

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: P1049398

Luminaire Tested: **GALN-SA3B-940-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049398
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3B-940-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
90CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9379.9 lumens
Efficiency: N/A
Efficacy: 88.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

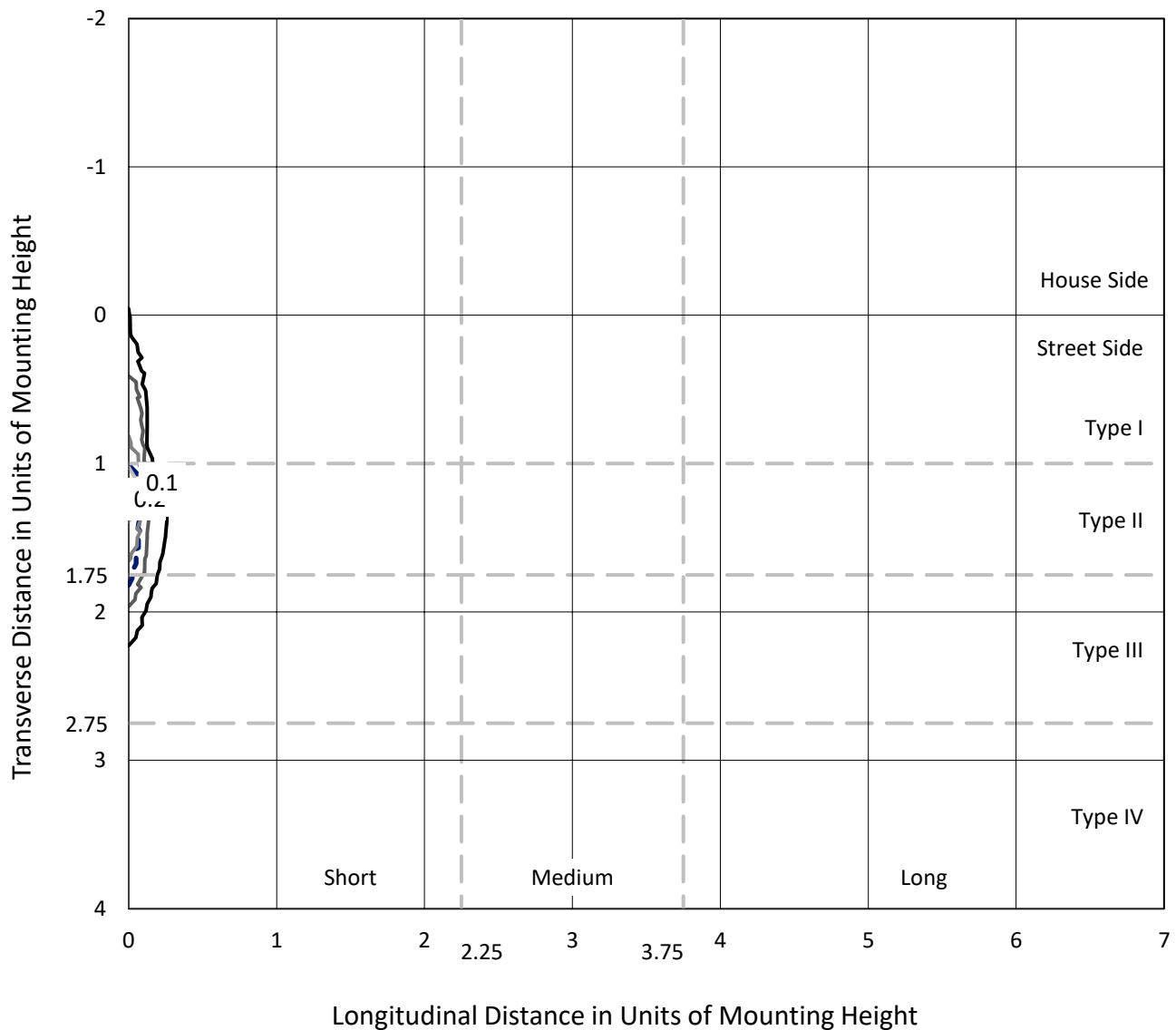
Input Watts (W): 106.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

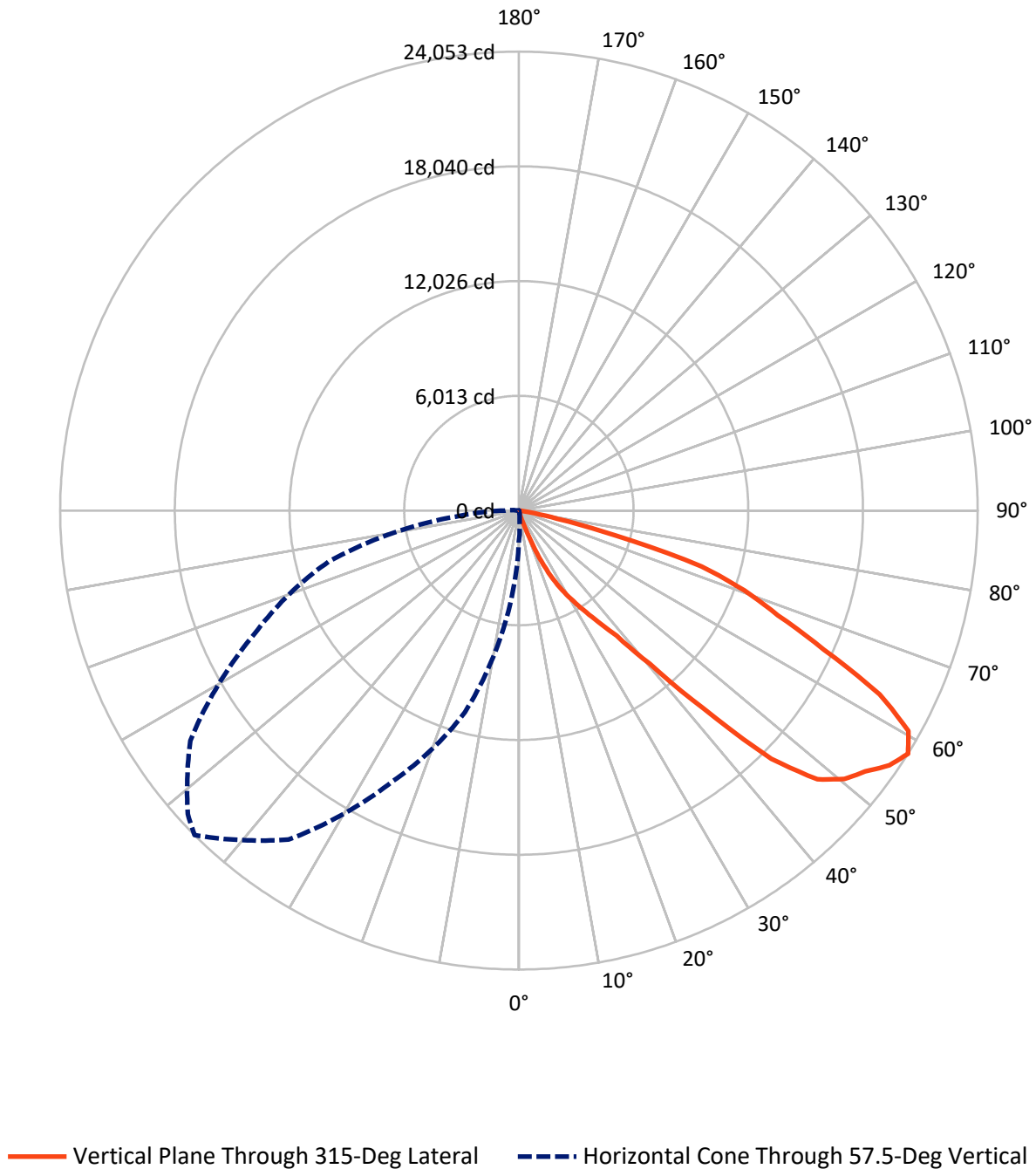
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	47.0	0.0	47.0
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	9332.9	0.0	9332.9
	% Fixture	99.5	0.0	99.5
Total	Lumens	9379.9	0.0	9379.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.7	0.0
10°-20°	20.6	0.2
20°-30°	222.3	2.4
30°-40°	657.4	7.0
40°-50°	1959.1	20.9
50°-60°	3106.4	33.1
60°-70°	2593.1	27.6
70°-80°	799.6	8.5
80°-90°	17.8	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°	9379.9	100.0
0°-180°	9379.9	100.0



