

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: P1049393

Luminaire Tested: **GALN-SA2A-940-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049393
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-940-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
90CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4881.2 lumens
Efficiency: N/A
Efficacy: 87.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 55.8
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

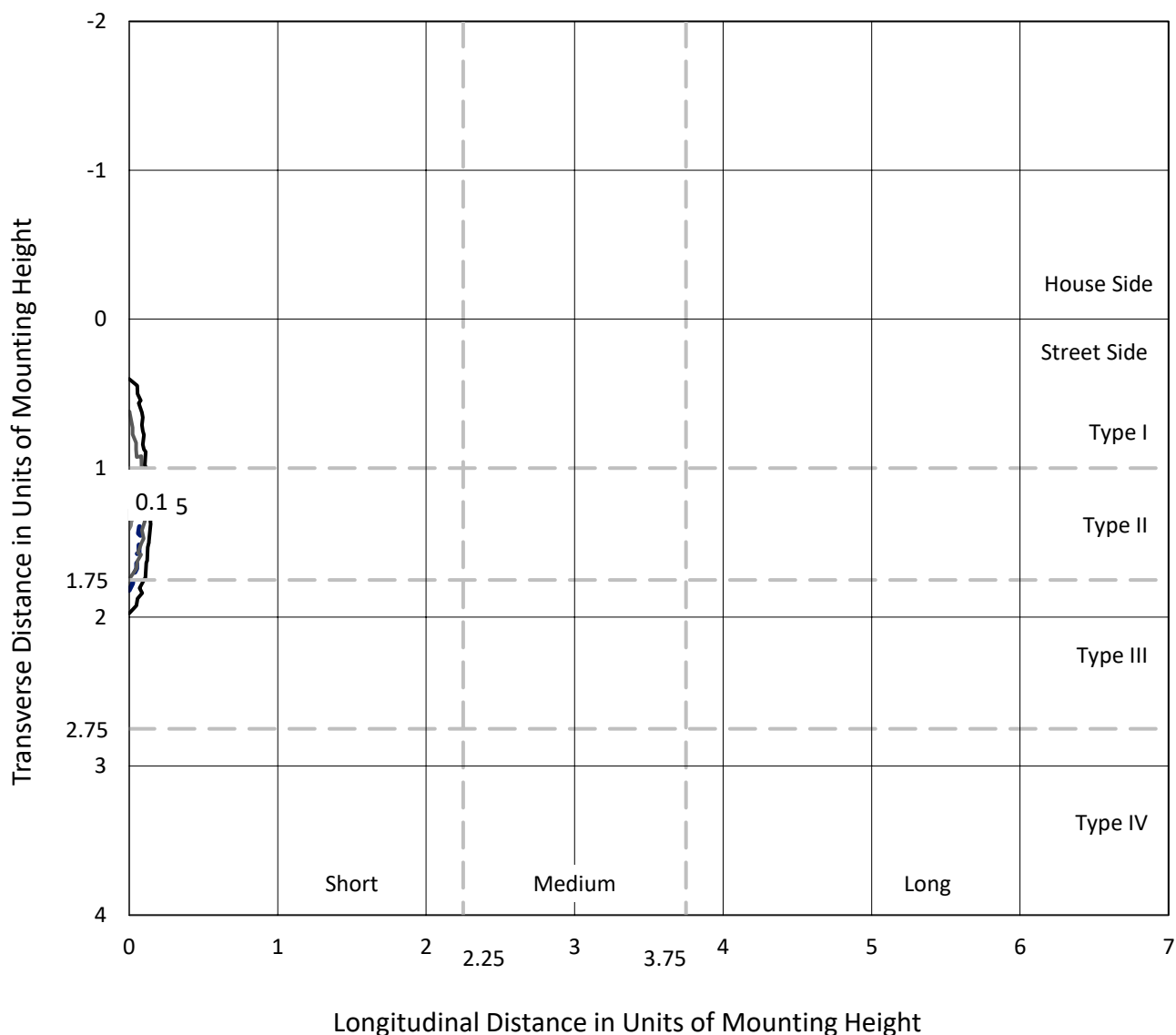
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

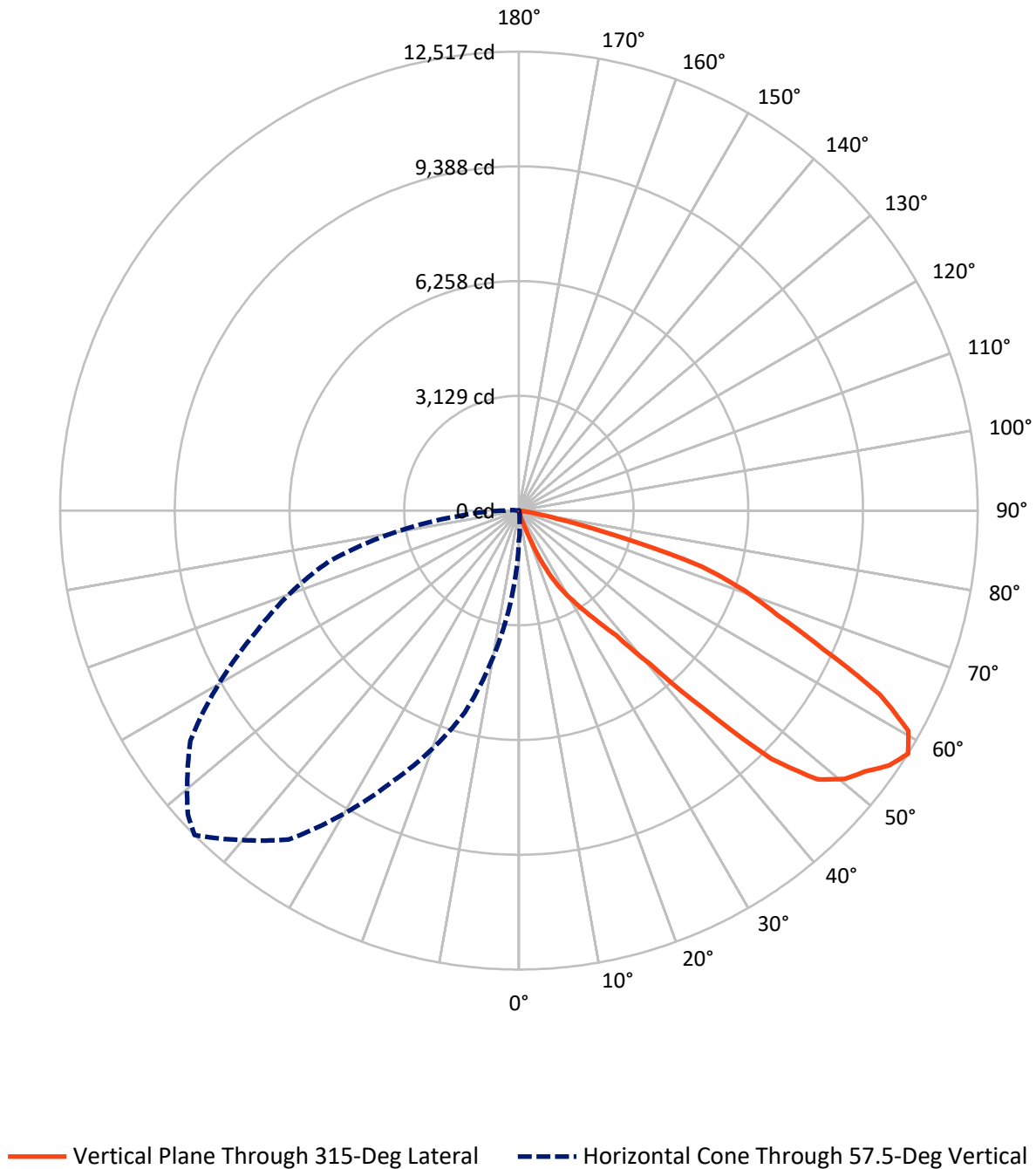


Based on 20 foot mounting height. Maximum calculated value = 0.7 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	24.4	0.0	24.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	4856.8	0.0	4856.8
	% Fixture	99.5	0.0	99.5
Total	Lumens	4881.2	0.0	4881.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.9	0.0
10°-20°	10.7	0.2
20°-30°	115.7	2.4
30°-40°	342.1	7.0
40°-50°	1019.5	20.9
50°-60°	1616.5	33.1
60°-70°	1349.4	27.6
70°-80°	416.1	8.5
80°-90°	9.3	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°	4881.2	100.0
0°-180°	4881.2	100.0



