0.9	1.1	1.4	2.0	2.6	3.2	3.7	4.3
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.6	1.1	1.7	2.3
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
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	0.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6
	85°	0.0	0.0	0.0	0.0	0.0	0.6	0.9	1.4	1.7	2.0
	87.5°	0.0	0.3	0.6	0.9	1.1	1.7	2.3	2.9	3.2	3.4
	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: P1049391

CATALOG NUMBER: GALN-SA1C-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
16.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.3											
1.1											
2.6											
3.7											
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REPORT NUMBER: P1049391

CATALOG NUMBER: GALN-SA1C-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°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	20.4	20.4	20.4	20.4	20.1	20.1	20.1	19.8	19.8	19.5
0.0	5°	18.6	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.6	18.6
0.0	7.5°	17.2	17.5	17.8	17.8	18.1	18.1	18.1	17.8	17.8	17.5
0.0	10°	16.4	16.6	16.6	16.9	16.9	16.9	16.9	16.9	16.9	16.9
0.0	12.5°	15.2	15.5	15.8	15.8	16.1	16.1	16.1	16.1	15.8	15.8
0.0	15°	13.8	14.3	14.6	14.9	14.9	15.2	15.2	15.2	15.2	15.2
0.0	17.5°	12.6	13.2	13.5	13.8	13.8	14.1	14.1	14.3	14.3	14.3
0.0	20°	10.3	10.9	11.2	11.8	12.0	12.3	12.6	12.9	12.9	13.2
0.0	22.5°	8.0	8.6	8.9	9.5	9.8	10.0	10.3	10.6	10.9	11.2
0.0	25°	5.7	6.3	6.6	7.2	7.5	7.7	8.0	8.3	8.3	8.6
0.0	27.5°	3.2	3.7	4.3	4.6	5.2	5.5	5.7	6.0	6.3	6.6
0.0	30°	1.4	1.7	2.0	2.6	2.9	3.2	3.4	4.0	4.3	4.6
0.0	32.5°	0.0	0.0	0.3	0.9	1.1	1.4	1.7	2.0	2.0	2.3
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.1
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°	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9
	82.5°	1.4	1.7	2.0	2.0	2.3	2.3	2.3	2.3	2.0	2.0
	85°	2.9	3.2	3.4	3.4	3.7	3.7	3.7	3.7	3.7	3.7
	87.5°	4.0	4.3	4.6	4.6	4.9	4.9	4.9	4.9	4.9	4.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049391

CATALOG NUMBER: GALN-SA1C-940-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
16.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
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0.0											
0.9											
2.0											
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REPORT NUMBER: P1049391

CATALOG NUMBER: GALN-SA1C-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°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	19.2	19.2	18.9	18.9	18.9	18.9	18.9	19.2	19.5	19.5
0.0	5°	18.4	18.4	18.1	18.1	18.1	18.4	18.4	18.6	18.9	19.2
0.0	7.5°	17.5	17.2	17.2	17.5	17.5	17.8	17.8	18.1	18.4	18.6
0.0	10°	16.9	16.6	16.6	16.6	16.9	16.9	17.2	17.5	17.8	18.1
0.0	12.5°	15.8	15.8	15.8	15.8	16.1	16.1	16.4	16.6	17.2	17.5
0.0	15°	15.2	14.9	14.9	14.9	14.9	15.2	15.2	15.8	16.4	16.6
0.0	17.5°	14.1	14.1	13.8	13.8	14.1	14.1	14.3	14.9	15.5	15.8
0.0	20°	12.9	12.6	12.3	12.3	12.6	12.6	12.9	13.5	14.1	14.3
0.0	22.5°	11.2	10.9	10.9	10.9	10.9	11.2	11.2	11.8	12.6	13.2
0.0	25°	8.9	9.2	9.2	9.5	9.5	9.8	10.0	10.6	11.5	12.0
0.0	27.5°	6.9	7.2	7.2	7.7	8.0	8.3	8.6	9.5	10.3	10.9
0.0	30°	5.2	5.5	5.7	6.0	6.6	7.2	7.7	8.6	9.5	10.0
0.0	32.5°	3.2	3.7	4.0	4.6	5.2	5.7	6.3	7.2	8.3	9.2
0.0	35°	2.3	2.6	3.2	3.4	4.0	4.6	5.2	6.3	7.2	8.3
0.0	37.5°	1.1	1.7	2.3	2.9	3.4	4.0	4.6	5.7	6.9	7.7
0.0	40°	0.9	1.4	1.7	2.3	3.2	3.7	4.3	5.5	6.6	7.7
0.0	42.5°	0.6	0.9	1.1	2.0	2.6	3.4	4.3	5.5	6.6	7.7
0.0	45°	0.6	0.6	0.9	1.7	2.6	3.7	4.6	5.7	6.6	7.7
0.0	47.5°	0.6	0.9	1.1	2.3	2.9	3.7	4.6	5.5	6.6	7.5
0.0	50°	0.9	1.1	1.4	2.6	3.2	4.0	4.6	5.7	6.6	7.7
0.0	52.5°	0.6	0.9	1.1	2.3	3.2	4.3	5.2	6.3	7.5	8.3
0.0	55°	0.3	0.3	0.3	1.7	3.4	4.9	6.6	7.5	8.6	9.5
0.0	57.5°	0.0	0.0	0.0	1.1	3.4	5.5	7.5	8.6	9.8	10.6
0.0	60°	0.0	0.0	0.0	1.1	3.4	5.5	7.5	8.9	10.3	11.8
0.0	62.5°	0.0	0.0	0.0	1.1	2.9	4.6	6.3	8.6	11.2	13.5
0.0	65°	0.0	0.0	0.0	0.9	2.3	3.7	5.2	8.6	12.0	15.2
0.0	67.5°	0.0	0.0	0.0	0.9	2.3	3.4	4.9	8.6	12.0	15.8
	70°	0.0	0.0	0.0	0.9	2.3	3.7	5.2	8.6	12.0	15.5
	72.5°	0.0	0.0	0.0	0.9	2.6	4.0	5.7	8.6	11.5	14.3
	75°	0.0	0.0	0.0	1.1	2.6	4.3	6.0	8.6	11.2	13.5
	77.5°	0.0	0.0	0.0	0.9	2.6	4.0	5.7	8.3	10.9	13.2
	80°	0.9	0.6	0.6	1.4	2.6	3.7	4.9	7.5	10.3	12.9
	82.5°	1.7	1.7	1.4	2.0	2.6	3.4	4.3	6.6	9.2	11.5
	85°	3.4	3.4	3.2	3.4	3.4	3.7	4.0	5.2	6.3	7.5
	87.5°	4.6	4.6	4.3	4.3	4.3	4.0	4.0	4.0	4.0	3.7
	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: P1049391