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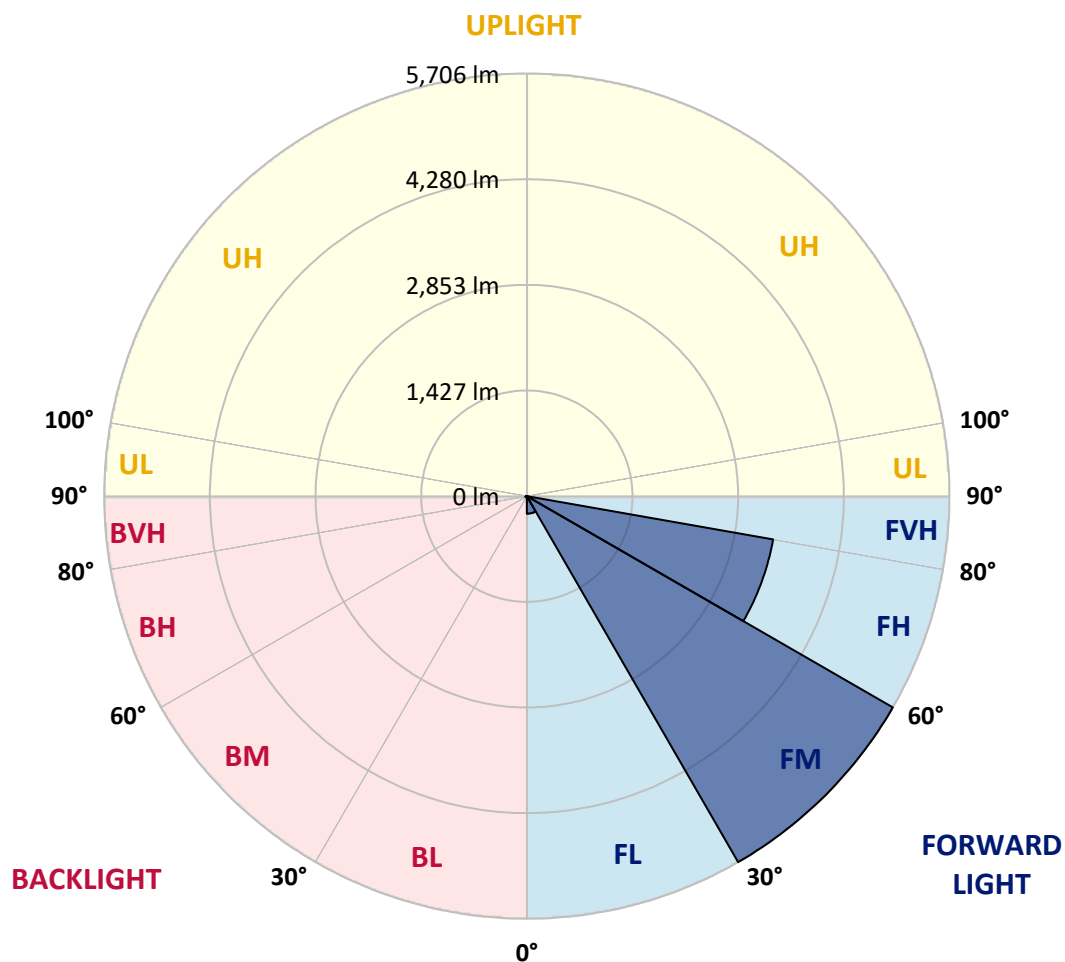
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	237.9	2.5			
FM	(30°-60°)	5706.1	60.8			
FH	(60°-80°)	3375.2	36.0			G2/5000
FVH	(80°-90°)	13.7	0.1			G1/100
BL	(0°-30°)	8.6	0.1	B0/110		
BM	(30°-60°)	16.8	0.2	B0/220		
BH	(60°-80°)	17.5	0.2	B0/110		G0/110
BVH	(80°-90°)	4.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

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°	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
2.5°	37.6	37.6	37.6	37.6	36.9	36.9	36.2	36.2	35.4	35.4
5°	39.7	39.7	39.0	38.3	38.3	37.6	36.9	36.2	36.2	35.4
7.5°	43.2	42.5	41.8	41.1	39.7	39.0	37.6	36.9	36.2	34.7
10°	47.5	46.1	44.7	43.2	41.8	40.4	39.0	38.3	36.9	36.2
12.5°	53.2	51.0	48.2	46.1	44.7	42.5	41.1	39.7	37.6	36.2
15°	58.1	55.3	51.7	48.9	46.8	43.9	41.8	39.7	38.3	36.2
17.5°	65.2	60.3	54.6	51.0	48.2	44.7	41.1	39.0	36.9	34.0
20°	77.3	67.3	56.7	52.5	48.2	43.9	39.7	36.9	34.7	31.9
22.5°	96.4	79.4	62.4	56.0	50.3	43.9	38.3	35.4	32.6	29.8
25°	133.3	102.8	72.3	63.8	55.3	46.8	38.3	34.7	31.9	28.4
27.5°	177.2	131.8	85.8	73.7	62.4	50.3	38.3	34.0	30.5	26.2
30°	221.9	161.6	100.7	85.1	69.5	53.9	38.3	33.3	29.1	24.1
32.5°	264.4	189.3	113.4	95.0	76.6	57.4	39.0	33.3	27.6	22.0
35°	307.6	211.9	115.5	96.4	77.3	57.4	38.3	31.9	26.2	19.8
37.5°	362.9	237.5	111.3	92.1	73.7	54.6	36.2	30.5	24.8	18.4
40°	446.6	280.0	113.4	93.6	73.7	53.9	34.0	28.4	23.4	17.7
42.5°	601.1	362.2	122.6	99.9	77.3	53.9	31.2	26.2	22.0	17.0
45°	1039.1	601.8	164.4	130.4	96.4	62.4	28.4	24.1	20.6	16.3
47.5°	1718.9	1007.3	295.6	228.2	161.6	94.3	27.6	24.1	20.6	16.3
50°	2193.8	1283.0	372.1	286.4	200.6	114.8	29.1	24.8	21.3	17.0
52.5°	2190.3	1302.8	414.7	318.3	222.6	126.2	30.5	26.2	22.7	18.4
55°	1947.2	1185.2	422.5	324.6	227.5	129.7	32.6	28.4	24.1	19.8
57.5°	1627.5	1006.5	385.6	298.4	211.9	124.8	37.6	32.6	28.4	23.4
60°	1287.2	793.9	300.5	237.5	175.1	112.0	49.6	43.2	37.6	31.2
62.5°	888.9	575.6	262.3	210.5	159.5	107.7	56.7	50.3	44.7	38.3
65°	628.7	433.1	236.7	192.8	149.6	105.6	61.7	54.6	48.2	41.1
67.5°	470.0	344.5	218.3	180.8	143.2	105.6	68.0	59.5	51.7	43.2
70°	360.1	282.8	204.9	174.4	144.6	114.1	83.6	71.6	60.3	48.2
72.5°	293.5	241.7	189.3	167.3	145.3	123.3	101.4	85.8	70.2	53.9
75°	243.1	207.0	170.8	152.4	134.7	116.2	97.8	83.6	70.2	56.0
77.5°	161.6	147.4	132.6	121.9	111.3	99.9	89.3	77.3	65.9	53.9
80°	56.7	54.6	52.5	56.7	61.0	65.2	69.5	61.0	53.2	44.7
82.5°	8.5	7.8	7.1	7.8	8.5	9.2	9.9	10.6	11.3	12.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

[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°	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
0.0	2.5°	34.7	34.7	34.0	34.0	34.0	33.3	33.3	32.6	32.6	32.6
0.0	5°	34.0	34.0	33.3	32.6	31.9	31.9	31.2	30.5	30.5	29.8
0.0	7.5°	33.3	32.6	31.9	31.2	30.5	29.8	29.1	28.4	28.4	27.6
0.0	10°	34.0	32.6	31.9	30.5	29.8	29.1	27.6	26.9	26.2	26.2
0.0	12.5°	32.6	31.9	30.5	29.1	28.4	26.9	26.2	24.8	24.1	24.1
0.0	15°	32.6	31.2	29.1	27.6	26.2	25.5	24.1	22.7	22.0	21.3
0.0	17.5°	30.5	29.1	26.9	25.5	24.1	22.7	21.3	19.8	19.1	18.4
0.0	20°	27.6	26.2	24.1	22.0	20.6	19.1	17.7	16.3	15.6	14.9
0.0	22.5°	24.8	23.4	21.3	19.1	17.7	16.3	14.2	12.8	12.1	10.6
0.0	25°	23.4	21.3	19.1	17.0	14.9	13.5	11.3	9.2	7.8	6.4
0.0	27.5°	19.8	17.7	15.6	13.5	11.3	9.2	7.1	5.0	3.5	2.8
0.0	30°	17.0	14.9	12.8	10.6	7.8	5.7	3.5	0.7	0.7	0.7
0.0	32.5°	14.2	12.1	9.2	7.1	5.7	3.5	2.1	0.0	0.0	0.0
0.0	35°	11.3	9.2	6.4	4.3	3.5	2.1	1.4	0.0	0.0	0.0
0.0	37.5°	9.9	7.8	5.0	2.1	1.4	1.4	0.7	0.0	0.0	0.0
0.0	40°	9.2	6.4	3.5	0.7	0.7	0.7	0.0	0.0	0.0	0.0
0.0	42.5°	9.2	6.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	9.2	6.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	9.2	6.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	9.9	7.1	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	11.3	8.5	5.7	2.8	2.1	1.4	0.7	0.0	0.0	0.0
0.0	55°	14.2	12.8	10.6	9.2	7.1	5.0	2.1	0.0	0.0	0.0
0.0	57.5°	18.4	18.4	17.7	17.0	12.8	8.5	4.3	0.0	0.0	0.0
0.0	60°	24.8	24.8	24.8	24.8	18.4	12.8	6.4	0.0	0.0	0.0
0.0	62.5°	30.5	29.1	26.9	25.5	19.1	12.8	6.4	0.0	0.0	0.0
0.0	65°	30.5	27.6	24.1	20.6	15.6	10.6	5.0	0.0	0.0	0.0
0.0	67.5°	28.4	22.7	16.3	10.6	7.8	5.7	2.8	0.0	0.0	0.0
	70°	28.4	19.8	11.3	2.8	2.1	1.4	0.7	0.0	0.0	0.0
	72.5°	28.4	19.1	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	31.2	21.3	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	31.2	21.3	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	27.6	18.4	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	9.2	6.4	2.8	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):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
0.0	2.5°	31.9	31.9	31.9	31.2	31.2	31.2	31.2	30.5	30.5	30.5
0.0	5°	29.1	29.1	28.4	28.4	27.6	27.6	26.9	26.9	26.2	26.2
0.0	7.5°	26.9	26.2	26.2	25.5	24.8	24.8	24.1	24.1	23.4	22.7
0.0	10°	24.8	24.1	24.1	23.4	22.7	22.0	22.0	21.3	20.6	19.8
0.0	12.5°	22.7	22.0	21.3	20.6	19.8	19.1	19.1	18.4	17.7	17.0
0.0	15°	19.8	19.1	18.4	17.7	17.0	16.3	16.3	15.6	14.9	14.2
0.0	17.5°	17.0	16.3	16.3	15.6	14.9	14.2	13.5	12.1	11.3	10.6
0.0	20°	12.8	12.1	11.3	10.6	9.9	8.5	7.8	6.4	5.0	4.3
0.0	22.5°	8.5	7.1	6.4	5.0	3.5	2.8	2.1	0.7	0.0	0.0
0.0	25°	2.8	2.1	1.4	0.7	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-SA3B-940-U-RBC