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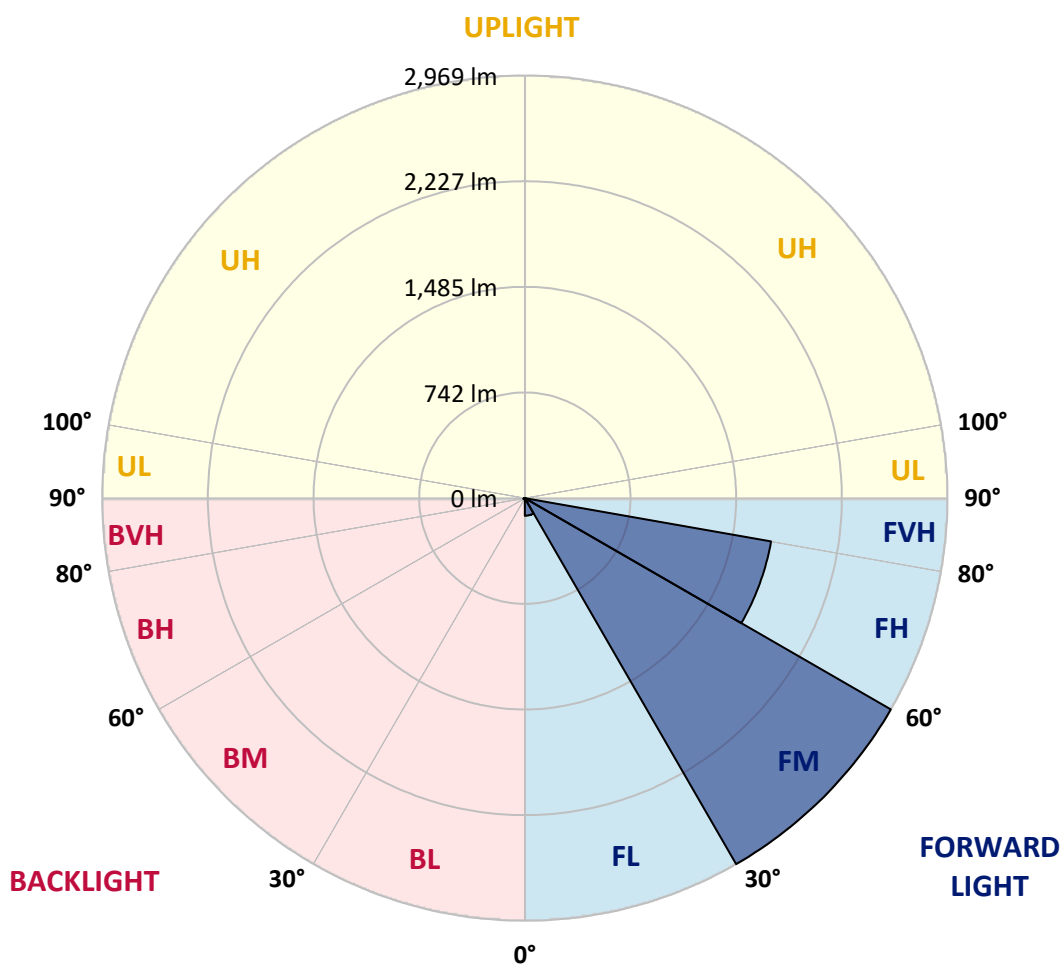
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	123.8	2.5			
FM	(30°-60°)	2969.4	60.8			
FH	(60°-80°)	1756.4	36.0			G1/1800
FVH	(80°-90°)	7.2	0.1			G0/10
BL	(0°-30°)	4.5	0.1	B0/110		
BM	(30°-60°)	8.7	0.2	B0/220		
BH	(60°-80°)	9.1	0.2	B0/110		G0/110
BVH	(80°-90°)	2.1	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°	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
2.5°	19.5	19.5	19.5	19.5	19.2	19.2	18.8	18.8	18.4	18.4
5°	20.7	20.7	20.3	19.9	19.9	19.5	19.2	18.8	18.8	18.4
7.5°	22.5	22.1	21.8	21.4	20.7	20.3	19.5	19.2	18.8	18.1
10°	24.7	24.0	23.2	22.5	21.8	21.0	20.3	19.9	19.2	18.8
12.5°	27.7	26.6	25.1	24.0	23.2	22.1	21.4	20.7	19.5	18.8
15°	30.2	28.8	26.9	25.5	24.3	22.9	21.8	20.7	19.9	18.8
17.5°	33.9	31.4	28.4	26.6	25.1	23.2	21.4	20.3	19.2	17.7
20°	40.2	35.0	29.5	27.3	25.1	22.9	20.7	19.2	18.1	16.6
22.5°	50.2	41.3	32.5	29.1	26.2	22.9	19.9	18.4	17.0	15.5
25°	69.3	53.5	37.6	33.2	28.8	24.3	19.9	18.1	16.6	14.8
27.5°	92.2	68.6	44.6	38.4	32.5	26.2	19.9	17.7	15.9	13.6
30°	115.5	84.1	52.4	44.3	36.1	28.0	19.9	17.3	15.1	12.5
32.5°	137.6	98.5	59.0	49.4	39.8	29.9	20.3	17.3	14.4	11.4
35°	160.1	110.3	60.1	50.2	40.2	29.9	19.9	16.6	13.6	10.3
37.5°	188.9	123.6	57.9	48.0	38.4	28.4	18.8	15.9	12.9	9.6
40°	232.4	145.7	59.0	48.7	38.4	28.0	17.7	14.8	12.2	9.2
42.5°	312.8	188.5	63.8	52.0	40.2	28.0	16.2	13.6	11.4	8.9
45°	540.8	313.2	85.6	67.9	50.2	32.5	14.8	12.5	10.7	8.5
47.5°	894.5	524.2	153.8	118.8	84.1	49.1	14.4	12.5	10.7	8.5
50°	1141.6	667.7	193.7	149.0	104.4	59.8	15.1	12.9	11.1	8.9
52.5°	1139.8	678.0	215.8	165.6	115.8	65.7	15.9	13.6	11.8	9.6
55°	1013.3	616.7	219.8	168.9	118.4	67.5	17.0	14.8	12.5	10.3
57.5°	846.9	523.8	200.7	155.3	110.3	64.9	19.5	17.0	14.8	12.2
60°	669.9	413.1	156.4	123.6	91.1	58.3	25.8	22.5	19.5	16.2
62.5°	462.6	299.5	136.5	109.6	83.0	56.1	29.5	26.2	23.2	19.9
65°	327.2	225.4	123.2	100.3	77.8	55.0	32.1	28.4	25.1	21.4
67.5°	244.6	179.3	113.6	94.1	74.5	55.0	35.4	31.0	26.9	22.5
70°	187.4	147.2	106.6	90.7	75.2	59.4	43.5	37.3	31.4	25.1
72.5°	152.7	125.8	98.5	87.1	75.6	64.2	52.7	44.6	36.5	28.0
75°	126.5	107.7	88.9	79.3	70.1	60.5	50.9	43.5	36.5	29.1
77.5°	84.1	76.7	69.0	63.4	57.9	52.0	46.5	40.2	34.3	28.0
80°	29.5	28.4	27.3	29.5	31.7	33.9	36.1	31.7	27.7	23.2
82.5°	4.4	4.1	3.7	4.1	4.4	4.8	5.2	5.5	5.9	6.3
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°	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
0.0	2.5°	18.1	18.1	17.7	17.7	17.7	17.3	17.3	17.0	17.0	17.0
0.0	5°	17.7	17.7	17.3	17.0	16.6	16.6	16.2	15.9	15.9	15.5
0.0	7.5°	17.3	17.0	16.6	16.2	15.9	15.5	15.1	14.8	14.8	14.4
0.0	10°	17.7	17.0	16.6	15.9	15.5	15.1	14.4	14.0	13.6	13.6
0.0	12.5°	17.0	16.6	15.9	15.1	14.8	14.0	13.6	12.9	12.5	12.5
0.0	15°	17.0	16.2	15.1	14.4	13.6	13.3	12.5	11.8	11.4	11.1
0.0	17.5°	15.9	15.1	14.0	13.3	12.5	11.8	11.1	10.3	10.0	9.6
0.0	20°	14.4	13.6	12.5	11.4	10.7	10.0	9.2	8.5	8.1	7.7
0.0	22.5°	12.9	12.2	11.1	10.0	9.2	8.5	7.4	6.6	6.3	5.5
0.0	25°	12.2	11.1	10.0	8.9	7.7	7.0	5.9	4.8	4.1	3.3
0.0	27.5°	10.3	9.2	8.1	7.0	5.9	4.8	3.7	2.6	1.8	1.5
0.0	30°	8.9	7.7	6.6	5.5	4.1	3.0	1.8	0.4	0.4	0.4
0.0	32.5°	7.4	6.3	4.8	3.7	3.0	1.8	1.1	0.0	0.0	0.0
0.0	35°	5.9	4.8	3.3	2.2	1.8	1.1	0.7	0.0	0.0	0.0
0.0	37.5°	5.2	4.1	2.6	1.1	0.7	0.7	0.4	0.0	0.0	0.0
0.0	40°	4.8	3.3	1.8	0.4	0.4	0.4	0.0	0.0	0.0	0.0
0.0	42.5°	4.8	3.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	4.8	3.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	4.8	3.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	5.2	3.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	5.9	4.4	3.0	1.5	1.1	0.7	0.4	0.0	0.0	0.0
0.0	55°	7.4	6.6	5.5	4.8	3.7	2.6	1.1	0.0	0.0	0.0
0.0	57.5°	9.6	9.6	9.2	8.9	6.6	4.4	2.2	0.0	0.0	0.0
0.0	60°	12.9	12.9	12.9	12.9	9.6	6.6	3.3	0.0	0.0	0.0
0.0	62.5°	15.9	15.1	14.0	13.3	10.0	6.6	3.3	0.0	0.0	0.0
0.0	65°	15.9	14.4	12.5	10.7	8.1	5.5	2.6	0.0	0.0	0.0
0.0	67.5°	14.8	11.8	8.5	5.5	4.1	3.0	1.5	0.0	0.0	0.0
	70°	14.8	10.3	5.9	1.5	1.1	0.7	0.4	0.0	0.0	0.0
	72.5°	14.8	10.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	16.2	11.1	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	16.2	11.1	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	14.4	9.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	4.8	3.3	1.5	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°	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
0.0	2.5°	16.6	16.6	16.6	16.2	16.2	16.2	16.2	15.9	15.9	15.9
0.0	5°	15.1	15.1	14.8	14.8	14.4	14.4	14.0	14.0	13.6	13.6
0.0	7.5°	14.0	13.6	13.6	13.3	12.9	12.9	12.5	12.5	12.2	11.8
0.0	10°	12.9	12.5	12.5	12.2	11.8	11.4	11.4	11.1	10.7	10.3
0.0	12.5°	11.8	11.4	11.1	10.7	10.3	10.0	10.0	9.6	9.2	8.9
0.0	15°	10.3	10.0	9.6	9.2	8.9	8.5	8.5	8.1	7.7	7.4
0.0	17.5°	8.9	8.5	8.5	8.1	7.7	7.4	7.0	6.3	5.9	5.5
0.0	20°	6.6	6.3	5.9	5.5	5.2	4.4	4.1	3.3	2.6	2.2
0.0	22.5°	4.4	3.7	3.3	2.6	1.8	1.5	1.1	0.4	0.0	0.0
0.0	25°	1.5	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049393

