

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1049335

Luminaire Tested: **GALN-SA5C-930-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049335
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5C-930-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE
90CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17448.4 lumens
Efficiency: N/A
Efficacy: 73.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

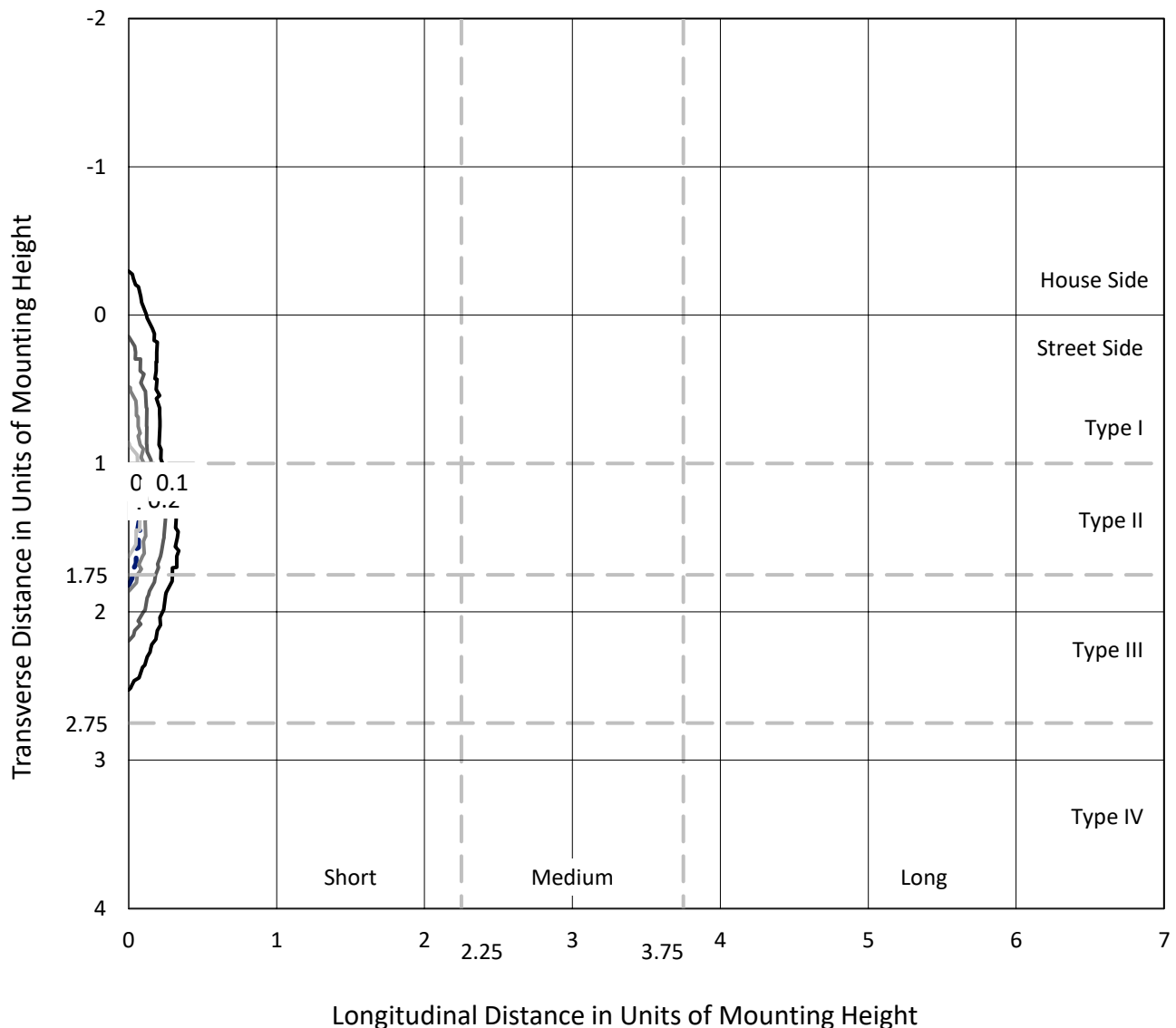
Input Watts (W): 236
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