[illegible]

REPORT NUMBER: P1049398

CATALOG NUMBER: GALN-SA3B-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°	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
0.0	2.5°	29.8	29.8	29.8	29.1	29.1	29.1	29.1	29.1	29.1	29.1
0.0	5°	25.5	25.5	25.5	24.8	24.8	24.1	24.1	24.1	23.4	23.4
0.0	7.5°	22.0	21.3	21.3	20.6	20.6	19.8	19.8	19.8	19.1	19.1
0.0	10°	18.4	17.7	17.7	17.0	17.0	16.3	16.3	15.6	15.6	14.9
0.0	12.5°	16.3	15.6	14.9	14.2	14.2	13.5	12.8	12.8	12.1	11.3
0.0	15°	12.8	12.1	11.3	10.6	9.9	9.2	8.5	8.5	7.8	7.1
0.0	17.5°	8.5	7.1	6.4	5.7	5.7	5.0	4.3	3.5	2.8	2.1
0.0	20°	2.1	1.4	0.7	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: P1049398

CATALOG NUMBER: GALN-SA3B-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049398

CATALOG NUMBER: GALN-SA3B-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°	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
0.0	2.5°	29.1	28.4	28.4	28.4	29.1	29.1	29.1	29.1	29.1	29.1
0.0	5°	23.4	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
0.0	7.5°	19.1	18.4	18.4	18.4	18.4	17.7	17.7	17.7	17.7	17.7
0.0	10°	14.9	14.2	14.2	14.2	14.2	13.5	13.5	13.5	13.5	13.5
0.0	12.5°	10.6	10.6	9.9	9.9	9.9	9.2	9.2	9.2	9.2	8.5
0.0	15°	6.4	5.7	5.0	5.0	5.0	4.3	4.3	4.3	4.3	3.5
0.0	17.5°	1.4	1.4	0.7	0.7	0.7	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



REPORT NUMBER: P1049398

CATALOG NUMBER: GALN-SA3B-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049398

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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°	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
0.0	2.5°	29.8	29.8	30.5	30.5	31.2	32.6	33.3	34.0	35.4	36.9
0.0	5°	23.4	24.1	24.1	24.8	25.5	26.2	26.9	27.6	29.1	30.5
0.0	7.5°	18.4	18.4	19.1	19.1	19.8	21.3	22.0	22.7	24.1	26.2
0.0	10°	14.2	14.2	14.9	14.9	15.6	17.0	17.7	18.4	19.8	22.0
0.0	12.5°	9.2	9.9	9.9	10.6	11.3	12.8	13.5	14.2	15.6	17.0
0.0	15°	4.3	5.0	5.0	5.7	6.4	7.8	8.5	9.2	10.6	12.8
0.0	17.5°	0.7	0.7	1.4	1.4	2.1	2.8	3.5	4.3	6.4	7.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.8
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
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: P1049398

CATALOG NUMBER: GALN-SA3B-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049398

CATALOG NUMBER: GALN-SA3B-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°	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
0.0	2.5°	39.0	40.4	41.8	43.2	44.7	46.1	46.8	48.2	48.9	49.6
0.0	5°	33.3	34.7	36.9	38.3	39.7	41.1	42.5	43.2	43.9	44.7
0.0	7.5°	29.1	30.5	32.6	34.0	35.4	36.9	38.3	39.7	40.4	41.1
0.0	10°	24.8	26.9	28.4	30.5	31.9	33.3	34.7	36.2	37.6	38.3
0.0	12.5°	19.8	22.0	24.1	25.5	27.6	29.8	31.2	32.6	34.0	35.4
0.0	15°	15.6	17.7	19.8	21.3	23.4	25.5	27.6	29.1	30.5	31.9
0.0	17.5°	11.3	13.5	15.6	17.0	19.1	21.3	22.7	24.8	26.2	27.6
0.0	20°	5.7	7.8	9.9	12.1	14.2	16.3	17.7	19.8	21.3	22.7
0.0	22.5°	0.7	2.8	5.0	6.4	8.5	10.6	12.1	14.2	15.6	17.0
0.0	25°	0.0	0.7	2.1	2.8	3.5	5.0	6.4	7.8	9.2	10.6
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.7	1.4	2.8	4.3	5.7
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.4
	85°	0.0	0.0	0.0	0.0	0.0	1.4	2.1	3.5	4.3	5.0
	87.5°	0.0	0.7	1.4	2.1	2.8	4.3	5.7	7.1	7.8	8.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049398

CATALOG NUMBER: GALN-SA3B-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
41.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	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
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0.0											
0.0											
0.0											
0.7											
2.8											
6.4											
9.2											
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REPORT NUMBER: P1049398

CATALOG NUMBER: GALN-SA3B-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°	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
0.0	2.5°	50.3	50.3	50.3	50.3	49.6	49.6	49.6	48.9	48.9	48.2
0.0	5°	46.1	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.1	46.1
0.0	7.5°	42.5	43.2	43.9	43.9	44.7	44.7	44.7	43.9	43.9	43.2
0.0	10°	40.4	41.1	41.1	41.8	41.8	41.8	41.8	41.8	41.8	41.8
0.0	12.5°	37.6	38.3	39.0	39.0	39.7	39.7	39.7	39.7	39.0	39.0
0.0	15°	34.0	35.4	36.2	36.9	36.9	37.6	37.6	37.6	37.6	37.6
0.0	17.5°	31.2	32.6	33.3	34.0	34.0	34.7	34.7	35.4	35.4	35.4
0.0	20°	25.5	26.9	27.6	29.1	29.8	30.5	31.2	31.9	31.9	32.6
0.0	22.5°	19.8	21.3	22.0	23.4	24.1	24.8	25.5	26.2	26.9	27.6
0.0	25°	14.2	15.6	16.3	17.7	18.4	19.1	19.8	20.6	20.6	21.3
0.0	27.5°	7.8	9.2	10.6	11.3	12.8	13.5	14.2	14.9	15.6	16.3
0.0	30°	3.5	4.3	5.0	6.4	7.1	7.8	8.5	9.9	10.6	11.3
0.0	32.5°	0.0	0.0	0.7	2.1	2.8	3.5	4.3	5.0	5.0	5.7
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.4	2.1	2.8
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°	1.4	1.4	1.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	82.5°	3.5	4.3	5.0	5.0	5.7	5.7	5.7	5.7	5.0	5.0
	85°	7.1	7.8	8.5	8.5	9.2	9.2	9.2	9.2	9.2	9.2
	87.5°	9.9	10.6	11.3	11.3	12.1	12.1	12.1	12.1	12.1	12.1
	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: P1049398

CATALOG NUMBER: GALN-SA3B-940-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
41.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	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: P1049398

CATALOG NUMBER: GALN-SA3B-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°	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
0.0	2.5°	47.5	47.5	46.8	46.8	46.8	46.8	46.8	47.5	48.2	48.2
0.0	5°	45.4	45.4	44.7	44.7	44.7	45.4	45.4	46.1	46.8	47.5
0.0	7.5°	43.2	42.5	42.5	43.2	43.2	43.9	43.9	44.7	45.4	46.1
0.0	10°	41.8	41.1	41.1	41.1	41.8	41.8	42.5	43.2	43.9	44.7
0.0	12.5°	39.0	39.0	39.0	39.0	39.7	39.7	40.4	41.1	42.5	43.2
0.0	15°	37.6	36.9	36.9	36.9	36.9	37.6	37.6	39.0	40.4	41.1
0.0	17.5°	34.7	34.7	34.0	34.0	34.7	34.7	35.4	36.9	38.3	39.0
0.0	20°	31.9	31.2	30.5	30.5	31.2	31.2	31.9	33.3	34.7	35.4
0.0	22.5°	27.6	26.9	26.9	26.9	26.9	27.6	27.6	29.1	31.2	32.6
0.0	25°	22.0	22.7	22.7	23.4	23.4	24.1	24.8	26.2	28.4	29.8
0.0	27.5°	17.0	17.7	17.7	19.1	19.8	20.6	21.3	23.4	25.5	26.9
0.0	30°	12.8	13.5	14.2	14.9	16.3	17.7	19.1	21.3	23.4	24.8
0.0	32.5°	7.8	9.2	9.9	11.3	12.8	14.2	15.6	17.7	20.6	22.7
0.0	35°	5.7	6.4	7.8	8.5	9.9	11.3	12.8	15.6	17.7	20.6
0.0	37.5°	2.8	4.3	5.7	7.1	8.5	9.9	11.3	14.2	17.0	19.1
0.0	40°	2.1	3.5	4.3	5.7	7.8	9.2	10.6	13.5	16.3	19.1
0.0	42.5°	1.4	2.1	2.8	5.0	6.4	8.5	10.6	13.5	16.3	19.1
0.0	45°	1.4	1.4	2.1	4.3	6.4	9.2	11.3	14.2	16.3	19.1
0.0	47.5°	1.4	2.1	2.8	5.7	7.1	9.2	11.3	13.5	16.3	18.4
0.0	50°	2.1	2.8	3.5	6.4	7.8	9.9	11.3	14.2	16.3	19.1
0.0	52.5°	1.4	2.1	2.8	5.7	7.8	10.6	12.8	15.6	18.4	20.6
0.0	55°	0.7	0.7	0.7	4.3	8.5	12.1	16.3	18.4	21.3	23.4
0.0	57.5°	0.0	0.0	0.0	2.8	8.5	13.5	18.4	21.3	24.1	26.2
0.0	60°	0.0	0.0	0.0	2.8	8.5	13.5	18.4	22.0	25.5	29.1
0.0	62.5°	0.0	0.0	0.0	2.8	7.1	11.3	15.6	21.3	27.6	33.3
0.0	65°	0.0	0.0	0.0	2.1	5.7	9.2	12.8	21.3	29.8	37.6
0.0	67.5°	0.0	0.0	0.0	2.1	5.7	8.5	12.1	21.3	29.8	39.0
	70°	0.0	0.0	0.0	2.1	5.7	9.2	12.8	21.3	29.8	38.3
	72.5°	0.0	0.0	0.0	2.1	6.4	9.9	14.2	21.3	28.4	35.4
	75°	0.0	0.0	0.0	2.8	6.4	10.6	14.9	21.3	27.6	33.3
	77.5°	0.0	0.0	0.0	2.1	6.4	9.9	14.2	20.6	26.9	32.6
	80°	2.1	1.4	1.4	3.5	6.4	9.2	12.1	18.4	25.5	31.9
	82.5°	4.3	4.3	3.5	5.0	6.4	8.5	10.6	16.3	22.7	28.4
	85°	8.5	8.5	7.8	8.5	8.5	9.2	9.9	12.8	15.6	18.4
	87.5°	11.3	11.3	10.6	10.6	10.6	9.9	9.9	9.9	9.9	9.2
	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: P1049398