CATALOG NUMBER: GALN-SA2A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049393

CATALOG NUMBER: GALN-SA2A-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°	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
0.0	2.5°	15.5	15.5	15.5	15.1	15.1	15.1	15.1	15.1	15.1	15.1
0.0	5°	13.3	13.3	13.3	12.9	12.9	12.5	12.5	12.5	12.2	12.2
0.0	7.5°	11.4	11.1	11.1	10.7	10.7	10.3	10.3	10.3	10.0	10.0
0.0	10°	9.6	9.2	9.2	8.9	8.9	8.5	8.5	8.1	8.1	7.7
0.0	12.5°	8.5	8.1	7.7	7.4	7.4	7.0	6.6	6.6	6.3	5.9
0.0	15°	6.6	6.3	5.9	5.5	5.2	4.8	4.4	4.4	4.1	3.7
0.0	17.5°	4.4	3.7	3.3	3.0	3.0	2.6	2.2	1.8	1.5	1.1
0.0	20°	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049393

CATALOG NUMBER: GALN-SA2A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049393

CATALOG NUMBER: GALN-SA2A-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°	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
0.0	2.5°	15.1	14.8	14.8	14.8	15.1	15.1	15.1	15.1	15.1	15.1
0.0	5°	12.2	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
0.0	7.5°	10.0	9.6	9.6	9.6	9.6	9.2	9.2	9.2	9.2	9.2
0.0	10°	7.7	7.4	7.4	7.4	7.4	7.0	7.0	7.0	7.0	7.0
0.0	12.5°	5.5	5.5	5.2	5.2	5.2	4.8	4.8	4.8	4.8	4.4
0.0	15°	3.3	3.0	2.6	2.6	2.6	2.2	2.2	2.2	2.2	1.8
0.0	17.5°	0.7	0.7	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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-SA2A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
0.0	2.5°	15.5	15.5	15.9	15.9	16.2	17.0	17.3	17.7	18.4	19.2
0.0	5°	12.2	12.5	12.5	12.9	13.3	13.6	14.0	14.4	15.1	15.9
0.0	7.5°	9.6	9.6	10.0	10.0	10.3	11.1	11.4	11.8	12.5	13.6
0.0	10°	7.4	7.4	7.7	7.7	8.1	8.9	9.2	9.6	10.3	11.4
0.0	12.5°	4.8	5.2	5.2	5.5	5.9	6.6	7.0	7.4	8.1	8.9
0.0	15°	2.2	2.6	2.6	3.0	3.3	4.1	4.4	4.8	5.5	6.6
0.0	17.5°	0.4	0.4	0.7	0.7	1.1	1.5	1.8	2.2	3.3	4.1
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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-SA2A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
0.0	2.5°	20.3	21.0	21.8	22.5	23.2	24.0	24.3	25.1	25.5	25.8
0.0	5°	17.3	18.1	19.2	19.9	20.7	21.4	22.1	22.5	22.9	23.2
0.0	7.5°	15.1	15.9	17.0	17.7	18.4	19.2	19.9	20.7	21.0	21.4
0.0	10°	12.9	14.0	14.8	15.9	16.6	17.3	18.1	18.8	19.5	19.9
0.0	12.5°	10.3	11.4	12.5	13.3	14.4	15.5	16.2	17.0	17.7	18.4
0.0	15°	8.1	9.2	10.3	11.1	12.2	13.3	14.4	15.1	15.9	16.6
0.0	17.5°	5.9	7.0	8.1	8.9	10.0	11.1	11.8	12.9	13.6	14.4
0.0	20°	3.0	4.1	5.2	6.3	7.4	8.5	9.2	10.3	11.1	11.8
0.0	22.5°	0.4	1.5	2.6	3.3	4.4	5.5	6.3	7.4	8.1	8.9
0.0	25°	0.0	0.4	1.1	1.5	1.8	2.6	3.3	4.1	4.8	5.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.5	2.2	3.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.7
	85°	0.0	0.0	0.0	0.0	0.0	0.7	1.1	1.8	2.2	2.6
	87.5°	0.0	0.4	0.7	1.1	1.5	2.2	3.0	3.7	4.1	4.4
	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: P1049393

CATALOG NUMBER: GALN-SA2A-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
21.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	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											
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REPORT NUMBER: P1049393

CATALOG NUMBER: GALN-SA2A-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°	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
0.0	2.5°	26.2	26.2	26.2	26.2	25.8	25.8	25.8	25.5	25.5	25.1
0.0	5°	24.0	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.0	24.0
0.0	7.5°	22.1	22.5	22.9	22.9	23.2	23.2	23.2	22.9	22.9	22.5
0.0	10°	21.0	21.4	21.4	21.8	21.8	21.8	21.8	21.8	21.8	21.8
0.0	12.5°	19.5	19.9	20.3	20.3	20.7	20.7	20.7	20.7	20.3	20.3
0.0	15°	17.7	18.4	18.8	19.2	19.2	19.5	19.5	19.5	19.5	19.5
0.0	17.5°	16.2	17.0	17.3	17.7	17.7	18.1	18.1	18.4	18.4	18.4
0.0	20°	13.3	14.0	14.4	15.1	15.5	15.9	16.2	16.6	16.6	17.0
0.0	22.5°	10.3	11.1	11.4	12.2	12.5	12.9	13.3	13.6	14.0	14.4
0.0	25°	7.4	8.1	8.5	9.2	9.6	10.0	10.3	10.7	10.7	11.1
0.0	27.5°	4.1	4.8	5.5	5.9	6.6	7.0	7.4	7.7	8.1	8.5
0.0	30°	1.8	2.2	2.6	3.3	3.7	4.1	4.4	5.2	5.5	5.9
0.0	32.5°	0.0	0.0	0.4	1.1	1.5	1.8	2.2	2.6	2.6	3.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.1	1.5
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°	0.7	0.7	0.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	82.5°	1.8	2.2	2.6	2.6	3.0	3.0	3.0	3.0	2.6	2.6
	85°	3.7	4.1	4.4	4.4	4.8	4.8	4.8	4.8	4.8	4.8
	87.5°	5.2	5.5	5.9	5.9	6.3	6.3	6.3	6.3	6.3	6.3
	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

REPORT NUMBER: P1049393

CATALOG NUMBER: GALN-SA2A-940-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
21.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
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REPORT NUMBER: P1049393

CATALOG NUMBER: GALN-SA2A-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°	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
0.0	2.5°	24.7	24.7	24.3	24.3	24.3	24.3	24.3	24.7	25.1	25.1
0.0	5°	23.6	23.6	23.2	23.2	23.2	23.6	23.6	24.0	24.3	24.7
0.0	7.5°	22.5	22.1	22.1	22.5	22.5	22.9	22.9	23.2	23.6	24.0
0.0	10°	21.8	21.4	21.4	21.4	21.8	21.8	22.1	22.5	22.9	23.2
0.0	12.5°	20.3	20.3	20.3	20.3	20.7	20.7	21.0	21.4	22.1	22.5
0.0	15°	19.5	19.2	19.2	19.2	19.2	19.5	19.5	20.3	21.0	21.4
0.0	17.5°	18.1	18.1	17.7	17.7	18.1	18.1	18.4	19.2	19.9	20.3
0.0	20°	16.6	16.2	15.9	15.9	16.2	16.2	16.6	17.3	18.1	18.4
0.0	22.5°	14.4	14.0	14.0	14.0	14.0	14.4	14.4	15.1	16.2	17.0
0.0	25°	11.4	11.8	11.8	12.2	12.2	12.5	12.9	13.6	14.8	15.5
0.0	27.5°	8.9	9.2	9.2	10.0	10.3	10.7	11.1	12.2	13.3	14.0
0.0	30°	6.6	7.0	7.4	7.7	8.5	9.2	10.0	11.1	12.2	12.9
0.0	32.5°	4.1	4.8	5.2	5.9	6.6	7.4	8.1	9.2	10.7	11.8
0.0	35°	3.0	3.3	4.1	4.4	5.2	5.9	6.6	8.1	9.2	10.7
0.0	37.5°	1.5	2.2	3.0	3.7	4.4	5.2	5.9	7.4	8.9	10.0
0.0	40°	1.1	1.8	2.2	3.0	4.1	4.8	5.5	7.0	8.5	10.0
0.0	42.5°	0.7	1.1	1.5	2.6	3.3	4.4	5.5	7.0	8.5	10.0
0.0	45°	0.7	0.7	1.1	2.2	3.3	4.8	5.9	7.4	8.5	10.0
0.0	47.5°	0.7	1.1	1.5	3.0	3.7	4.8	5.9	7.0	8.5	9.6
0.0	50°	1.1	1.5	1.8	3.3	4.1	5.2	5.9	7.4	8.5	10.0
0.0	52.5°	0.7	1.1	1.5	3.0	4.1	5.5	6.6	8.1	9.6	10.7
0.0	55°	0.4	0.4	0.4	2.2	4.4	6.3	8.5	9.6	11.1	12.2
0.0	57.5°	0.0	0.0	0.0	1.5	4.4	7.0	9.6	11.1	12.5	13.6
0.0	60°	0.0	0.0	0.0	1.5	4.4	7.0	9.6	11.4	13.3	15.1
0.0	62.5°	0.0	0.0	0.0	1.5	3.7	5.9	8.1	11.1	14.4	17.3
0.0	65°	0.0	0.0	0.0	1.1	3.0	4.8	6.6	11.1	15.5	19.5
0.0	67.5°	0.0	0.0	0.0	1.1	3.0	4.4	6.3	11.1	15.5	20.3
	70°	0.0	0.0	0.0	1.1	3.0	4.8	6.6	11.1	15.5	19.9
	72.5°	0.0	0.0	0.0	1.1	3.3	5.2	7.4	11.1	14.8	18.4
	75°	0.0	0.0	0.0	1.5	3.3	5.5	7.7	11.1	14.4	17.3
	77.5°	0.0	0.0	0.0	1.1	3.3	5.2	7.4	10.7	14.0	17.0
	80°	1.1	0.7	0.7	1.8	3.3	4.8	6.3	9.6	13.3	16.6
	82.5°	2.2	2.2	1.8	2.6	3.3	4.4	5.5	8.5	11.8	14.8
	85°	4.4	4.4	4.1	4.4	4.4	4.8	5.2	6.6	8.1	9.6
	87.5°	5.9	5.9	5.5	5.5	5.5	5.2	5.2	5.2	5.2	4.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049393