CATALOG NUMBER: GALN-SA1C-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
16.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9											
17.2											
16.1											
15.8											
15.5											
13.8											
8.6											
3.7											
0.0											
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0.0											

REPORT NUMBER: P1049391

CATALOG NUMBER: GALN-SA1C-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°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	20.1	20.4	20.4	20.7	20.9	21.2	21.2	21.5	21.5	21.5
0.0	5°	19.8	20.4	20.7	20.9	21.2	21.5	21.8	22.1	22.4	22.4
0.0	7.5°	19.5	19.8	20.4	20.7	21.2	21.5	22.1	22.4	22.7	22.9
0.0	10°	18.9	19.5	20.1	20.7	21.2	21.8	22.4	22.9	23.5	23.8
0.0	12.5°	18.4	19.2	19.8	20.4	21.2	22.1	22.7	23.5	24.1	24.7
0.0	15°	18.1	18.6	19.5	20.1	21.2	22.4	23.2	24.4	25.5	26.4
0.0	17.5°	17.2	18.4	19.2	20.1	21.2	22.7	23.8	25.0	26.7	28.4
0.0	20°	16.1	16.9	18.1	18.9	20.7	22.1	23.8	25.2	27.8	30.4
0.0	22.5°	14.9	16.1	16.9	18.1	20.1	21.8	23.8	25.5	29.8	33.9
0.0	25°	13.8	15.2	16.4	17.5	19.8	22.1	24.4	26.7	33.9	41.0
0.0	27.5°	13.2	14.3	15.8	16.9	19.8	22.9	25.8	28.7	40.2	51.3
0.0	30°	12.3	13.8	14.9	16.4	20.1	23.8	27.5	31.3	48.8	66.3
0.0	32.5°	11.5	12.9	14.3	15.8	20.7	25.5	30.1	35.0	57.9	80.6
0.0	35°	10.6	12.3	13.8	15.2	21.5	28.1	34.4	40.7	66.3	91.5
0.0	37.5°	10.3	12.0	13.5	14.9	21.8	28.4	35.3	41.9	67.1	92.4
0.0	40°	10.6	12.0	13.8	15.2	20.9	26.7	32.1	37.9	64.3	90.4
0.0	42.5°	10.6	12.3	14.1	15.8	20.4	25.0	29.5	34.1	63.4	92.7
0.0	45°	10.3	12.0	13.8	15.5	19.8	23.8	28.1	32.1	68.6	104.7
0.0	47.5°	10.0	11.8	13.5	15.2	19.5	23.8	28.1	32.4	88.6	144.6
0.0	50°	10.0	11.8	13.2	14.6	19.8	25.2	30.4	35.6	129.1	222.3
0.0	52.5°	10.6	12.0	13.2	14.3	20.4	26.7	32.7	38.7	164.1	289.2
0.0	55°	11.5	12.3	13.5	14.3	21.8	29.0	36.4	43.6	174.7	305.8
0.0	57.5°	12.6	13.5	14.3	15.2	24.4	33.6	42.5	51.6	175.6	299.2
0.0	60°	14.1	15.2	16.1	16.9	26.7	36.7	46.5	56.2	158.9	261.3
0.0	62.5°	17.2	18.6	19.8	21.2	30.7	39.9	49.3	58.5	132.0	205.4
0.0	65°	19.8	20.9	22.1	23.2	32.4	41.9	51.1	60.2	111.9	163.5
0.0	67.5°	20.4	21.5	22.4	23.5	33.0	42.5	51.6	61.1	95.8	130.2
	70°	20.7	22.1	23.8	25.2	35.0	44.8	54.2	64.0	84.9	105.9
	72.5°	19.8	22.7	25.2	27.8	37.0	45.9	55.1	64.0	78.9	93.8
	75°	19.8	23.8	27.5	31.3	38.2	44.8	51.6	58.2	69.7	81.2
	77.5°	20.9	26.1	31.3	36.4	40.4	44.2	48.2	51.9	59.4	66.8
	80°	20.9	26.4	31.6	37.0	38.7	40.7	42.5	44.2	45.0	45.9
	82.5°	18.1	22.4	26.7	31.0	29.0	27.0	25.0	22.9	21.5	19.8
	85°	9.2	10.0	10.6	11.2	10.3	9.5	8.6	7.7	7.2	6.3
	87.5°	3.7	3.7	3.4	3.4	3.4	3.4	3.2	3.2	3.2	3.2
	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: P1049391

CATALOG NUMBER: GALN-SA1C-940-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
16.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
192.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
221.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
278.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
424.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
650.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
818.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
837.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
755.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
646.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
504.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
381.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
281.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
199.4											
148.3											
107.9											
81.2											
45.6											
20.7											
6.0											
2.9											
0.0											
0.0											
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REPORT NUMBER: P1049391