CATALOG NUMBER: GALN-SA3B-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
41.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.8											
42.5											
39.7											
39.0											
38.3											
34.0											
21.3											
9.2											
0.0											
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REPORT NUMBER: P1049398

CATALOG NUMBER: GALN-SA3B-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°	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
0.0	2.5°	49.6	50.3	50.3	51.0	51.7	52.5	52.5	53.2	53.2	53.2
0.0	5°	48.9	50.3	51.0	51.7	52.5	53.2	53.9	54.6	55.3	55.3
0.0	7.5°	48.2	48.9	50.3	51.0	52.5	53.2	54.6	55.3	56.0	56.7
0.0	10°	46.8	48.2	49.6	51.0	52.5	53.9	55.3	56.7	58.1	58.8
0.0	12.5°	45.4	47.5	48.9	50.3	52.5	54.6	56.0	58.1	59.5	61.0
0.0	15°	44.7	46.1	48.2	49.6	52.5	55.3	57.4	60.3	63.1	65.2
0.0	17.5°	42.5	45.4	47.5	49.6	52.5	56.0	58.8	61.7	65.9	70.2
0.0	20°	39.7	41.8	44.7	46.8	51.0	54.6	58.8	62.4	68.8	75.1
0.0	22.5°	36.9	39.7	41.8	44.7	49.6	53.9	58.8	63.1	73.7	83.6
0.0	25°	34.0	37.6	40.4	43.2	48.9	54.6	60.3	65.9	83.6	101.4
0.0	27.5°	32.6	35.4	39.0	41.8	48.9	56.7	63.8	70.9	99.2	126.9
0.0	30°	30.5	34.0	36.9	40.4	49.6	58.8	68.0	77.3	120.5	163.7
0.0	32.5°	28.4	31.9	35.4	39.0	51.0	63.1	74.4	86.5	143.2	199.2
0.0	35°	26.2	30.5	34.0	37.6	53.2	69.5	85.1	100.7	163.7	226.1
0.0	37.5°	25.5	29.8	33.3	36.9	53.9	70.2	87.2	103.5	165.9	228.2
0.0	40°	26.2	29.8	34.0	37.6	51.7	65.9	79.4	93.6	158.8	223.3
0.0	42.5°	26.2	30.5	34.7	39.0	50.3	61.7	73.0	84.4	156.7	229.0
0.0	45°	25.5	29.8	34.0	38.3	48.9	58.8	69.5	79.4	169.4	258.7
0.0	47.5°	24.8	29.1	33.3	37.6	48.2	58.8	69.5	80.1	219.0	357.3
0.0	50°	24.8	29.1	32.6	36.2	48.9	62.4	75.1	87.9	319.0	549.3
0.0	52.5°	26.2	29.8	32.6	35.4	50.3	65.9	80.8	95.7	405.5	714.5
0.0	55°	28.4	30.5	33.3	35.4	53.9	71.6	90.0	107.7	431.7	755.6
0.0	57.5°	31.2	33.3	35.4	37.6	60.3	82.9	104.9	127.6	433.8	739.3
0.0	60°	34.7	37.6	39.7	41.8	65.9	90.7	114.8	138.9	392.7	645.7
0.0	62.5°	42.5	46.1	48.9	52.5	75.8	98.5	121.9	144.6	326.1	507.5
0.0	65°	48.9	51.7	54.6	57.4	80.1	103.5	126.2	148.9	276.4	404.0
0.0	67.5°	50.3	53.2	55.3	58.1	81.5	104.9	127.6	151.0	236.7	321.8
	70°	51.0	54.6	58.8	62.4	86.5	110.6	134.0	158.1	209.8	261.6
	72.5°	48.9	56.0	62.4	68.8	91.4	113.4	136.1	158.1	194.9	231.8
	75°	48.9	58.8	68.0	77.3	94.3	110.6	127.6	143.9	172.2	200.6
	77.5°	51.7	64.5	77.3	90.0	99.9	109.2	119.1	128.3	146.7	165.2
	80°	51.7	65.2	78.0	91.4	95.7	100.7	104.9	109.2	111.3	113.4
	82.5°	44.7	55.3	65.9	76.6	71.6	66.6	61.7	56.7	53.2	48.9
	85°	22.7	24.8	26.2	27.6	25.5	23.4	21.3	19.1	17.7	15.6
	87.5°	9.2	9.2	8.5	8.5	8.5	8.5	7.8	7.8	7.8	7.8
	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: P1049398

CATALOG NUMBER: GALN-SA3B-940-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
41.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
209.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
284.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
355.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
403.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
439.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
475.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
546.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
688.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1049.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1606.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2069.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1867.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1596.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1247.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
942.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
696.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
492.6											
366.5											
266.5											
200.6											
112.7											
51.0											
14.9											
7.1											
0.0											
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REPORT NUMBER: P1049398