CATALOG NUMBER: GALN-SA2A-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
21.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.3											
22.1											
20.7											
20.3											
19.9											
17.7											
11.1											
4.8											
0.0											
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REPORT NUMBER: P1049393

CATALOG NUMBER: GALN-SA2A-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°	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
0.0	2.5°	25.8	26.2	26.2	26.6	26.9	27.3	27.3	27.7	27.7	27.7
0.0	5°	25.5	26.2	26.6	26.9	27.3	27.7	28.0	28.4	28.8	28.8
0.0	7.5°	25.1	25.5	26.2	26.6	27.3	27.7	28.4	28.8	29.1	29.5
0.0	10°	24.3	25.1	25.8	26.6	27.3	28.0	28.8	29.5	30.2	30.6
0.0	12.5°	23.6	24.7	25.5	26.2	27.3	28.4	29.1	30.2	31.0	31.7
0.0	15°	23.2	24.0	25.1	25.8	27.3	28.8	29.9	31.4	32.8	33.9
0.0	17.5°	22.1	23.6	24.7	25.8	27.3	29.1	30.6	32.1	34.3	36.5
0.0	20°	20.7	21.8	23.2	24.3	26.6	28.4	30.6	32.5	35.8	39.1
0.0	22.5°	19.2	20.7	21.8	23.2	25.8	28.0	30.6	32.8	38.4	43.5
0.0	25°	17.7	19.5	21.0	22.5	25.5	28.4	31.4	34.3	43.5	52.7
0.0	27.5°	17.0	18.4	20.3	21.8	25.5	29.5	33.2	36.9	51.6	66.0
0.0	30°	15.9	17.7	19.2	21.0	25.8	30.6	35.4	40.2	62.7	85.2
0.0	32.5°	14.8	16.6	18.4	20.3	26.6	32.8	38.7	45.0	74.5	103.7
0.0	35°	13.6	15.9	17.7	19.5	27.7	36.1	44.3	52.4	85.2	117.7
0.0	37.5°	13.3	15.5	17.3	19.2	28.0	36.5	45.4	53.9	86.3	118.8
0.0	40°	13.6	15.5	17.7	19.5	26.9	34.3	41.3	48.7	82.6	116.2
0.0	42.5°	13.6	15.9	18.1	20.3	26.2	32.1	38.0	43.9	81.5	119.1
0.0	45°	13.3	15.5	17.7	19.9	25.5	30.6	36.1	41.3	88.2	134.6
0.0	47.5°	12.9	15.1	17.3	19.5	25.1	30.6	36.1	41.7	114.0	185.9
0.0	50°	12.9	15.1	17.0	18.8	25.5	32.5	39.1	45.7	166.0	285.9
0.0	52.5°	13.6	15.5	17.0	18.4	26.2	34.3	42.1	49.8	211.0	371.8
0.0	55°	14.8	15.9	17.3	18.4	28.0	37.3	46.8	56.1	224.6	393.2
0.0	57.5°	16.2	17.3	18.4	19.5	31.4	43.2	54.6	66.4	225.7	384.7
0.0	60°	18.1	19.5	20.7	21.8	34.3	47.2	59.8	72.3	204.4	336.0
0.0	62.5°	22.1	24.0	25.5	27.3	39.5	51.3	63.4	75.2	169.7	264.1
0.0	65°	25.5	26.9	28.4	29.9	41.7	53.9	65.7	77.5	143.9	210.3
0.0	67.5°	26.2	27.7	28.8	30.2	42.4	54.6	66.4	78.6	123.2	167.5
	70°	26.6	28.4	30.6	32.5	45.0	57.5	69.7	82.3	109.2	136.1
	72.5°	25.5	29.1	32.5	35.8	47.6	59.0	70.8	82.3	101.4	120.6
	75°	25.5	30.6	35.4	40.2	49.1	57.5	66.4	74.9	89.6	104.4
	77.5°	26.9	33.6	40.2	46.8	52.0	56.8	62.0	66.8	76.4	85.9
	80°	26.9	33.9	40.6	47.6	49.8	52.4	54.6	56.8	57.9	59.0
	82.5°	23.2	28.8	34.3	39.8	37.3	34.7	32.1	29.5	27.7	25.5
	85°	11.8	12.9	13.6	14.4	13.3	12.2	11.1	10.0	9.2	8.1
	87.5°	4.8	4.8	4.4	4.4	4.4	4.4	4.1	4.1	4.1	4.1
	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: P1049393

CATALOG NUMBER: GALN-SA2A-940-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
21.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
184.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
209.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
228.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
247.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
284.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
358.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
545.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
836.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1052.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1076.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
971.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
830.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
649.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
490.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
362.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
256.4											
190.7											
138.7											
104.4											
58.6											
26.6											
7.7											
3.7											
0.0											
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REPORT NUMBER: P1049393