CATALOG NUMBER: GALN-SA1C-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°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	21.5	21.2	21.2	20.9	20.7	20.4	20.1	19.8	19.5	19.2
0.0	5°	22.4	22.4	22.4	22.1	22.1	21.8	21.8	21.5	21.2	20.9
0.0	7.5°	23.2	23.5	23.5	23.8	23.8	23.8	23.8	23.5	23.5	23.5
0.0	10°	24.7	25.0	25.2	25.5	25.8	26.1	26.1	26.4	26.4	26.4
0.0	12.5°	26.4	27.3	27.8	28.7	29.3	30.1	30.7	31.6	32.1	32.7
0.0	15°	29.0	30.4	32.1	33.6	35.0	37.0	39.3	41.3	43.3	46.5
0.0	17.5°	32.7	37.3	41.9	46.2	50.8	60.8	70.9	80.6	90.7	105.3
0.0	20°	39.9	53.6	67.1	80.9	94.4	129.7	164.7	199.9	234.9	272.5
0.0	22.5°	55.9	89.8	123.6	157.5	191.3	265.1	338.5	412.2	485.7	572.0
0.0	25°	81.2	143.4	205.7	267.7	329.9	445.2	560.8	676.2	791.5	903.6
0.0	27.5°	118.2	213.4	308.7	403.6	498.9	655.2	811.8	968.2	1124.5	1251.3
0.0	30°	163.8	292.9	422.0	551.1	680.2	858.0	1035.9	1213.5	1391.3	1529.9
0.0	32.5°	206.8	364.9	523.0	680.7	838.8	1041.3	1244.2	1446.7	1649.2	1800.7
0.0	35°	234.9	426.0	617.3	808.4	999.5	1218.6	1437.8	1656.7	1875.8	2048.8
0.0	37.5°	263.1	483.7	704.0	924.6	1144.9	1385.6	1626.3	1867.0	2107.6	2321.4
0.0	40°	294.6	553.4	811.8	1070.6	1329.1	1614.2	1899.1	2184.2	2469.1	2770.6
0.0	42.5°	349.4	669.0	988.8	1308.4	1628.0	2005.2	2382.5	2759.4	3136.6	3566.9
0.0	45°	452.4	902.8	1353.5	1803.8	2254.2	2754.0	3254.0	3753.7	4253.4	4826.0
0.0	47.5°	704.6	1324.2	1943.5	2563.2	3182.5	3722.1	4261.5	4801.1	5340.4	5910.7
0.0	50°	1078.1	1799.3	2520.4	3241.3	3962.5	4450.8	4938.8	5427.0	5915.0	6457.5
0.0	52.5°	1348.3	2099.6	2851.2	3602.5	4353.8	4794.5	5235.4	5676.0	6116.7	6623.6
0.0	55°	1368.7	2115.7	2863.0	3610.0	4357.0	4799.6	5242.3	5684.9	6127.6	6664.9
0.0	57.5°	1211.7	1952.7	2693.4	3434.4	4175.1	4679.1	5182.9	5686.9	6190.7	6771.6
0.0	60°	1030.7	1772.0	2513.0	3254.3	3995.2	4575.9	5156.8	5737.4	6318.0	6862.2
0.0	62.5°	804.1	1566.6	2329.4	3091.9	3854.4	4443.9	5033.4	5622.7	6212.2	6620.4
0.0	65°	599.3	1339.7	2080.1	2820.2	3560.6	4032.8	4505.0	4976.9	5449.1	5701.8
0.0	67.5°	433.2	1071.7	1710.0	2348.6	2986.9	3324.8	3662.8	4000.4	4338.3	4531.7
	70°	292.9	735.2	1177.3	1619.7	2061.7	2339.4	2617.4	2895.1	3172.8	3433.8
	72.5°	202.8	451.2	700.0	948.4	1196.8	1476.2	1755.4	2034.8	2313.9	2590.2
	75°	134.5	247.6	360.9	473.9	586.9	793.8	1000.9	1207.7	1414.6	1579.2
	77.5°	95.5	129.4	163.5	197.4	231.2	269.9	309.0	347.7	386.4	445.2
	80°	45.3	49.6	53.9	57.9	62.3	76.3	90.4	104.4	118.5	133.4
	82.5°	21.5	23.2	25.0	26.4	28.1	29.5	31.0	32.4	33.9	32.4
	85°	5.7	5.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.7
	87.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.3	2.3	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
16.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
310.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
658.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1015.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1378.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1668.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1952.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2221.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2535.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3072.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3997.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5398.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6481.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6999.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7130.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7202.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7352.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7406.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7028.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5954.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4725.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3694.6											
2866.4											
1743.9											
504.0											
148.3											
30.7											
5.5											
2.0											
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°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	18.6	18.4	18.1	17.8	17.5	16.9	16.9	16.6	16.6
0.0	5°	20.4	20.1	19.8	19.5	19.5	19.2	18.9	18.9	18.6
0.0	7.5°	23.2	22.9	22.7	22.4	22.4	22.1	22.1	21.8	21.8
0.0	10°	26.7	26.7	26.7	26.7	26.7	26.4	26.4	26.4	26.1
0.0	12.5°	33.6	33.9	34.4	35.0	35.9	35.9	35.9	35.6	35.6
0.0	15°	53.1	56.2	58.5	60.8	62.8	67.4	66.8	66.0	65.4
0.0	17.5°	134.3	148.6	156.3	163.8	171.5	192.8	189.3	185.9	182.7
0.0	20°	348.0	385.6	410.5	435.5	460.7	500.6	490.8	481.1	471.3
0.0	22.5°	744.4	830.8	868.4	905.9	943.2	991.4	960.2	928.9	897.9
0.0	25°	1127.7	1239.9	1303.3	1366.7	1429.8	1457.3	1416.6	1375.5	1334.8
0.0	27.5°	1504.9	1631.7	1687.7	1743.3	1799.3	1856.9	1806.4	1755.6	1705.2
0.0	30°	1807.3	1945.8	2006.4	2066.6	2127.1	2167.3	2115.1	2062.6	2010.4
0.0	32.5°	2103.9	2255.4	2321.6	2387.9	2453.9	2511.6	2447.3	2382.7	2318.5