CATALOG NUMBER: GALN-SA3B-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°	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
0.0	2.5°	53.2	52.5	52.5	51.7	51.0	50.3	49.6	48.9	48.2	47.5
0.0	5°	55.3	55.3	55.3	54.6	54.6	53.9	53.9	53.2	52.5	51.7
0.0	7.5°	57.4	58.1	58.1	58.8	58.8	58.8	58.8	58.1	58.1	58.1
0.0	10°	61.0	61.7	62.4	63.1	63.8	64.5	64.5	65.2	65.2	65.2
0.0	12.5°	65.2	67.3	68.8	70.9	72.3	74.4	75.8	78.0	79.4	80.8
0.0	15°	71.6	75.1	79.4	82.9	86.5	91.4	97.1	102.1	107.0	114.8
0.0	17.5°	80.8	92.1	103.5	114.1	125.5	150.3	175.1	199.2	224.0	260.1
0.0	20°	98.5	132.6	165.9	199.9	233.2	320.4	406.9	494.1	580.5	673.4
0.0	22.5°	138.2	221.9	305.5	389.1	472.8	655.0	836.4	1018.6	1200.1	1413.4
0.0	25°	200.6	354.4	508.2	661.3	815.2	1100.1	1385.8	1670.7	1955.7	2232.8
0.0	27.5°	292.0	527.4	762.7	997.3	1232.7	1619.0	2006.0	2392.3	2778.6	3091.9
0.0	30°	404.7	723.7	1042.7	1361.7	1680.6	2120.1	2559.6	2998.4	3437.8	3780.2
0.0	32.5°	511.1	901.6	1292.2	1682.1	2072.6	2573.1	3074.2	3574.6	4075.1	4449.3
0.0	35°	580.5	1052.6	1525.4	1997.5	2469.6	3011.1	3552.7	4093.5	4635.1	5062.5
0.0	37.5°	650.0	1195.1	1739.5	2284.6	2828.9	3423.7	4018.4	4613.1	5207.8	5735.9
0.0	40°	728.0	1367.3	2006.0	2645.4	3284.0	3988.6	4692.5	5397.0	6100.9	6845.9
0.0	42.5°	863.4	1653.0	2443.3	3233.0	4022.6	4954.7	5886.8	6818.3	7750.4	8813.6
0.0	45°	1117.8	2230.7	3344.3	4457.1	5570.0	6804.8	8040.3	9275.1	10509.9	11924.7
0.0	47.5°	1740.9	3272.0	4802.3	6333.4	7863.8	9197.1	10529.7	11863.0	13195.6	14604.8
0.0	50°	2663.8	4445.8	6227.8	8009.1	9791.1	10997.5	12203.3	13409.7	14615.4	15955.8
0.0	52.5°	3331.5	5187.9	7045.1	8901.5	10757.9	11846.7	12936.2	14024.9	15113.7	16366.2
0.0	55°	3381.8	5227.6	7074.1	8919.9	10765.7	11859.5	12953.2	14046.9	15140.7	16468.3
0.0	57.5°	2994.1	4825.0	6655.2	8486.1	10316.3	11561.8	12806.5	14051.9	15296.6	16732.0
0.0	60°	2546.8	4378.5	6209.4	8041.0	9871.9	11306.6	12742.0	14176.6	15611.3	16956.0
0.0	62.5°	1986.9	3870.9	5755.7	7639.8	9523.9	10980.5	12437.2	13893.1	15349.8	16358.4
0.0	65°	1480.7	3310.2	5139.7	6968.5	8798.0	9964.8	11131.5	12297.5	13464.3	14088.7
0.0	67.5°	1070.3	2648.2	4225.3	5803.2	7380.4	8215.4	9050.4	9884.7	10719.7	11197.4
	70°	723.7	1816.7	2909.0	4002.1	5094.4	5780.5	6467.4	7153.5	7839.7	8484.7
	72.5°	501.1	1115.0	1729.5	2343.4	2957.2	3647.6	4337.3	5027.7	5717.4	6400.0
	75°	332.4	611.7	891.7	1171.0	1450.3	1961.3	2473.1	2984.2	3495.3	3902.1
	77.5°	236.0	319.7	404.0	487.7	571.3	667.0	763.4	859.1	954.8	1100.1
	80°	112.0	122.6	133.3	143.2	153.8	188.5	223.3	258.0	292.7	329.6
	82.5°	53.2	57.4	61.7	65.2	69.5	73.0	76.6	80.1	83.6	80.1
	85°	14.2	14.2	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.2
	87.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.7	5.7	5.0
	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°
41.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
295.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
767.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1626.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2510.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3405.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4123.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4824.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5489.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6264.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7590.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9876.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13339.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16013.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17296.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17618.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17796.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18167.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18299.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17367.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14713.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11675.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9129.0											
7082.6											
4309.0											
1245.4											
366.5											
75.8											
13.5											
5.0											
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°	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
0.0	2.5°	46.1	45.4	44.7	43.9	43.2	41.8	41.8	41.1	41.1
0.0	5°	50.3	49.6	48.9	48.2	48.2	47.5	46.8	46.8	46.1
0.0	7.5°	57.4	56.7	56.0	55.3	55.3	54.6	54.6	53.9	53.9
0.0	10°	65.9	65.9	65.9	65.9	65.9	65.2	65.2	65.2	64.5
0.0	12.5°	82.9	83.6	85.1	86.5	88.6	88.6	88.6	87.9	87.9
0.0	15°	131.1	138.9	144.6	150.3	155.2	166.6	165.2	163.0	161.6
0.0	17.5°	331.7	367.2	386.3	404.7	423.9	476.3	467.8	459.3	451.5
0.0	20°	859.8	952.7	1014.3	1076.0	1138.4	1236.9	1212.8	1188.7	1164.6
0.0	22.5°	1839.4	2052.8	2145.6	2238.5	2330.6	2449.7	2372.5	2295.2	2218.6
0.0	25°	2786.4	3063.6	3220.2	3376.9	3532.8	3600.9	3500.2	3398.8	3298.2
0.0	27.5°	3718.5	4031.8	4170.1	4307.6	4445.8	4588.3	4463.5	4338.1	4213.3
0.0	30°	4465.6	4808.0	4957.6	5106.4	5256.0	5355.2	5226.2	5096.5	4967.5
0.0	32.5°	5198.6	5572.8	5736.6	5900.3	6063.3	6205.8	6047.0	5887.6	5728.8
0.0	35°	5916.6	6344.0	6569.5	6794.9	7020.3	7152.8	6964.3	6775.0	6586.5
0.0	37.5°	6792.7	7320.8	7573.2	7825.5	8077.8	8319.6	8111.9	7903.5	7695.8
0.0	40°	8335.9	9080.8	9467.9	9855.6	10242.6	10554.5	10292.2	10030.0	9767.7
0.0	42.5°	10940.1	12003.4	12559.8	13115.5	13672.0	14158.9	13883.2	13607.4	13331.7
0.0	45°	14754.3	16169.2	16847.5	17525.2	18203.5	18559.3	18162.4	17764.7	17367.8
0.0	47.5°	17422.4	18831.5	19435.5	20039.4	20643.3	21049.5	20563.9	20078.4	19593.5
0.0	50°	18635.9	19976.3	20582.4	21187.7	21793.7	22116.3	21555.6	20994.2	20433.5
0.0	52.5°	18870.5	20123.0	20846.0	21569.8	22292.8	22723.7	22061.7	21398.9	20736.9
0.0	55°	19124.3	20451.9	21290.5	22129.7	22968.3	23565.1	22816.6	22067.4	21318.8
0.0	57.5°	19602.0	21037.4	21873.8	22709.6	23546.0	24052.8	23302.1	22550.8	21800.1
0.0	60°	19644.6	20988.5	21707.3	22426.7	23145.5	23464.5	22746.4	22027.7	21309.6
0.0	62.5°	18376.5	19385.1	19884.2	20383.2	20882.2	21228.8	20479.6	19729.6	18980.4
0.0	65°	15338.4	15962.9	16360.6	16758.2	17155.9	17569.1	16883.0	16196.8	15510.7
0.0	67.5°	12153.6	12631.4	13155.2	13679.0	14202.9	14644.5	14095.1	13545.1	12995.7
	70°	9774.1	10418.4	11007.5	11596.5	12185.5	12547.0	11995.6	11443.4	10891.9
	72.5°	7765.3	8447.9	8939.8	9431.0	9922.9	10011.5	9606.1	9200.6	8795.9
	75°	4715.2	5122.0	5131.9	5141.2	5151.1	5235.4	4899.4	4563.5	4228.2
	77.5°	1390.7	1536.0	1655.8	1774.9	1894.7	2039.3	1916.0	1791.9	1668.6
	80°	402.6	439.5	470.7	501.1	532.3	513.9	484.8	455.8	426.7
	82.5°	72.3	68.0	67.3	66.6	66.6	63.1	57.4	51.7	46.1
	85°	12.8	12.1	11.3	10.6	9.9	9.2	7.8	7.1	5.7
	87.5°	4.3	3.5	2.8	2.1	2.1	0.7	0.7	0.7	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: P1049398

CATALOG NUMBER: GALN-SA3B-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°	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
0.0	0.0	2.5°	40.4	39.7	39.7	39.7	39.7	39.0	39.0	39.0	39.0
0.0	0.0	5°	44.7	44.7	43.9	43.9	43.2	43.2	42.5	42.5	41.8
0.0	0.0	7.5°	52.5	51.7	51.0	50.3	49.6	48.2	47.5	46.8	46.8
0.0	0.0	10°	63.1	61.7	61.0	59.5	58.8	57.4	56.0	54.6	53.2
0.0	0.0	12.5°	82.9	80.1	78.0	75.1	72.3	70.2	67.3	65.2	62.4
0.0	0.0	15°	143.9	136.8	129.0	119.8	109.9	100.7	90.7	85.1	78.7
0.0	0.0	17.5°	367.9	331.0	293.5	263.0	232.5	202.7	172.2	150.3	128.3
0.0	0.0	20°	936.4	834.3	732.2	631.6	530.2	429.6	328.2	277.2	226.1
0.0	0.0	22.5°	1762.2	1572.9	1382.9	1199.3	1015.0	831.5	647.9	532.3	417.5
0.0	0.0	25°	2719.8	2481.6	2243.5	1941.5	1638.8	1336.9	1034.9	847.1	659.2
0.0	0.0	27.5°	3539.2	3264.9	2990.6	2623.4	2256.2	1889.0	1521.9	1241.9	962.6
0.0	0.0	30°	4248.7	3953.9	3659.0	3231.6	2804.1	2376.7	1949.3	1599.1	1249.0
0.0	0.0	32.5°	4864.0	4511.0	4158.0	3717.1	3276.2	2835.3	2394.4	1964.9	1535.3
0.0	0.0	35°	5573.5	5161.7	4749.2	4260.1	3770.3	3281.2	2792.1	2307.2	1821.7
0.0	0.0	37.5°	6475.2	5969.8	5463.7	4918.6	4373.5	3829.1	3284.0	2729.7	2175.4
0.0	0.0	40°	8201.2	7549.1	6896.9	6204.4	5511.2	4818.6	4126.1	3445.6	2765.2
0.0	0.0	42.5°	11293.8	10412.7	9531.7	8610.2	7688.0	6766.5	5844.3	4884.6	3924.1
0.0	0.0	45°	14784.1	13691.1	12597.4	11563.2	10528.3	9494.1	8459.9	7142.9	5825.9
0.0	0.0	47.5°	16746.9	15566.7	14386.5	13407.6	12428.7	11449.8	10470.9	9051.1	7631.3
0.0	0.0	50°	17469.2	16267.7	15066.2	14165.3	13263.7	12362.7	11461.1	10039.2	8616.6
0.0	0.0	52.5°	17623.0	16397.4	15171.8	14265.2	13358.6	12452.8	11546.2	10133.5	8720.8
0.0	0.0	55°	17939.1	16624.2	15308.6	14275.2	13241.7	12208.2	11174.7	9739.4	8304.0
0.0	0.0	57.5°	18352.4	17004.2	15656.0	14478.6	13301.2	12124.6	10947.2	9377.8	7808.5
0.0	0.0	60°	18243.9	17070.8	15897.0	14636.0	13374.2	12113.2	10851.5	9125.5	7398.8
0.0	0.0	62.5°	16361.3	15427.0	14492.1	13455.0	12417.3	11380.3	10343.3	8566.2	6789.2
0.0	0.0	65°	13460.0	12778.1	12096.2	11261.9	10426.9	9592.6	8758.3	7164.9	5572.1
0.0	0.0	67.5°	10908.9	10140.5	9371.5	8706.6	8041.0	7376.1	6710.5	5456.6	4202.7
		70°	8666.9	7831.2	6994.8	6345.5	5695.5	5046.2	4396.9	3563.3	2730.4
		72.5°	6882.8	6129.3	5375.8	4683.3	3990.0	3297.5	2604.2	2111.6	1619.0
		75°	3289.7	2988.4	2687.2	2325.0	1962.8	1600.5	1238.3	1023.6	809.5
		77.5°	1219.2	1056.9	893.8	746.4	599.0	452.2	304.8	279.3	253.8
		80°	315.4	275.0	233.9	204.9	175.1	146.0	117.0	105.6	95.0
		82.5°	36.2	33.3	31.2	29.8	27.6	26.2	24.1	22.0	19.8
		85°	2.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA3B-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049398