CATALOG NUMBER: GALN-SA2A-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°	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
0.0	2.5°	27.7	27.3	27.3	26.9	26.6	26.2	25.8	25.5	25.1	24.7
0.0	5°	28.8	28.8	28.8	28.4	28.4	28.0	28.0	27.7	27.3	26.9
0.0	7.5°	29.9	30.2	30.2	30.6	30.6	30.6	30.6	30.2	30.2	30.2
0.0	10°	31.7	32.1	32.5	32.8	33.2	33.6	33.6	33.9	33.9	33.9
0.0	12.5°	33.9	35.0	35.8	36.9	37.6	38.7	39.5	40.6	41.3	42.1
0.0	15°	37.3	39.1	41.3	43.2	45.0	47.6	50.5	53.1	55.7	59.8
0.0	17.5°	42.1	48.0	53.9	59.4	65.3	78.2	91.1	103.7	116.6	135.4
0.0	20°	51.3	69.0	86.3	104.0	121.4	166.7	211.7	257.1	302.1	350.4
0.0	22.5°	71.9	115.5	159.0	202.5	246.0	340.8	435.3	530.1	624.5	735.5
0.0	25°	104.4	184.4	264.5	344.2	424.2	572.5	721.1	869.4	1017.7	1161.9
0.0	27.5°	152.0	274.4	396.9	519.0	641.5	842.5	1043.9	1244.9	1446.0	1609.0
0.0	30°	210.6	376.6	542.6	708.6	874.6	1103.3	1332.0	1560.3	1789.0	1967.2
0.0	32.5°	266.0	469.2	672.4	875.3	1078.6	1339.0	1599.8	1860.2	2120.6	2315.4
0.0	35°	302.1	547.8	793.8	1039.5	1285.1	1567.0	1848.8	2130.2	2412.0	2634.5
0.0	37.5°	338.3	621.9	905.2	1188.9	1472.2	1781.6	2091.1	2400.6	2710.1	2984.9
0.0	40°	378.8	711.5	1043.9	1376.6	1709.0	2075.6	2441.9	2808.6	3174.8	3562.5
0.0	42.5°	449.3	860.2	1271.5	1682.4	2093.3	2578.4	3063.4	3548.1	4033.2	4586.5
0.0	45°	581.7	1160.8	1740.3	2319.4	2898.6	3541.1	4184.1	4826.6	5469.2	6205.5
0.0	47.5°	905.9	1702.7	2499.1	3295.8	4092.2	4786.1	5479.5	6173.4	6866.8	7600.2
0.0	50°	1386.2	2313.5	3240.9	4167.8	5095.2	5723.0	6350.4	6978.2	7605.7	8303.2
0.0	52.5°	1733.7	2699.7	3666.2	4632.2	5598.3	6164.9	6731.8	7298.4	7865.0	8516.8
0.0	55°	1759.9	2720.4	3681.3	4641.8	5602.4	6171.5	6740.7	7309.9	7879.0	8569.9
0.0	57.5°	1558.1	2510.9	3463.3	4416.1	5368.5	6016.6	6664.3	7312.4	7960.2	8707.1
0.0	60°	1325.3	2278.5	3231.3	4184.4	5137.2	5883.8	6630.8	7377.4	8123.9	8823.7
0.0	62.5°	1033.9	2014.4	2995.2	3975.7	4956.1	5714.1	6472.2	7229.8	7987.8	8512.7
0.0	65°	770.6	1722.6	2674.7	3626.3	4578.4	5185.5	5792.7	6399.5	7006.6	7331.6
0.0	67.5°	557.0	1378.1	2198.8	3019.9	3840.7	4275.2	4709.7	5143.9	5578.4	5827.0
	70°	376.6	945.4	1513.8	2082.6	2651.1	3008.1	3365.5	3722.6	4079.7	4415.3
	72.5°	260.8	580.2	900.0	1219.5	1538.9	1898.2	2257.1	2616.4	2975.3	3330.5
	75°	173.0	318.3	464.0	609.4	754.7	1020.7	1287.0	1552.9	1818.9	2030.6
	77.5°	122.8	166.4	210.3	253.8	297.3	347.1	397.3	447.1	496.9	572.5
	80°	58.3	63.8	69.3	74.5	80.0	98.1	116.2	134.3	152.3	171.5
	82.5°	27.7	29.9	32.1	33.9	36.1	38.0	39.8	41.7	43.5	41.7
	85°	7.4	7.4	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.4
	87.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.0	3.0	2.6
	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°
21.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
399.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
846.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1306.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1772.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2145.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2510.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2856.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3260.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3950.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5139.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6941.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8333.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9000.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9168.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9261.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9454.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9523.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9038.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7657.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6076.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4750.6											
3685.7											
2242.3											
648.1											
190.7											
39.5											
7.0											
2.6											
0.0											
0.0											
0.0											
0.0											
0.0											
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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°	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
0.0	2.5°	24.0	23.6	23.2	22.9	22.5	21.8	21.8	21.4	21.4
0.0	5°	26.2	25.8	25.5	25.1	25.1	24.7	24.3	24.3	24.0
0.0	7.5°	29.9	29.5	29.1	28.8	28.8	28.4	28.4	28.0	28.0
0.0	10°	34.3	34.3	34.3	34.3	34.3	33.9	33.9	33.9	33.6
0.0	12.5°	43.2	43.5	44.3	45.0	46.1	46.1	46.1	45.7	45.7
0.0	15°	68.2	72.3	75.2	78.2	80.8	86.7	85.9	84.8	84.1
0.0	17.5°	172.6	191.1	201.0	210.6	220.6	247.9	243.5	239.0	235.0
0.0	20°	447.4	495.8	527.8	559.9	592.4	643.7	631.1	618.6	606.0
0.0	22.5°	957.2	1068.2	1116.6	1164.9	1212.8	1274.8	1234.6	1194.4	1154.6
0.0	25°	1450.0	1594.2	1675.8	1757.3	1838.4	1873.8	1821.5	1768.7	1716.3
0.0	27.5°	1935.1	2098.1	2170.0	2241.6	2313.5	2387.7	2322.8	2257.5	2192.5
0.0	30°	2323.9	2502.0	2579.9	2657.3	2735.2	2786.8	2719.7	2652.2	2585.0
0.0	32.5°	2705.3	2900.0	2985.2	3070.5	3155.3	3229.4	3146.8	3063.8	2981.2
0.0	35°	3078.9	3301.4	3418.7	3536.0	3653.3	3722.2	3624.1	3525.6	3427.5
0.0	37.5°	3534.9	3809.7	3941.0	4072.3	4203.6	4329.4	4221.3	4112.9	4004.8
0.0	40°	4337.9	4725.6	4927.0	5128.7	5330.1	5492.4	5356.0	5219.5	5083.0
0.0	42.5°	5693.1	6246.4	6536.0	6825.2	7114.7	7368.1	7224.6	7081.2	6937.7
0.0	45°	7678.0	8414.2	8767.2	9119.9	9472.9	9658.1	9451.5	9244.6	9038.0
0.0	47.5°	9066.4	9799.7	10114.0	10428.3	10742.5	10953.9	10701.2	10448.5	10196.2
0.0	50°	9697.9	10395.4	10710.8	11025.8	11341.2	11509.0	11217.3	10925.1	10633.3
0.0	52.5°	9820.0	10471.8	10848.0	11224.6	11600.9	11825.2	11480.6	11135.7	10791.2
0.0	55°	9952.1	10642.9	11079.3	11516.0	11952.4	12263.0	11873.5	11483.6	11094.1
0.0	57.5°	10200.7	10947.6	11382.9	11817.8	12253.0	12516.8	12126.2	11735.2	11344.5
0.0	60°	10222.8	10922.2	11296.2	11670.6	12044.6	12210.6	11837.0	11462.9	11089.3
0.0	62.5°	9562.9	10087.8	10347.5	10607.2	10866.8	11047.2	10657.3	10267.1	9877.2
0.0	65°	7981.9	8306.9	8513.8	8720.8	8927.7	9142.8	8785.7	8428.6	8071.6
0.0	67.5°	6324.6	6573.2	6845.8	7118.4	7391.0	7620.8	7334.9	7048.7	6762.8
	70°	5086.3	5421.6	5728.1	6034.7	6341.2	6529.3	6242.3	5955.0	5668.0
	72.5°	4040.9	4396.2	4652.2	4907.8	5163.8	5209.9	4998.9	4787.9	4577.3
	75°	2453.7	2665.4	2670.6	2675.4	2680.6	2724.5	2549.6	2374.8	2200.3
	77.5°	723.7	799.3	861.7	923.6	986.0	1061.2	997.0	932.5	868.3
	80°	209.5	228.7	244.9	260.8	277.0	267.4	252.3	237.2	222.1
	82.5°	37.6	35.4	35.0	34.7	34.7	32.8	29.9	26.9	24.0
	85°	6.6	6.3	5.9	5.5	5.2	4.8	4.1	3.7	3.0
	87.5°	2.2	1.8	1.5	1.1	1.1	0.4	0.4	0.4	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049393

CATALOG NUMBER: GALN-SA2A-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°	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
0.0	0.0	2.5°	21.0	20.7	20.7	20.7	20.7	20.3	20.3	20.3	20.3
0.0	0.0	5°	23.2	23.2	22.9	22.9	22.5	22.5	22.1	22.1	21.8
0.0	0.0	7.5°	27.3	26.9	26.6	26.2	25.8	25.1	24.7	24.3	24.3
0.0	0.0	10°	32.8	32.1	31.7	31.0	30.6	29.9	29.1	28.4	27.7
0.0	0.0	12.5°	43.2	41.7	40.6	39.1	37.6	36.5	35.0	33.9	32.5
0.0	0.0	15°	74.9	71.2	67.1	62.3	57.2	52.4	47.2	44.3	40.9
0.0	0.0	17.5°	191.4	172.3	152.7	136.8	121.0	105.5	89.6	78.2	66.8
0.0	0.0	20°	487.3	434.2	381.0	328.7	275.9	223.5	170.8	144.2	117.7
0.0	0.0	22.5°	917.0	818.5	719.7	624.1	528.2	432.7	337.1	277.0	217.3
0.0	0.0	25°	1415.3	1291.4	1167.5	1010.3	852.8	695.7	538.5	440.8	343.0
0.0	0.0	27.5°	1841.8	1699.0	1556.3	1365.2	1174.1	983.0	792.0	646.3	500.9
0.0	0.0	30°	2211.0	2057.5	1904.1	1681.7	1459.2	1236.8	1014.4	832.2	649.9
0.0	0.0	32.5°	2531.2	2347.5	2163.8	1934.3	1704.9	1475.5	1246.0	1022.5	799.0
0.0	0.0	35°	2900.4	2686.1	2471.4	2216.9	1962.0	1707.5	1453.0	1200.7	948.0
0.0	0.0	37.5°	3369.6	3106.6	2843.2	2559.6	2275.9	1992.6	1709.0	1420.5	1132.1
0.0	0.0	40°	4267.8	3928.4	3589.1	3228.7	2867.9	2507.6	2147.2	1793.1	1439.0
0.0	0.0	42.5°	5877.2	5418.7	4960.2	4480.6	4000.7	3521.2	3041.3	2541.9	2042.1
0.0	0.0	45°	7693.5	7124.7	6555.5	6017.3	5478.8	4940.6	4402.4	3717.1	3031.7
0.0	0.0	47.5°	8714.9	8100.7	7486.5	6977.1	6467.7	5958.3	5448.9	4710.1	3971.2
0.0	0.0	50°	9090.7	8465.5	7840.3	7371.5	6902.3	6433.4	5964.2	5224.3	4484.0
0.0	0.0	52.5°	9170.8	8533.0	7895.2	7423.5	6951.7	6480.3	6008.5	5273.3	4538.2
0.0	0.0	55°	9335.3	8651.1	7966.4	7428.6	6890.8	6353.0	5815.2	5068.2	4321.3
0.0	0.0	57.5°	9550.4	8848.8	8147.2	7534.5	6921.8	6309.5	5696.8	4880.1	4063.4
0.0	0.0	60°	9493.9	8883.4	8272.6	7616.4	6959.8	6303.6	5647.0	4748.8	3850.2
0.0	0.0	62.5°	8514.2	8028.0	7541.5	7001.8	6461.8	5922.2	5382.5	4457.8	3533.0
0.0	0.0	65°	7004.4	6649.6	6294.7	5860.6	5426.0	4991.9	4557.7	3728.5	2899.7
0.0	0.0	67.5°	5676.9	5277.0	4876.8	4530.8	4184.4	3838.4	3492.1	2839.5	2187.0
		70°	4510.1	4075.3	3640.0	3302.1	2963.9	2626.0	2288.1	1854.3	1420.9
		72.5°	3581.7	3189.6	2797.5	2437.1	2076.4	1716.0	1355.2	1098.9	842.5
		75°	1711.9	1555.1	1398.4	1209.9	1021.4	832.9	644.4	532.6	421.2
		77.5°	634.5	550.0	465.1	388.4	311.7	235.3	158.6	145.3	132.1
		80°	164.1	143.1	121.7	106.6	91.1	76.0	60.9	55.0	49.4
		82.5°	18.8	17.3	16.2	15.5	14.4	13.6	12.5	11.4	10.3
		85°	1.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049393