0.0	35°	2394.5	2567.5	2658.7	2749.9	2841.2	2894.8	2818.5	2741.9	2665.6
0.0	37.5°	2749.1	2962.8	3064.9	3167.0	3269.2	3367.0	3282.9	3198.6	3114.6
0.0	40°	3373.6	3675.1	3831.7	3988.6	4145.3	4271.5	4165.4	4059.2	3953.1
0.0	42.5°	4427.6	4857.9	5083.1	5308.0	5533.2	5730.2	5618.6	5507.1	5395.5
0.0	45°	5971.2	6543.8	6818.3	7092.6	7367.1	7511.1	7350.5	7189.5	7028.9
0.0	47.5°	7051.0	7621.3	7865.7	8110.1	8354.5	8518.9	8322.4	8125.9	7929.7
0.0	50°	7542.1	8084.6	8329.9	8574.8	8820.1	8950.6	8723.7	8496.5	8269.6
0.0	52.5°	7637.1	8144.0	8436.6	8729.5	9022.1	9196.5	8928.6	8660.3	8392.4
0.0	55°	7739.8	8277.1	8616.4	8956.1	9295.5	9537.0	9234.1	8930.8	8627.9
0.0	57.5°	7933.1	8514.0	8852.5	9190.8	9529.3	9734.4	9430.6	9126.5	8822.7
0.0	60°	7950.3	8494.2	8785.1	9076.3	9367.2	9496.3	9205.7	8914.8	8624.2
0.0	62.5°	7437.1	7845.3	8047.3	8249.2	8451.2	8591.5	8288.3	7984.8	7681.5
0.0	65°	6207.6	6460.3	6621.3	6782.2	6943.1	7110.4	6832.7	6555.0	6277.3
0.0	67.5°	4918.7	5112.0	5324.0	5536.0	5748.0	5926.7	5704.4	5481.8	5259.5
	70°	3955.7	4216.4	4454.8	4693.2	4931.6	5077.9	4854.7	4631.2	4408.1
	72.5°	3142.7	3418.9	3618.0	3816.8	4015.9	4051.8	3887.7	3723.6	3559.8
	75°	1908.3	2072.9	2076.9	2080.7	2084.7	2118.8	1982.8	1846.9	1711.2
	77.5°	562.8	621.6	670.1	718.3	766.8	825.3	775.4	725.2	675.3
	80°	162.9	177.9	190.5	202.8	215.4	208.0	196.2	184.5	172.7
	82.5°	29.3	27.5	27.3	27.0	27.0	25.5	23.2	20.9	18.6
	85°	5.2	4.9	4.6	4.3	4.0	3.7	3.2	2.9	2.3
	87.5°	1.7	1.4	1.1	0.9	0.9	0.3	0.3	0.3	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA1C-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°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	0.0	2.5°	16.4	16.1	16.1	16.1	16.1	15.8	15.8	15.8	15.8
0.0	0.0	5°	18.1	18.1	17.8	17.8	17.5	17.5	17.2	17.2	16.9
0.0	0.0	7.5°	21.2	20.9	20.7	20.4	20.1	19.5	19.2	18.9	18.9
0.0	0.0	10°	25.5	25.0	24.7	24.1	23.8	23.2	22.7	22.1	21.5
0.0	0.0	12.5°	33.6	32.4	31.6	30.4	29.3	28.4	27.3	26.4	25.2
0.0	0.0	15°	58.2	55.4	52.2	48.5	44.5	40.7	36.7	34.4	31.8
0.0	0.0	17.5°	148.9	134.0	118.8	106.4	94.1	82.0	69.7	60.8	51.9
0.0	0.0	20°	379.0	337.6	296.3	255.6	214.6	173.8	132.8	112.2	91.5
0.0	0.0	22.5°	713.2	636.6	559.7	485.4	410.8	336.5	262.2	215.4	169.0
0.0	0.0	25°	1100.7	1004.3	907.9	785.7	663.2	541.0	418.8	342.8	266.8
0.0	0.0	27.5°	1432.3	1321.3	1210.3	1061.7	913.1	764.5	615.9	502.6	389.6
0.0	0.0	30°	1719.5	1600.2	1480.8	1307.8	1134.9	961.9	788.9	647.2	505.5
0.0	0.0	32.5°	1968.5	1825.6	1682.8	1504.3	1325.9	1147.5	969.0	795.2	621.4
0.0	0.0	35°	2255.7	2089.0	1922.0	1724.1	1525.9	1327.9	1130.0	933.8	737.3
0.0	0.0	37.5°	2620.6	2416.0	2211.2	1990.6	1770.0	1549.7	1329.1	1104.7	880.4
0.0	0.0	40°	3319.1	3055.2	2791.2	2511.0	2230.4	1950.1	1669.9	1394.5	1119.1
0.0	0.0	42.5°	4570.7	4214.1	3857.5	3484.6	3111.4	2738.5	2365.2	1976.8	1588.1
0.0	0.0	45°	5983.3	5540.9	5098.3	4679.7	4260.9	3842.3	3423.8	2890.8	2357.8
0.0	0.0	47.5°	6777.6	6300.0	5822.3	5426.2	5030.0	4633.8	4237.6	3663.0	3088.4
0.0	0.0	50°	7069.9	6583.7	6097.4	5732.8	5367.9	5003.3	4638.4	4062.9	3487.2
0.0	0.0	52.5°	7132.2	6636.2	6140.2	5773.3	5406.4	5039.7	4672.8	4101.1	3529.4
0.0	0.0	55°	7260.1	6728.0	6195.5	5777.3	5359.0	4940.8	4522.5	3941.6	3360.7
0.0	0.0	57.5°	7427.4	6881.7	6336.1	5859.6	5383.1	4906.9	4430.4	3795.3	3160.2
0.0	0.0	60°	7383.5	6908.7	6433.6	5923.3	5412.7	4902.3	4391.7	3693.2	2994.4
0.0	0.0	62.5°	6621.5	6243.4	5865.1	5445.4	5025.4	4605.7	4186.0	3466.8	2747.6
0.0	0.0	65°	5447.4	5171.4	4895.4	4557.8	4219.9	3882.2	3544.6	2899.7	2255.1
0.0	0.0	67.5°	4414.9	4104.0	3792.7	3523.6	3254.3	2985.2	2715.8	2208.3	1700.9
		70°	3507.6	3169.3	2830.8	2568.1	2305.0	2042.2	1779.5	1442.1	1105.0
		72.5°	2785.5	2480.6	2175.6	1895.4	1614.8	1334.5	1054.0	854.6	655.2
		75°	1331.4	1209.4	1087.5	940.9	794.3	647.8	501.2	414.2	327.6
		77.5°	493.4	427.7	361.7	302.1	242.4	183.0	123.4	113.0	102.7
		80°	127.7	111.3	94.7	82.9	70.9	59.1	47.3	42.7	38.4
		82.5°	14.6	13.5	12.6	12.0	11.2	10.6	9.8	8.9	8.0
		85°	0.9	0.6	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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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	16.6	16.6
0.0	0.0	2.5°	15.5	15.2
0.0	0.0	5°	16.4	16.1
0.0	0.0	7.5°	18.1	17.5
0.0	0.0	10°	19.8	19.2
0.0	0.0	12.5°	22.4	21.5
0.0	0.0	15°	25.2	23.5
0.0	0.0	17.5°	30.1	26.4
0.0	0.0	20°	40.7	31.3
0.0	0.0	22.5°	57.4	39.0
0.0	0.0	25°	84.3	53.9
0.0	0.0	27.5°	117.3	71.7
0.0	0.0	30°	156.1	89.8
0.0	0.0	32.5°	190.2	107.0
0.0	0.0	35°	234.7	124.5
0.0	0.0	37.5°	289.5	146.9
0.0	0.0	40°	374.4	180.7
0.0	0.0	42.5°	527.3	243.3
0.0	0.0	45°	856.3	420.6
0.0	0.0	47.5°	1317.6	695.7
0.0	0.0	50°	1611.9	887.9
0.0	0.0	52.5°	1636.0	886.4
0.0	0.0	55°	1493.4	788.0
0.0	0.0	57.5°	1274.3	658.7
0.0	0.0	60°	1059.1	521.0
0.0	0.0	62.5°	834.5	359.7
0.0	0.0	65°	609.9	254.5
0.0	0.0	67.5°	438.1	190.2
		70°	288.0	145.7
		72.5°	187.6	118.8
		75°	126.2	98.4
		77.5°	73.7	65.4
		80°	26.1	22.9
		82.5°	4.9	3.4
		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: P1049391