CATALOG NUMBER: GALN-SA3B-940-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	41.1	41.1
0.0	0.0	2.5°	38.3	37.6
0.0	0.0	5°	40.4	39.7
0.0	0.0	7.5°	44.7	43.2
0.0	0.0	10°	48.9	47.5
0.0	0.0	12.5°	55.3	53.2
0.0	0.0	15°	62.4	58.1
0.0	0.0	17.5°	74.4	65.2
0.0	0.0	20°	100.7	77.3
0.0	0.0	22.5°	141.8	96.4
0.0	0.0	25°	208.4	133.3
0.0	0.0	27.5°	289.9	177.2
0.0	0.0	30°	385.6	221.9
0.0	0.0	32.5°	470.0	264.4
0.0	0.0	35°	579.8	307.6
0.0	0.0	37.5°	715.2	362.9
0.0	0.0	40°	925.0	446.6
0.0	0.0	42.5°	1302.8	601.1
0.0	0.0	45°	2115.9	1039.1
0.0	0.0	47.5°	3255.7	1718.9
0.0	0.0	50°	3982.9	2193.8
0.0	0.0	52.5°	4042.5	2190.3
0.0	0.0	55°	3690.2	1947.2
0.0	0.0	57.5°	3148.6	1627.5
0.0	0.0	60°	2617.0	1287.2
0.0	0.0	62.5°	2062.0	888.9
0.0	0.0	65°	1507.0	628.7
0.0	0.0	67.5°	1082.4	470.0
		70°	711.7	360.1
		72.5°	463.6	293.5
		75°	311.9	243.1
		77.5°	182.2	161.6
		80°	64.5	56.7
		82.5°	12.1	8.5
		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: P1049398

CATALOG NUMBER: GALN-SA3B-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

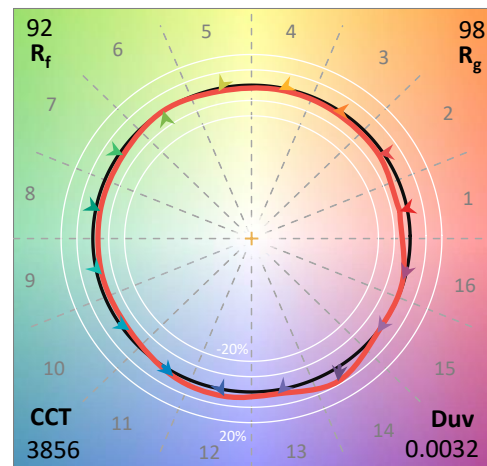
Test Information

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

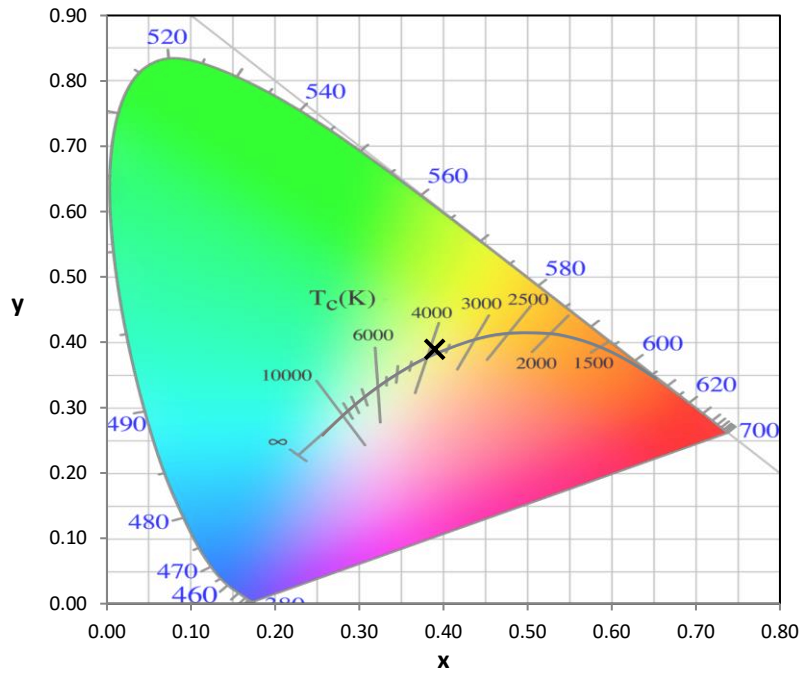
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

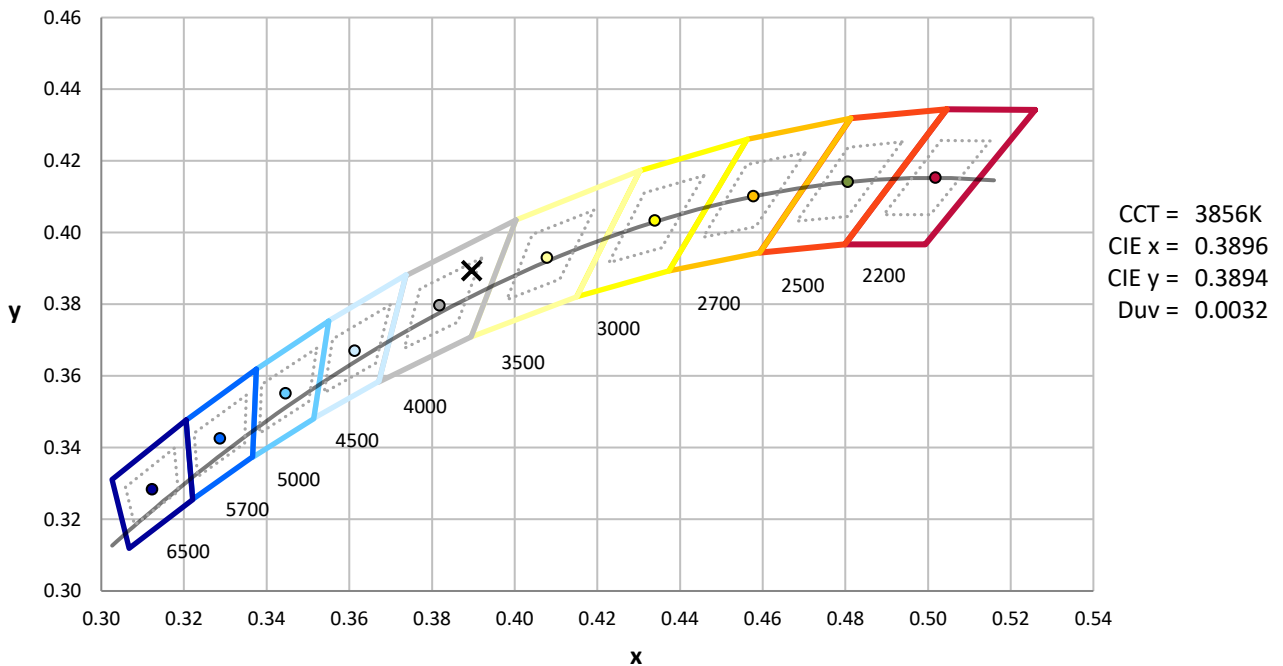
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



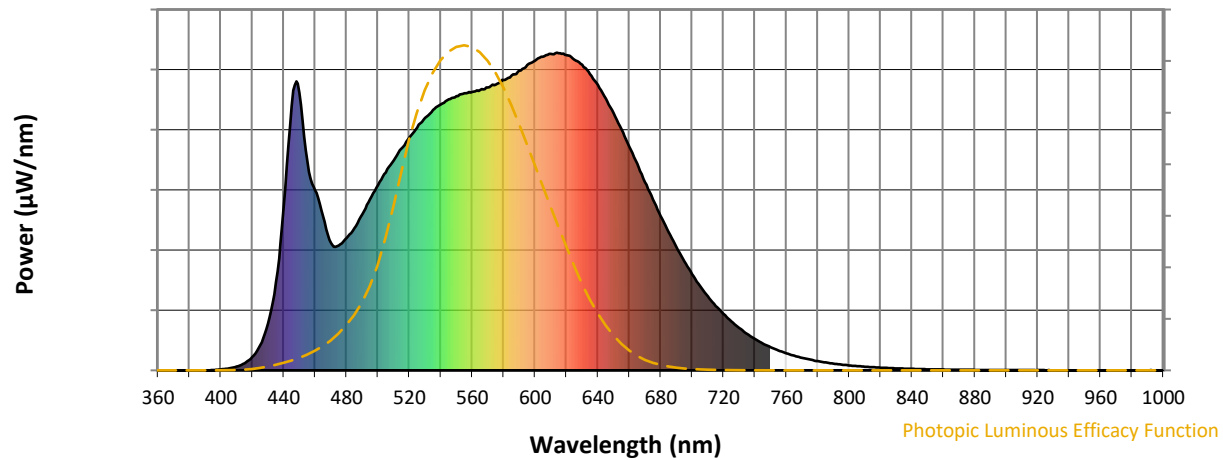
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