CATALOG NUMBER: GALN-SA2A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049393

CATALOG NUMBER: GALN-SA2A-940-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	21.4	21.4
0.0	0.0	2.5°	19.9	19.5
0.0	0.0	5°	21.0	20.7
0.0	0.0	7.5°	23.2	22.5
0.0	0.0	10°	25.5	24.7
0.0	0.0	12.5°	28.8	27.7
0.0	0.0	15°	32.5	30.2
0.0	0.0	17.5°	38.7	33.9
0.0	0.0	20°	52.4	40.2
0.0	0.0	22.5°	73.8	50.2
0.0	0.0	25°	108.4	69.3
0.0	0.0	27.5°	150.9	92.2
0.0	0.0	30°	200.7	115.5
0.0	0.0	32.5°	244.6	137.6
0.0	0.0	35°	301.7	160.1
0.0	0.0	37.5°	372.2	188.9
0.0	0.0	40°	481.4	232.4
0.0	0.0	42.5°	678.0	312.8
0.0	0.0	45°	1101.1	540.8
0.0	0.0	47.5°	1694.2	894.5
0.0	0.0	50°	2072.7	1141.6
0.0	0.0	52.5°	2103.7	1139.8
0.0	0.0	55°	1920.3	1013.3
0.0	0.0	57.5°	1638.5	846.9
0.0	0.0	60°	1361.9	669.9
0.0	0.0	62.5°	1073.0	462.6
0.0	0.0	65°	784.2	327.2
0.0	0.0	67.5°	563.3	244.6
		70°	370.3	187.4
		72.5°	241.2	152.7
		75°	162.3	126.5
		77.5°	94.8	84.1
		80°	33.6	29.5
		82.5°	6.3	4.4
		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: P1049393

CATALOG NUMBER: GALN-SA2A-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

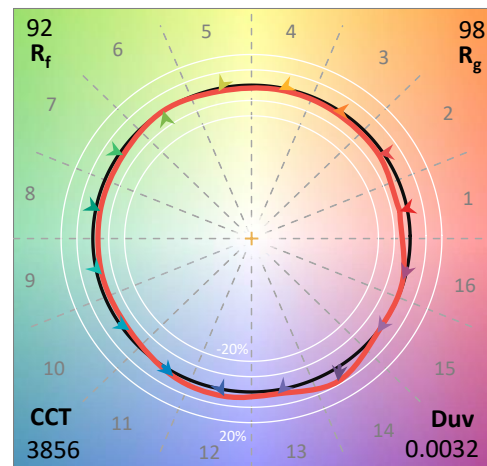
Test Information

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

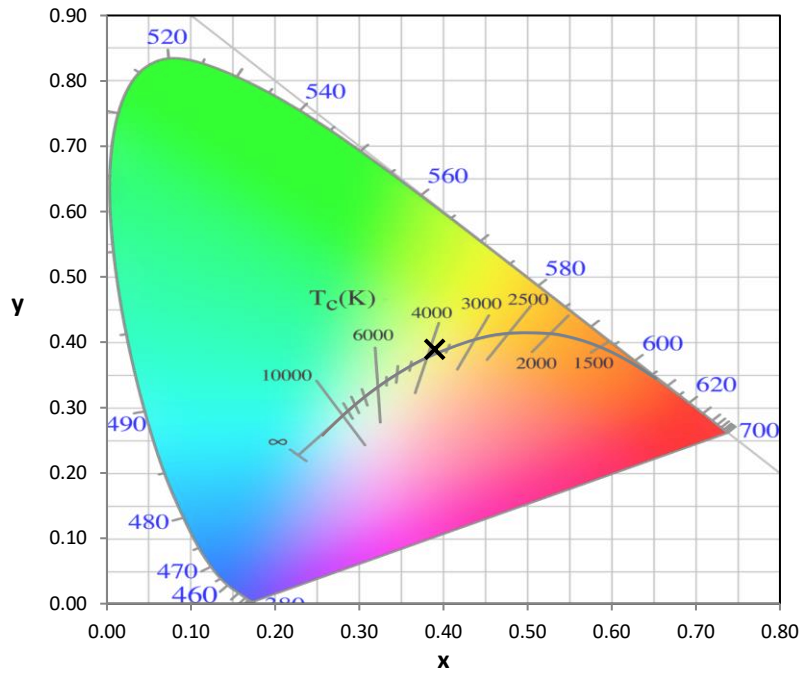
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

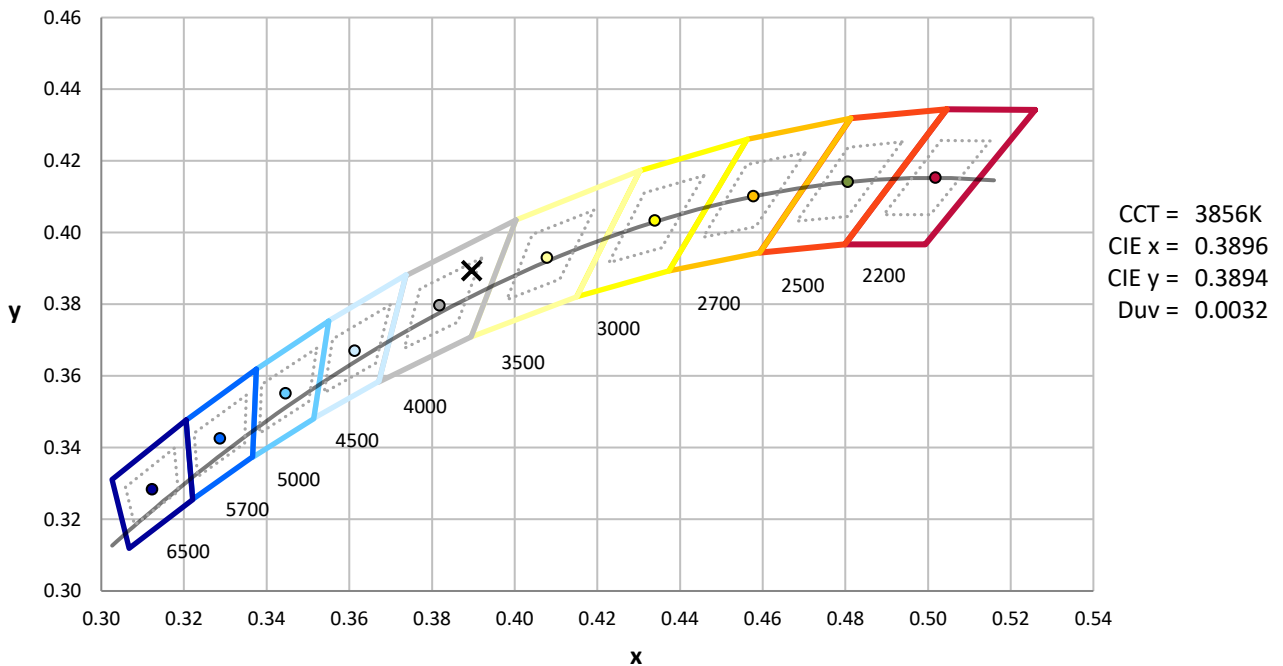
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



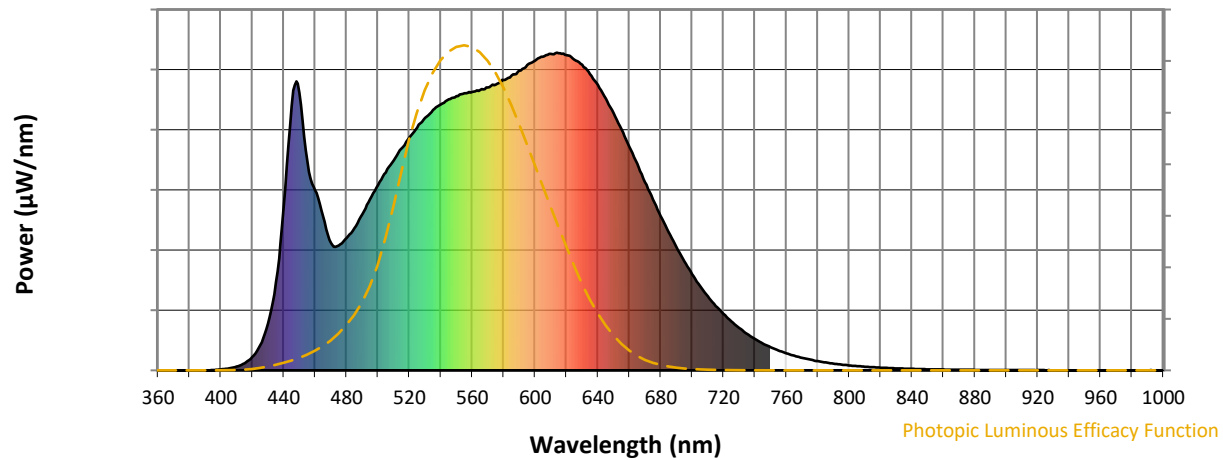
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