CATALOG NUMBER: GALN-SA1C-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
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135°	0.0	0.0
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140°	0.0	0.0
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150°	0.0	0.0
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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

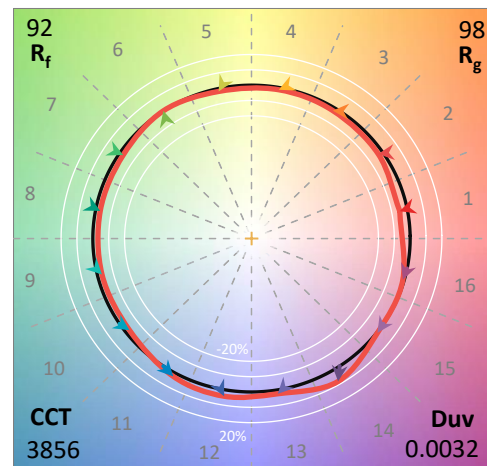
Test Information

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

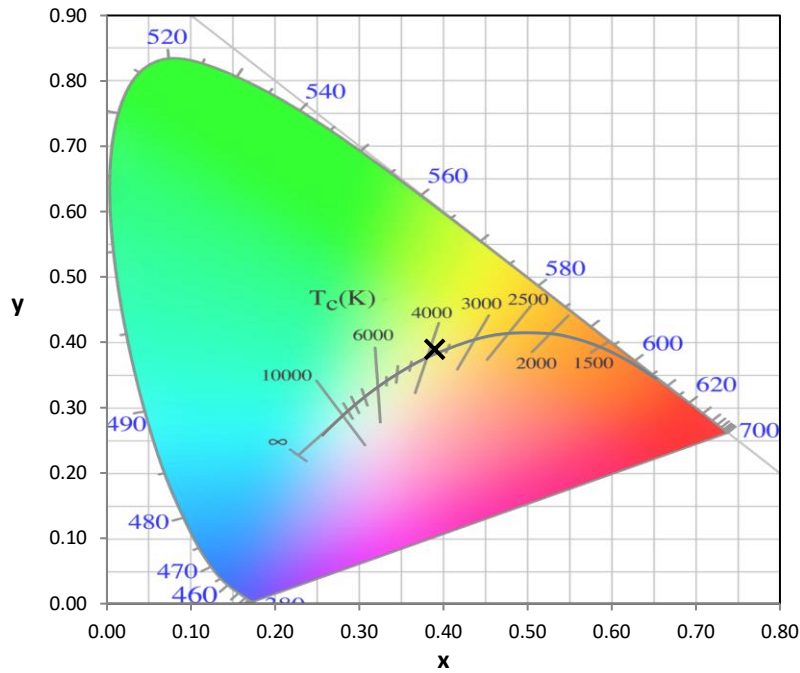
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

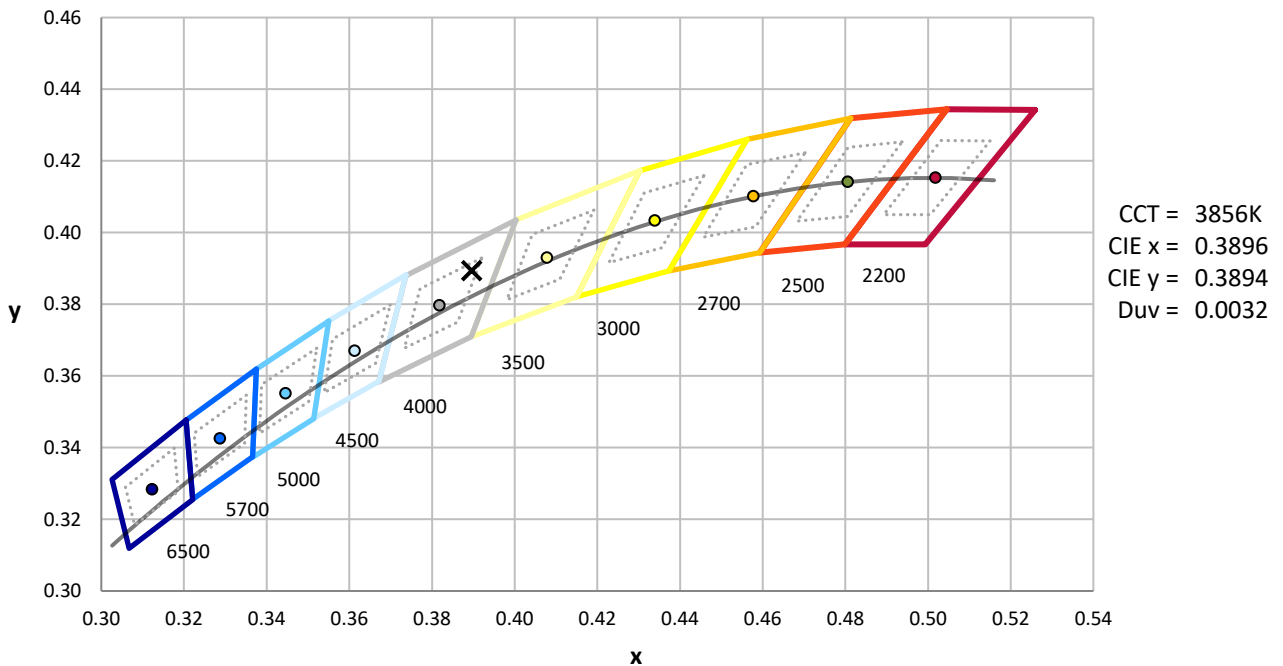
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



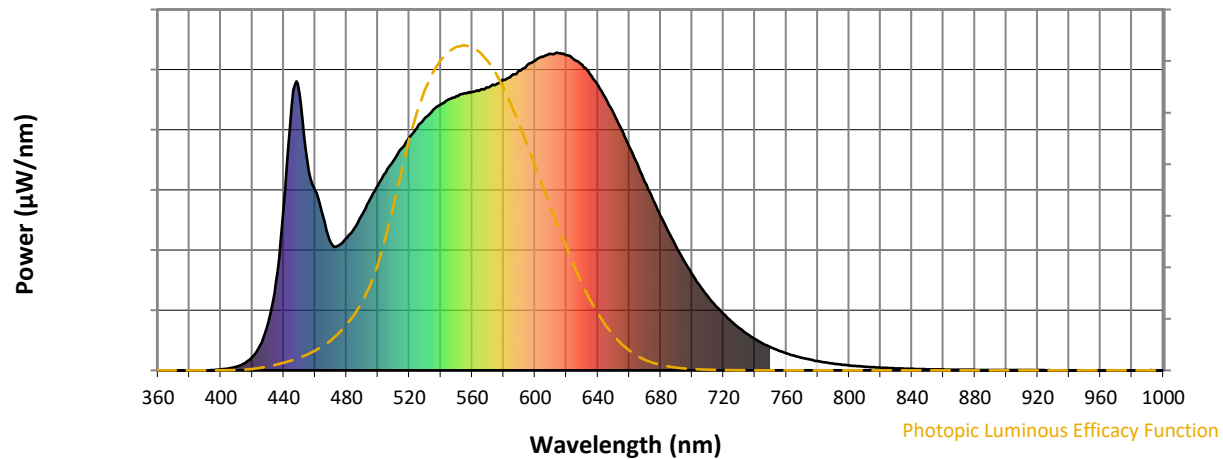
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