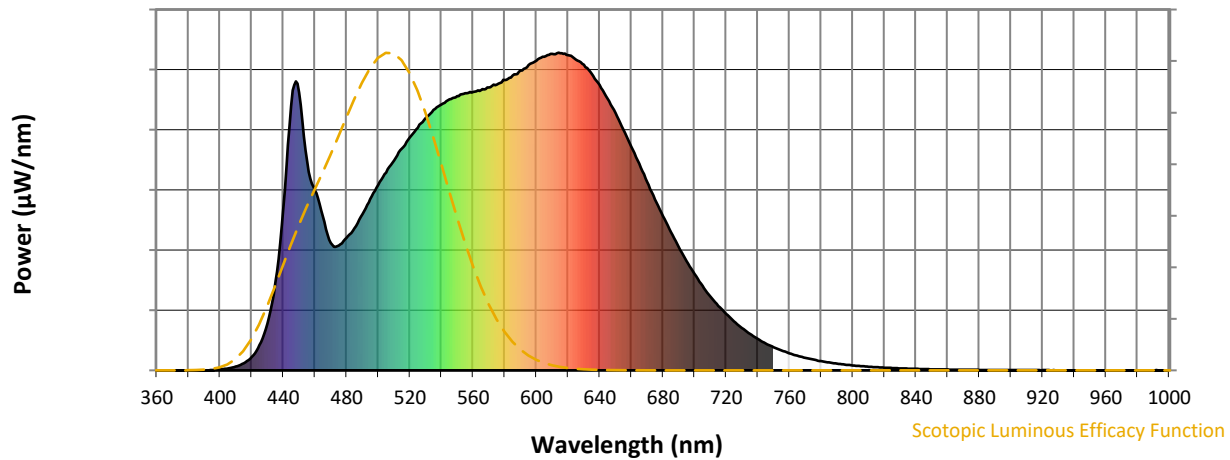


Photopic Lumens: NR

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



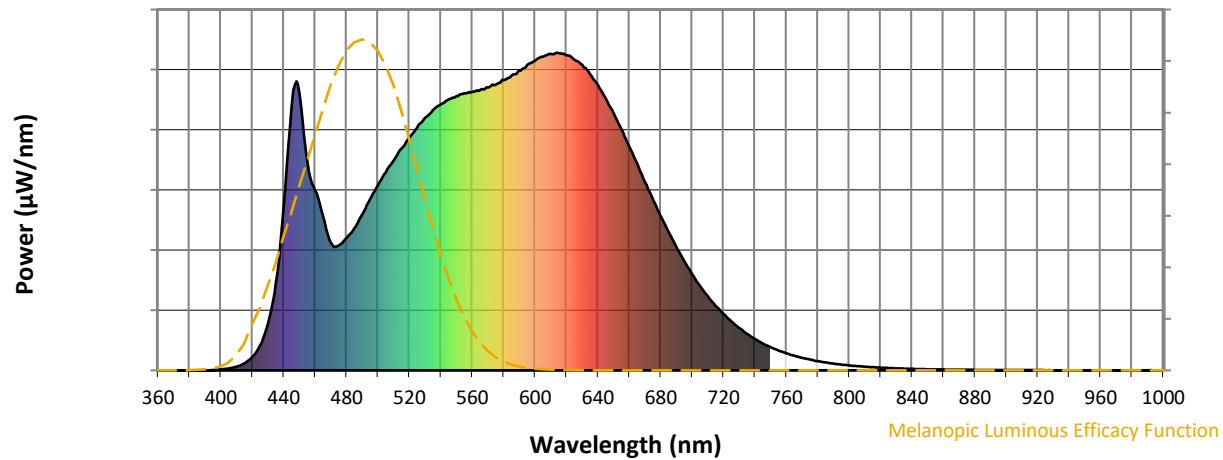
Scotopic Lumens: NR

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

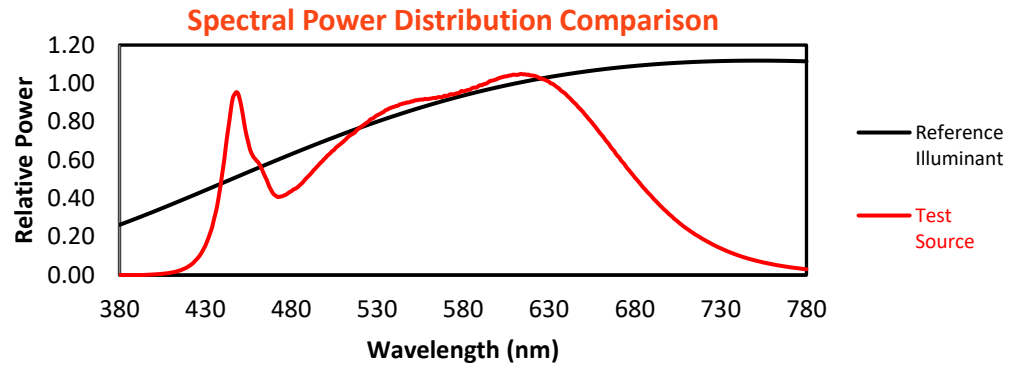
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583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

REPORT NUMBER: SP1-2407-184-16

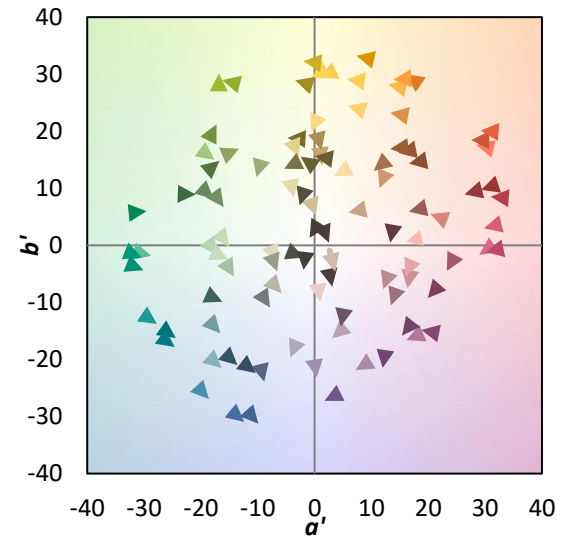
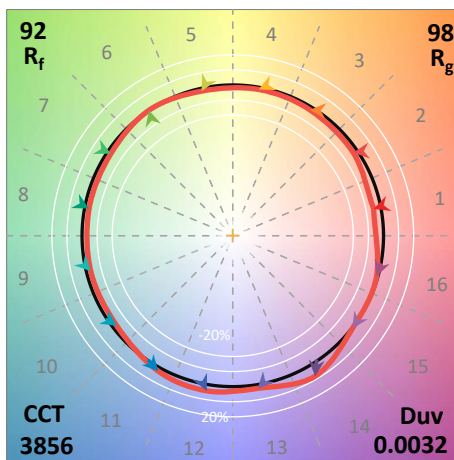
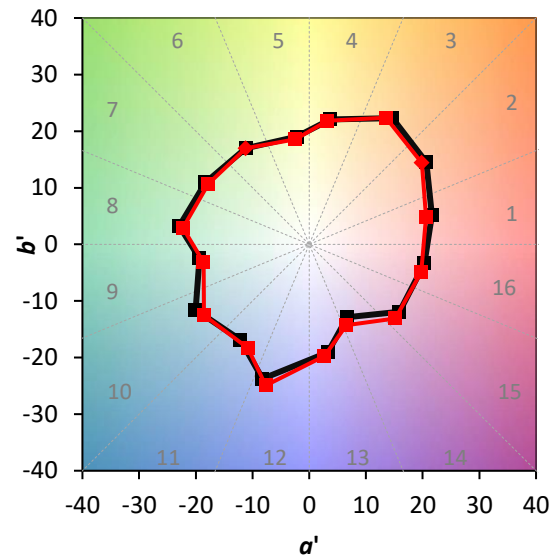
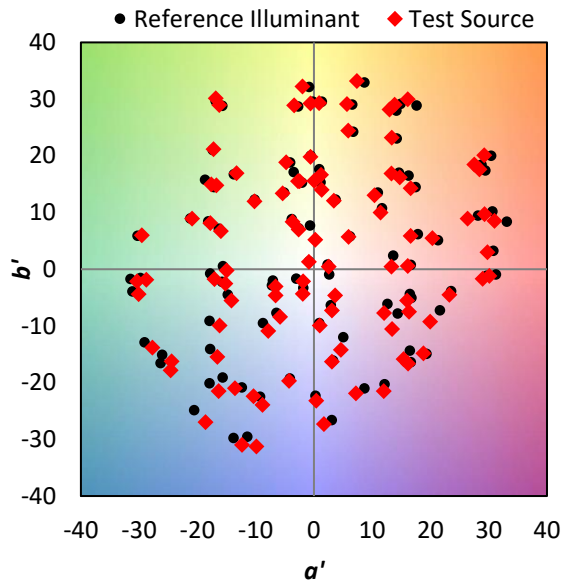
TM-30-18