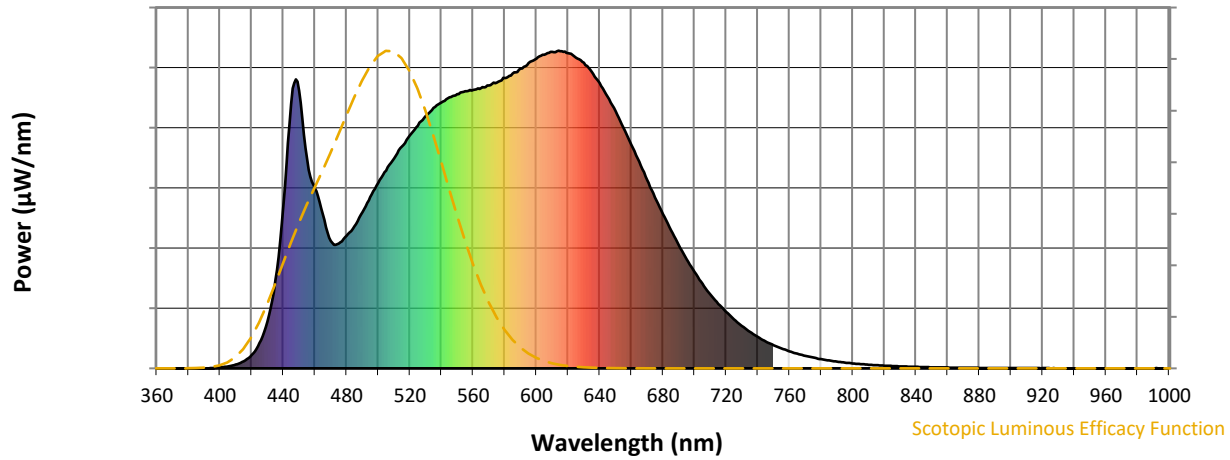


Photopic Lumens: NR

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



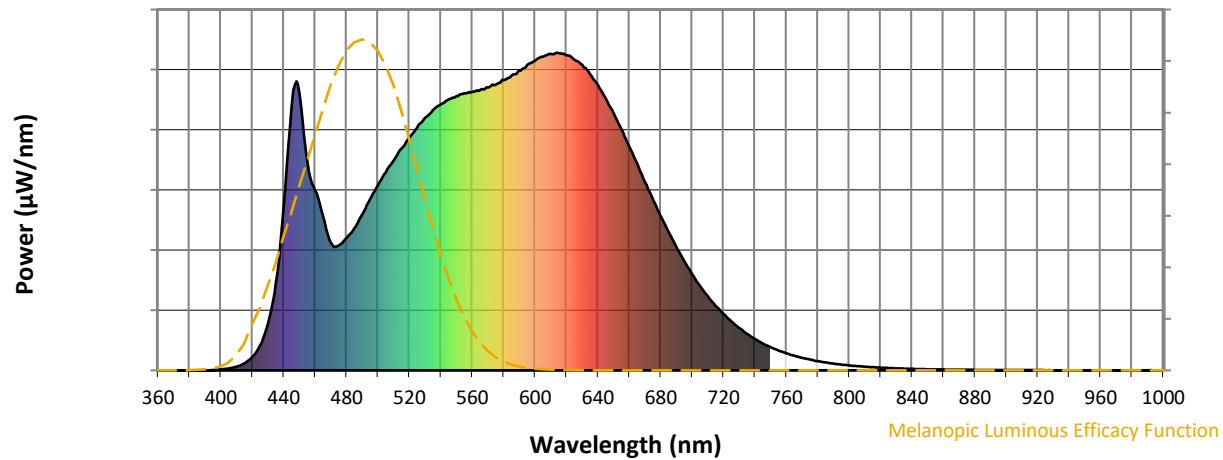
Scotopic Lumens: NR

S/P: 1.72

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

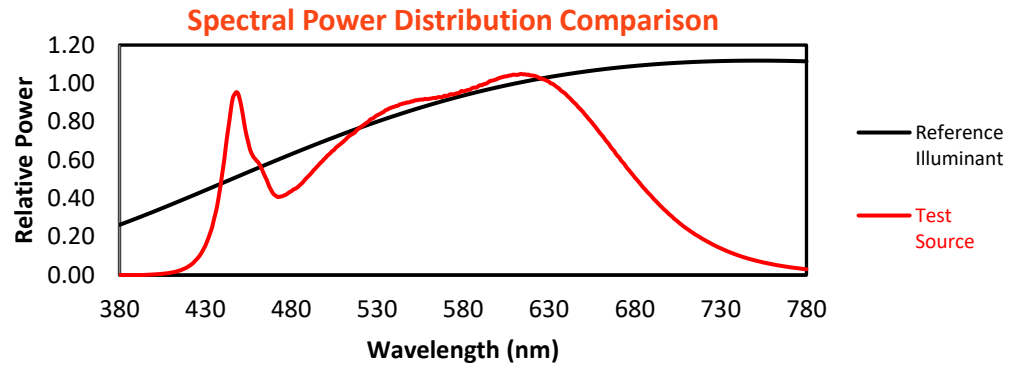
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	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			

REPORT NUMBER: SP1-2407-184-16

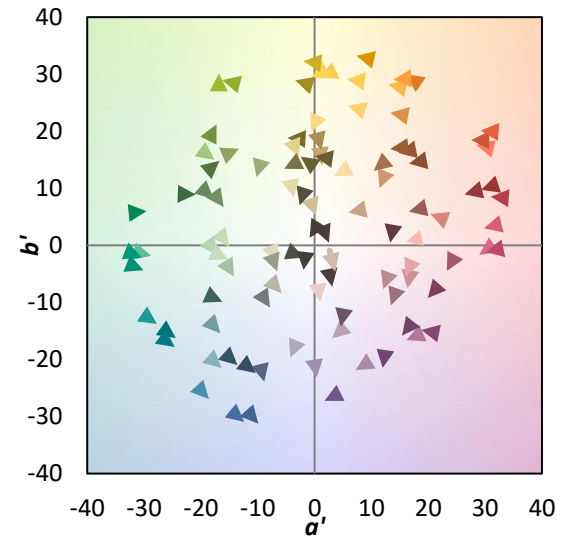
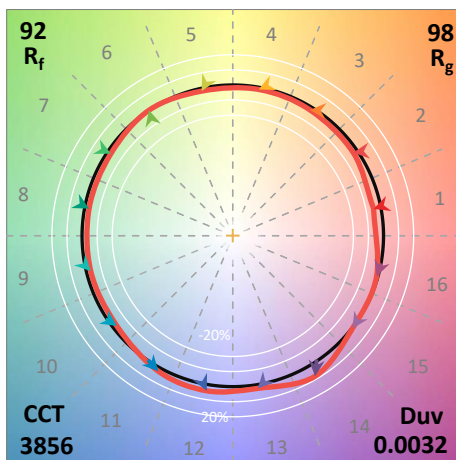
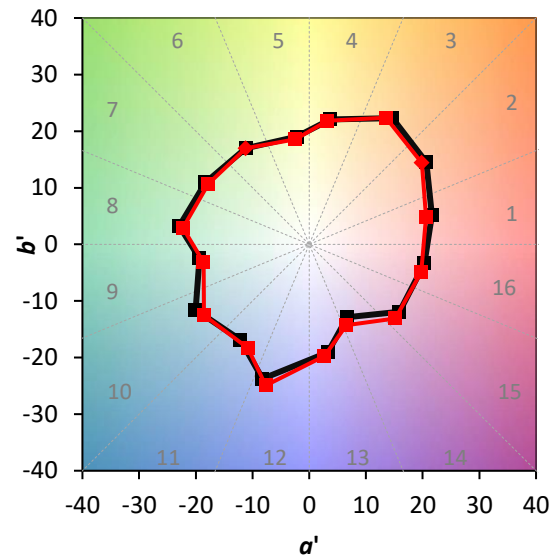
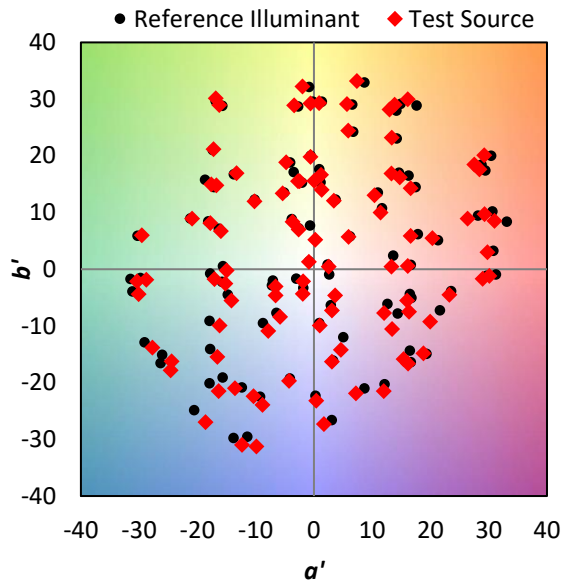
TM-30-18