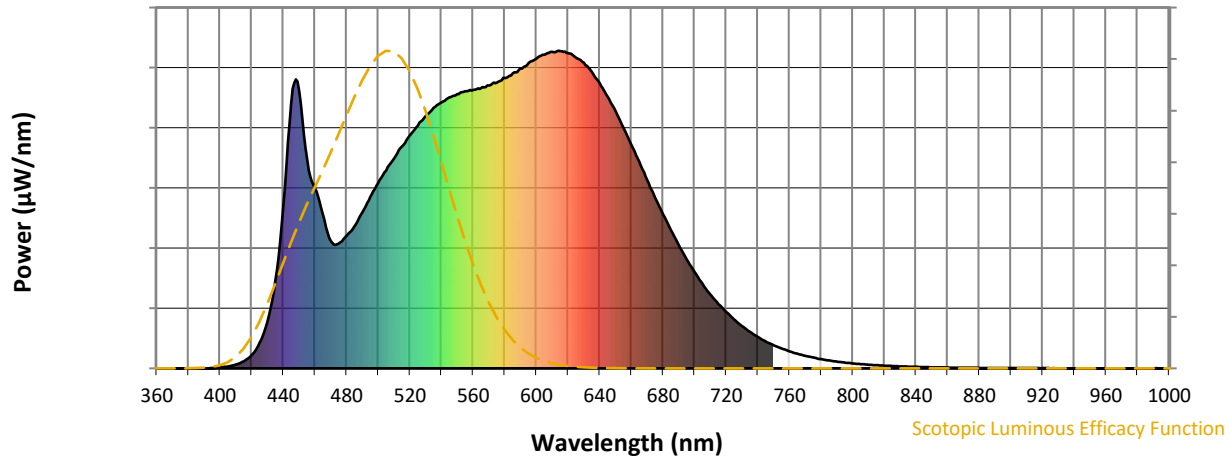


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-16

Scotopic Flux vs. Wavelength



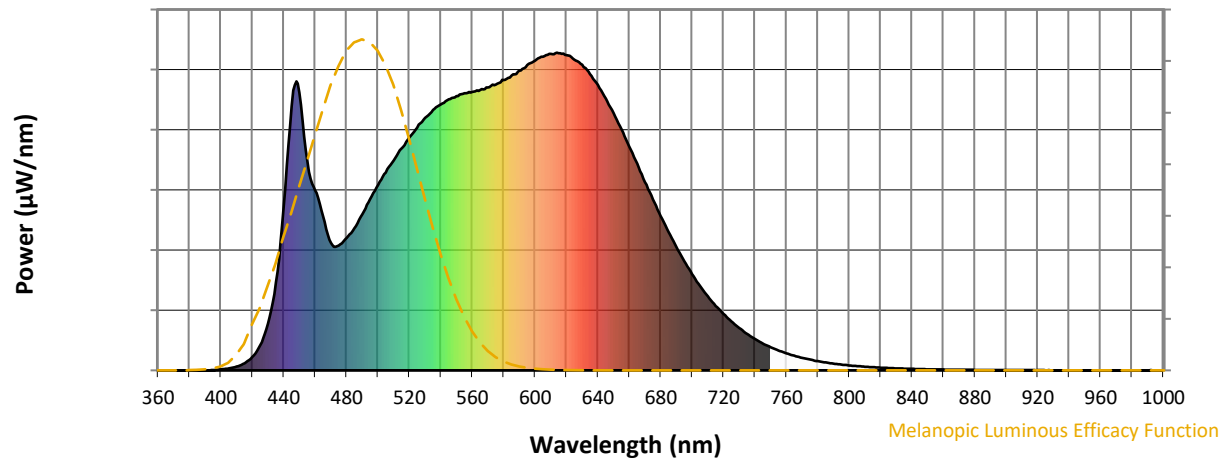
Scotopic Lumens: NR

S/P: 1.72

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

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

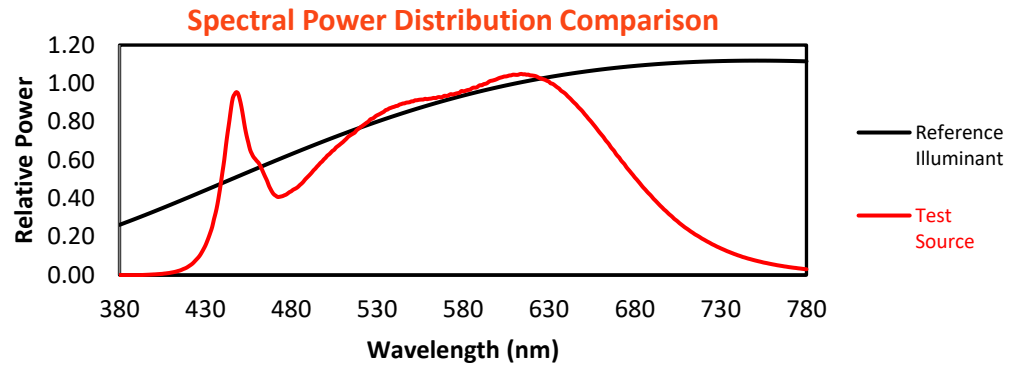
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630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