Summary

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

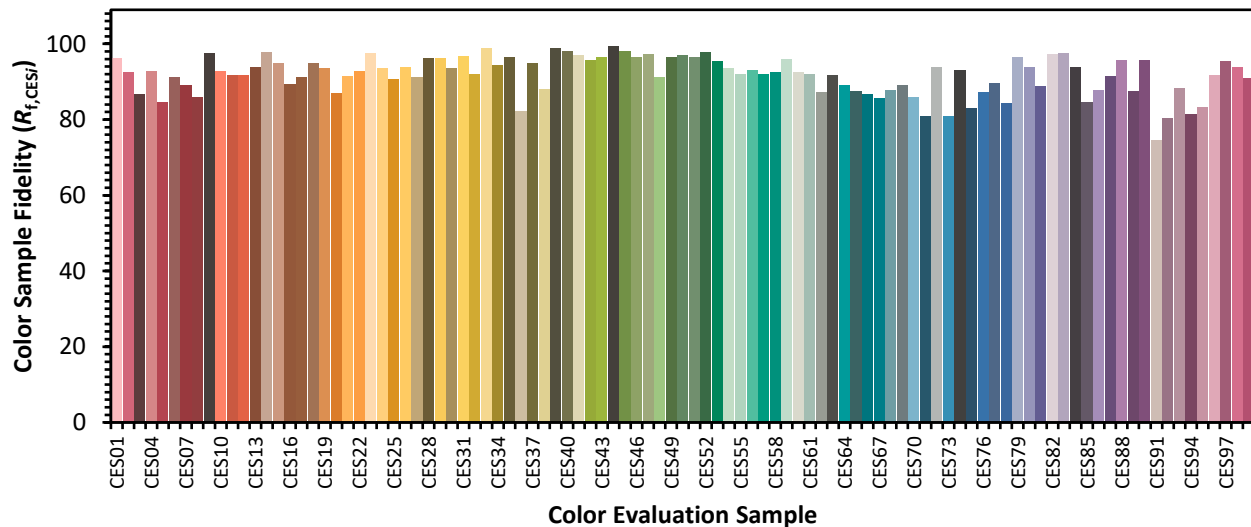


Color Vector Graphics

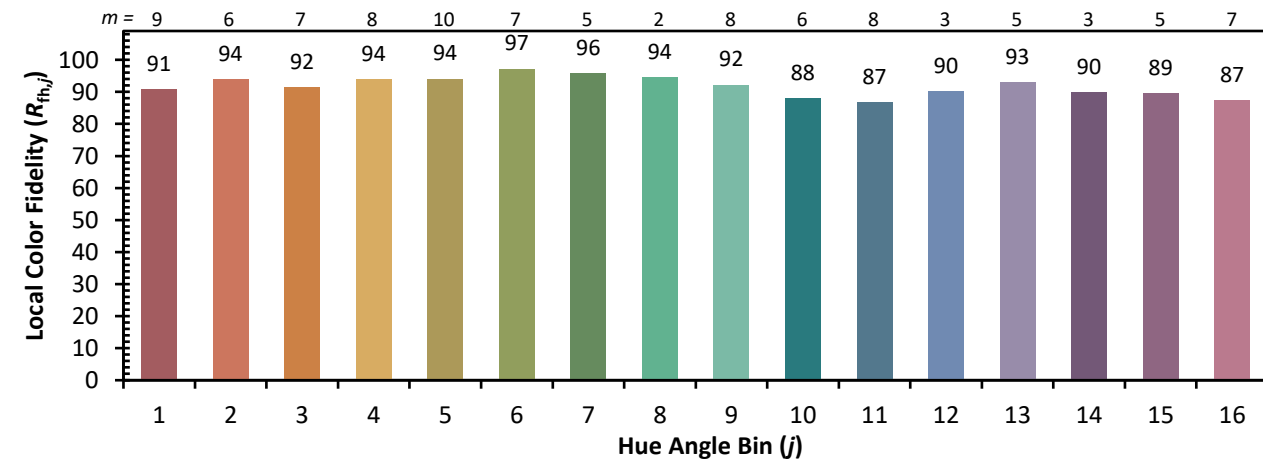
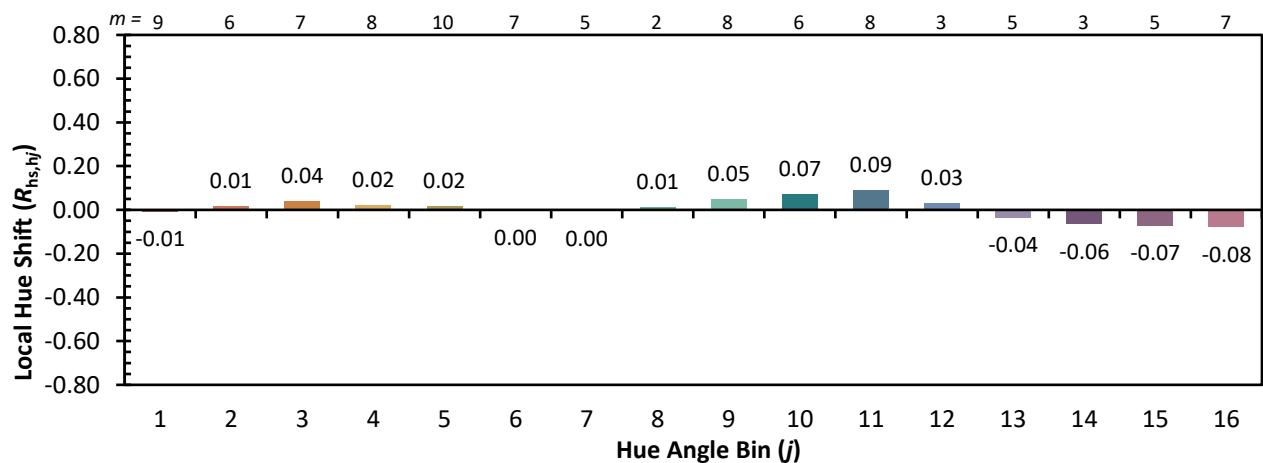
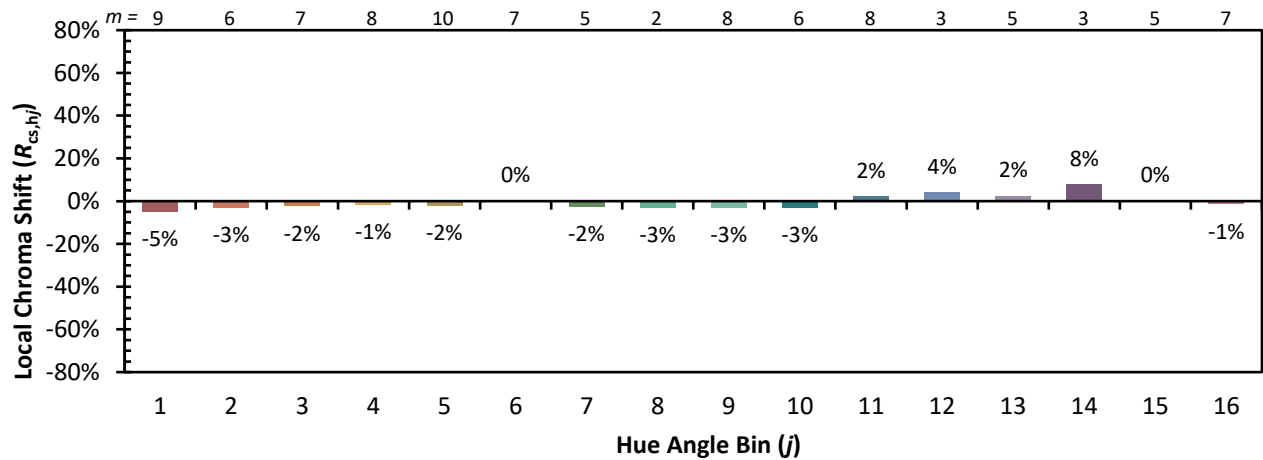


Individual Sample Fidelity Index ($R_{f,i}$)

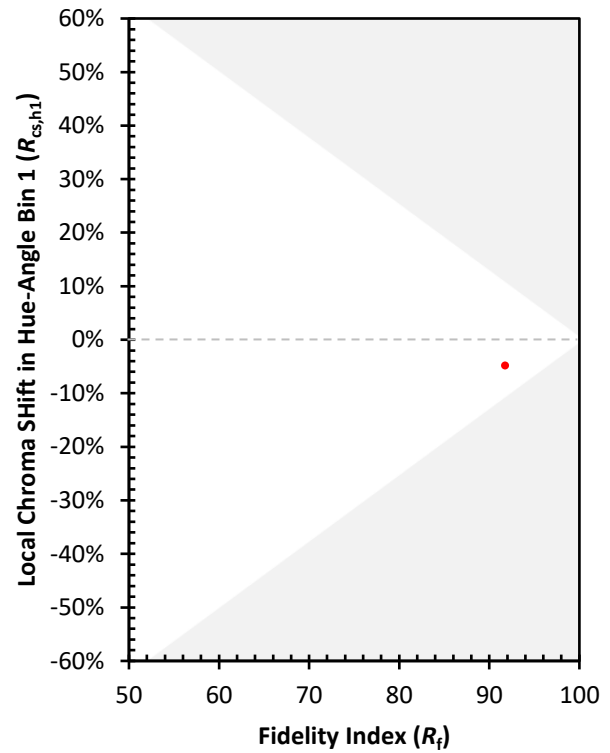
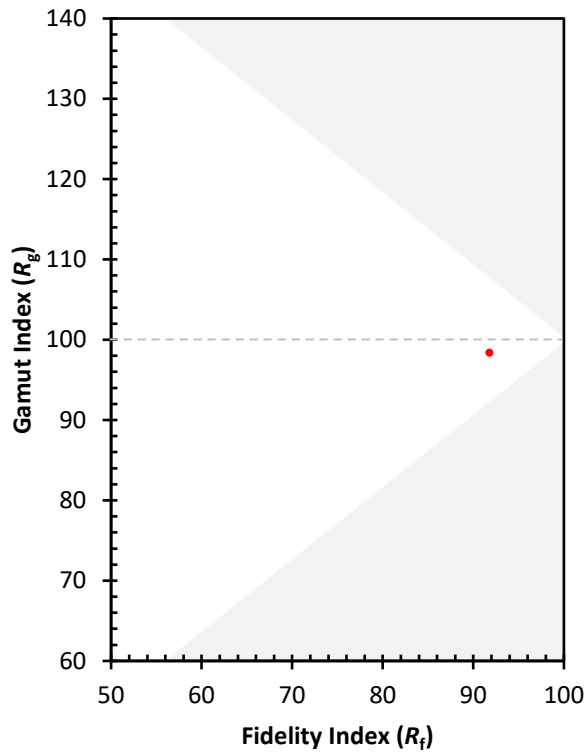
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)