Summary

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

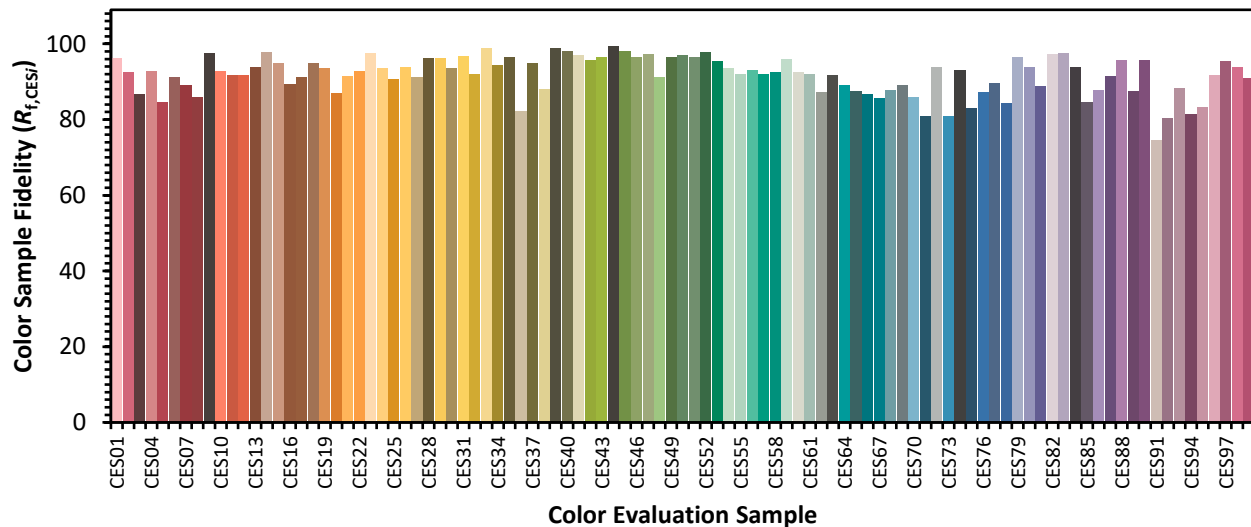


Color Vector Graphics

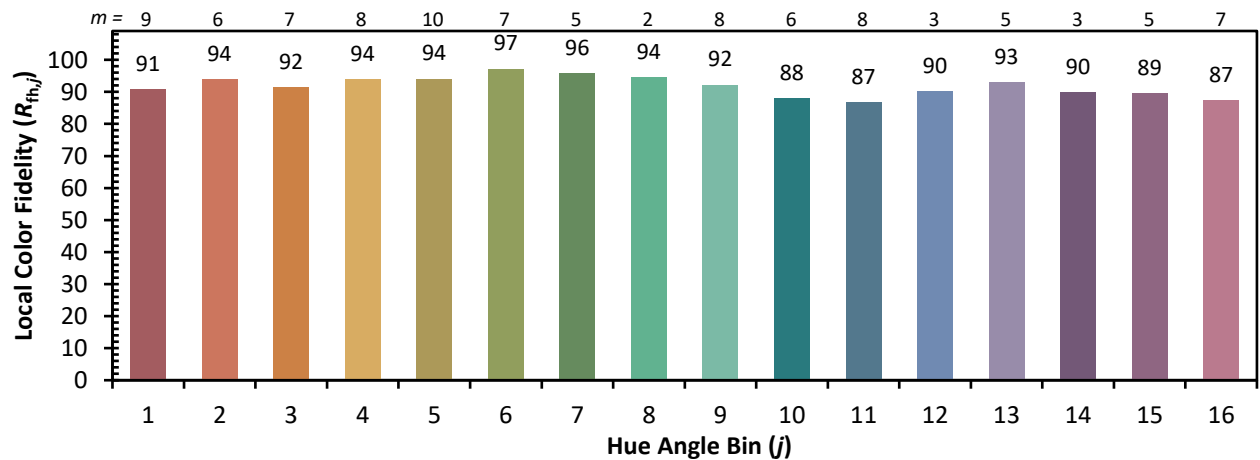
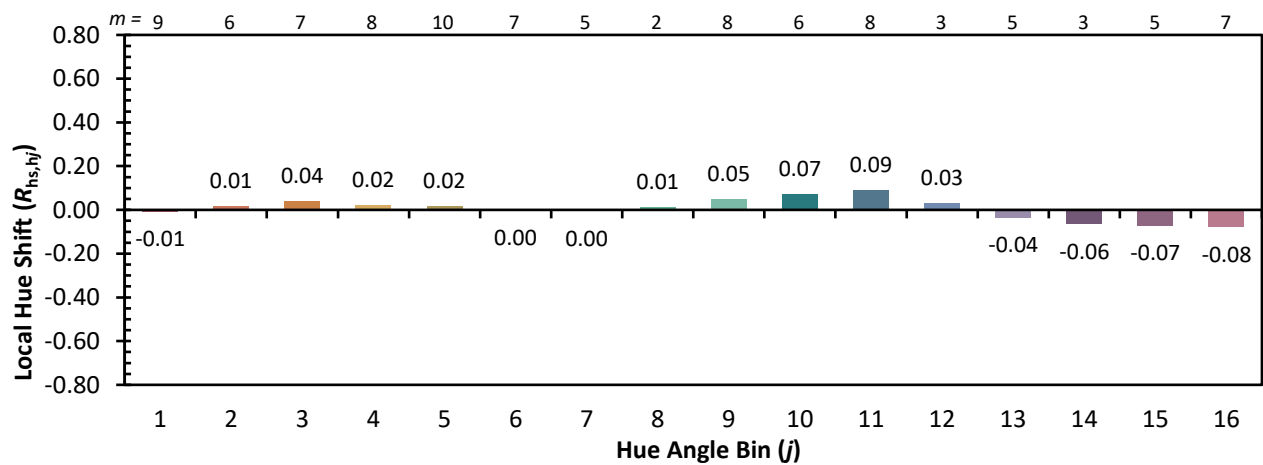
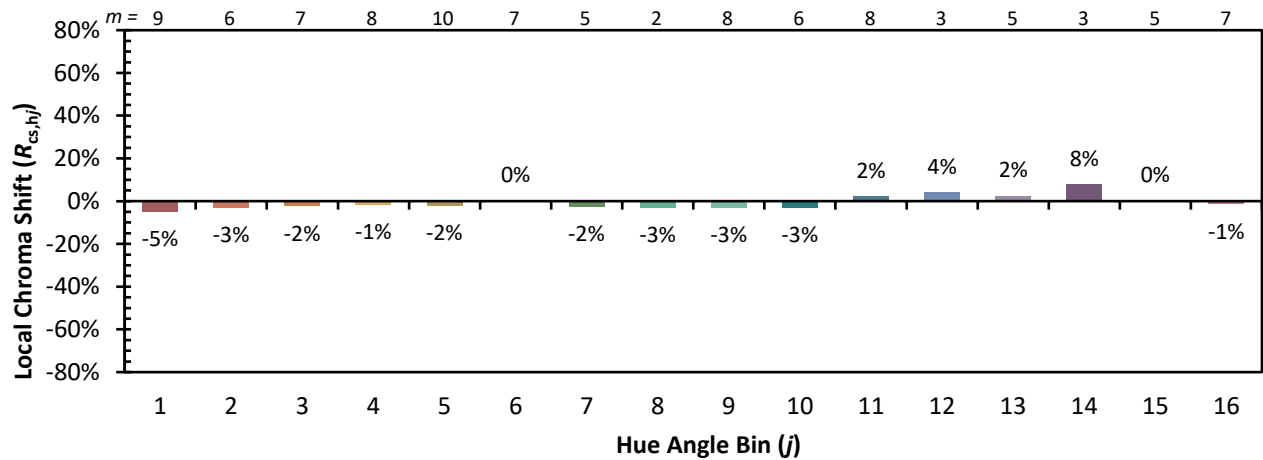


Individual Sample Fidelity Index ($R_{f,i}$)

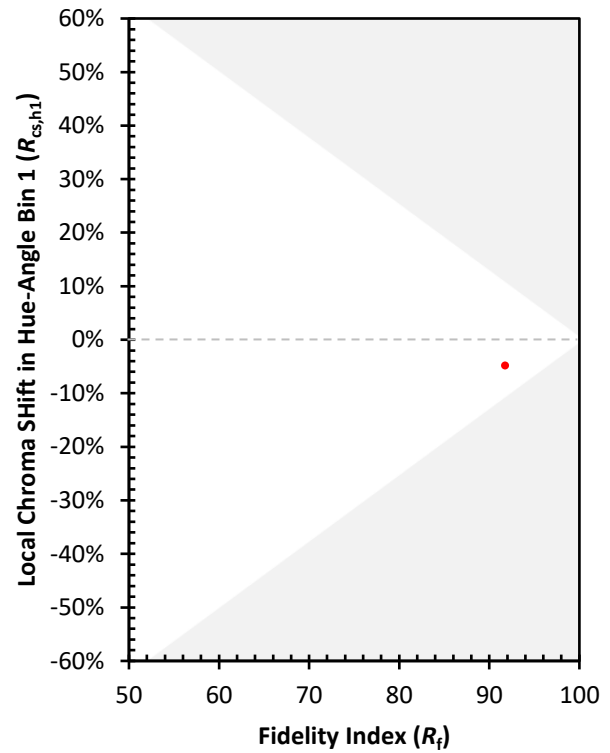
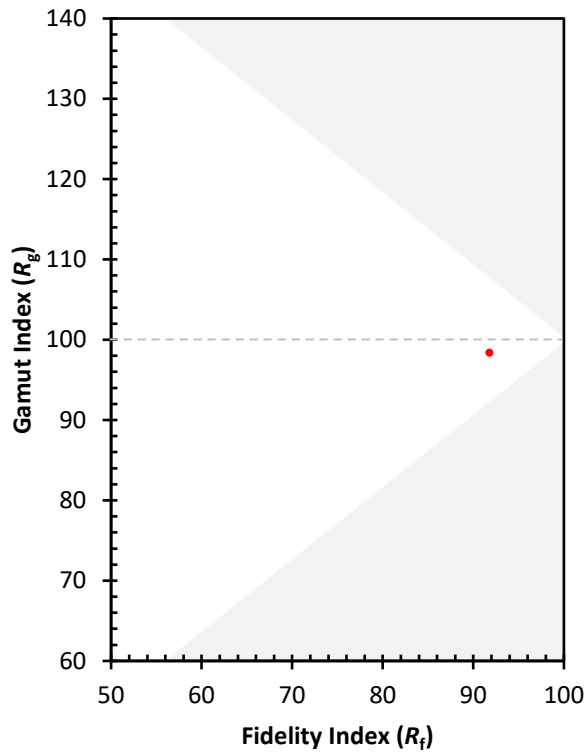
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82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