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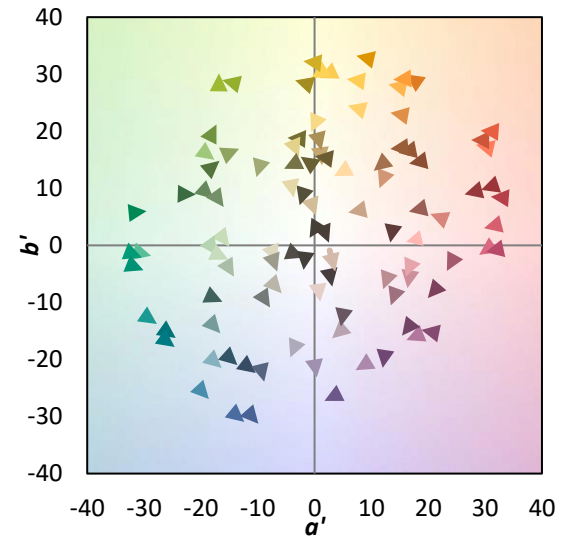
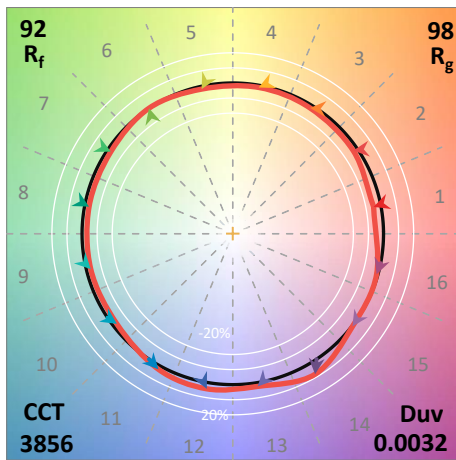
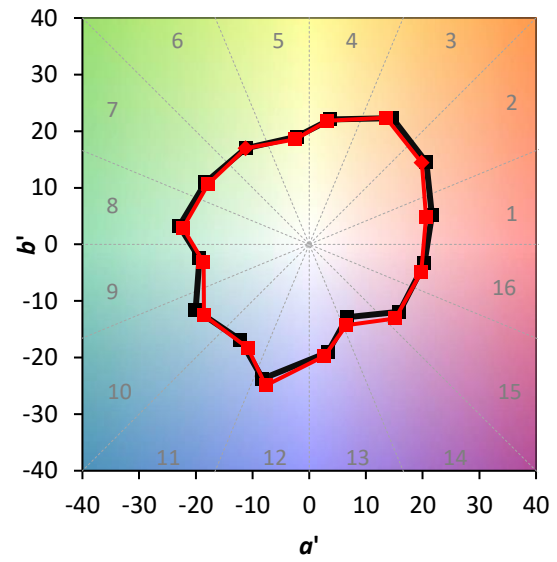
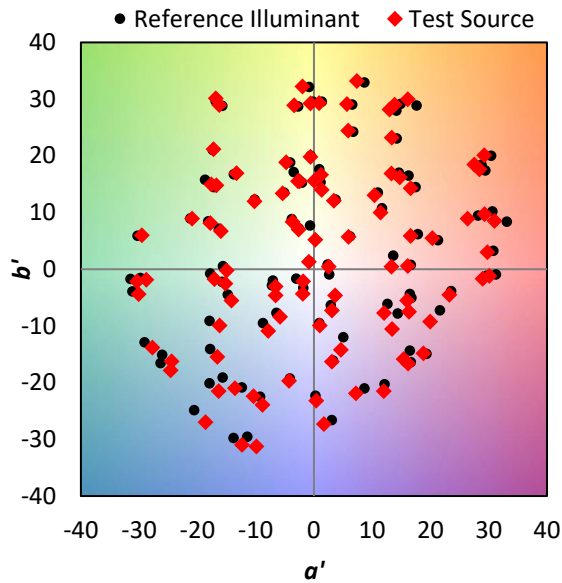
TM-30-18

Summary

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

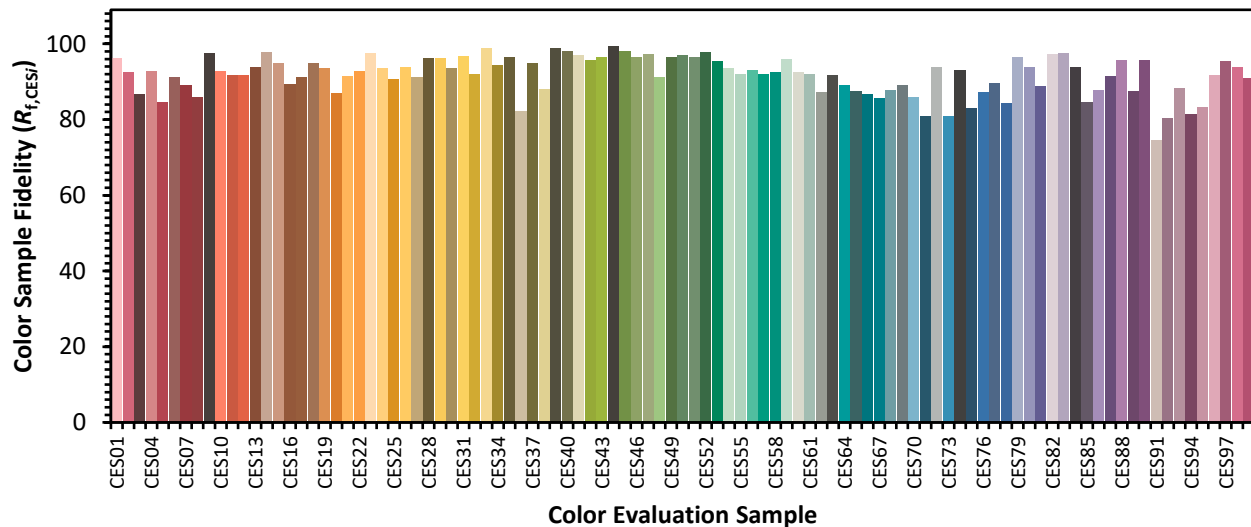


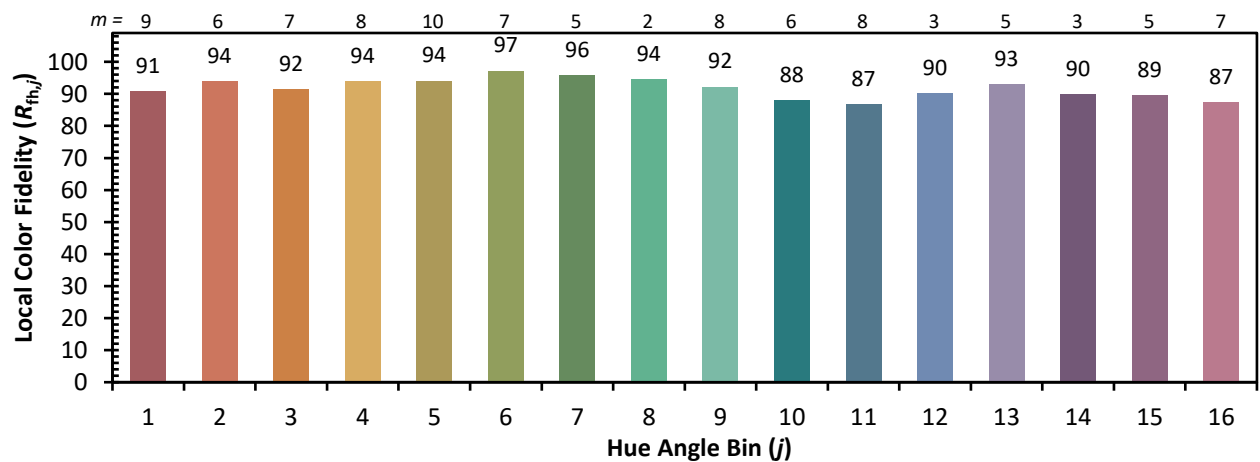
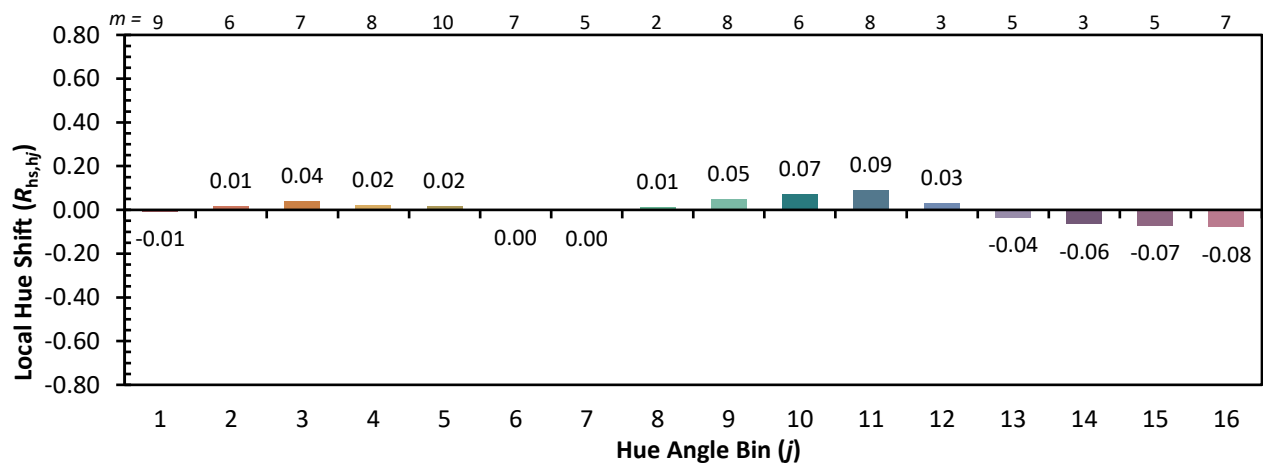
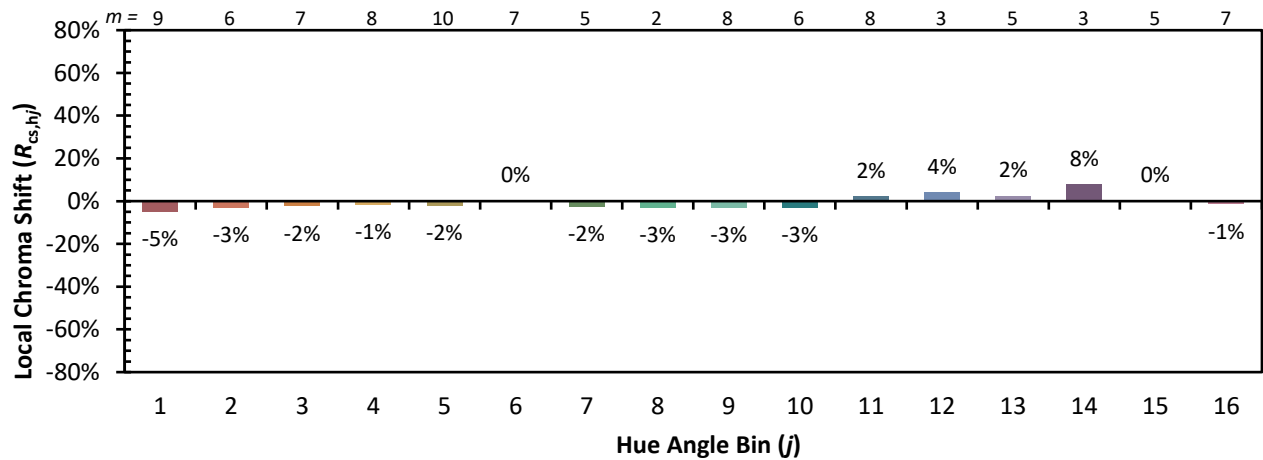
Color Vector Graphics



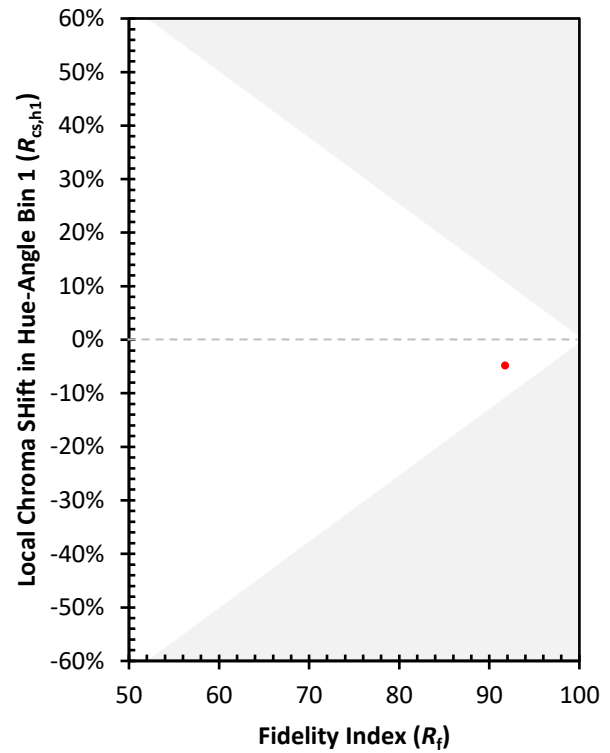
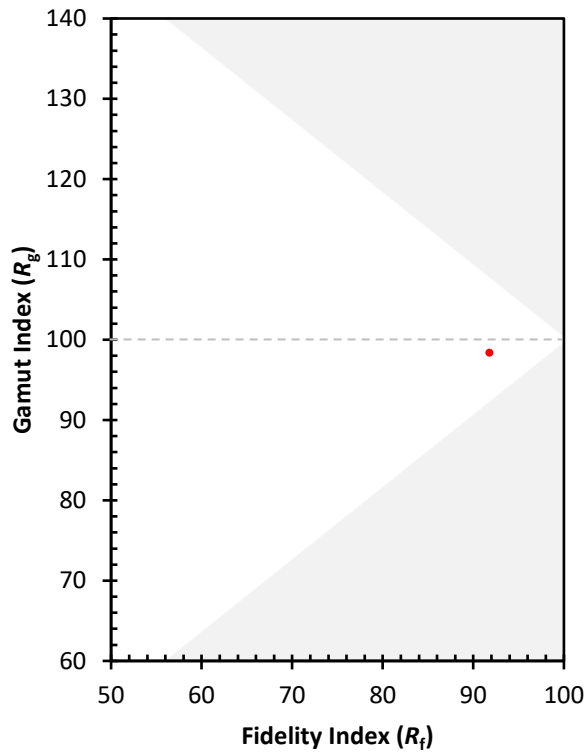
Individual Sample Fidelity Index ($R_{f,i}$)

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)