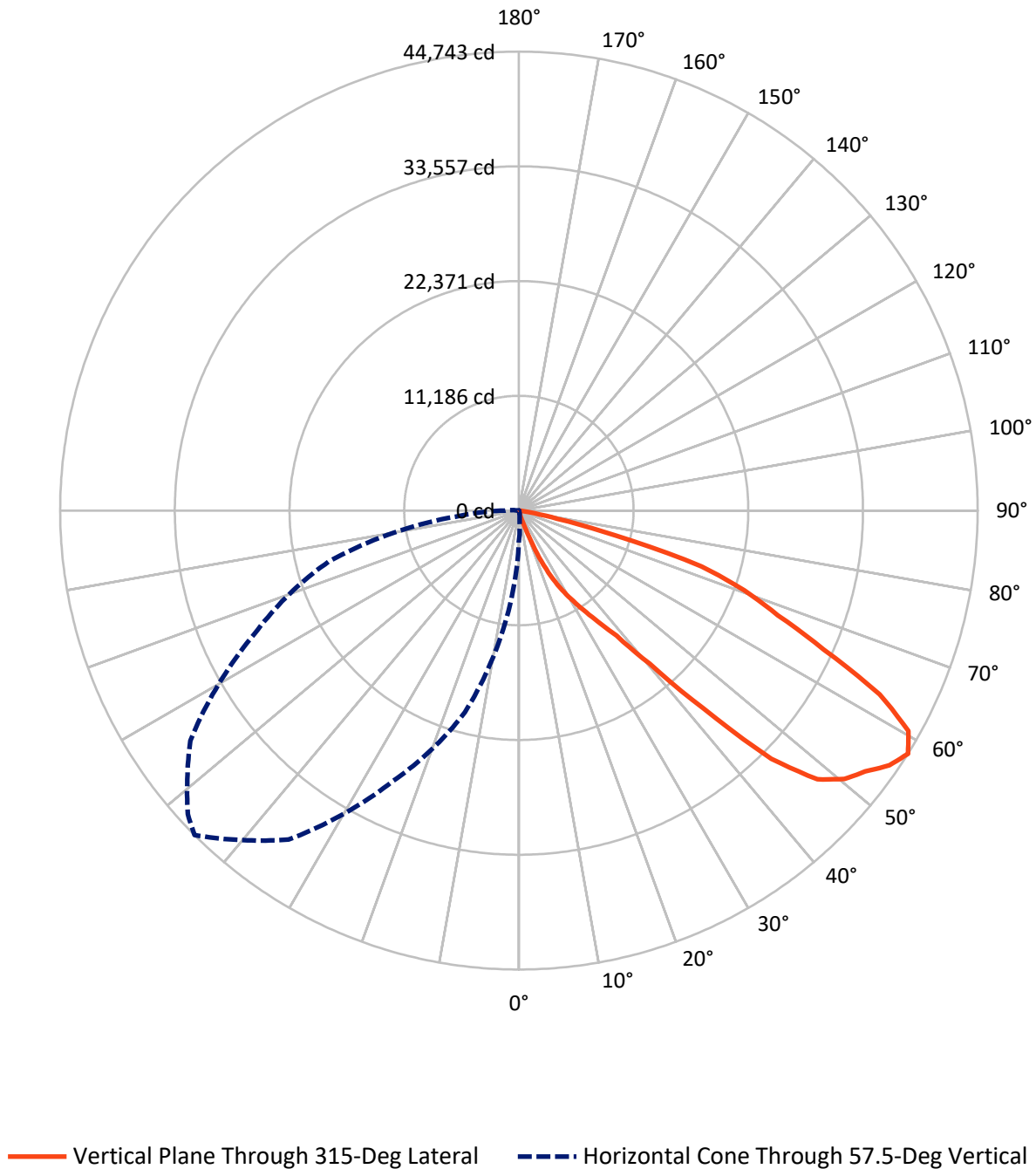
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.6 fc
 Type III - Short - N/A

REPORT NUMBER: P1049335
CATALOG NUMBER: GALN-SA5C-930-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	87.4	0.0	87.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	17361.0	0.0	17361.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	17448.4	0.0	17448.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.8	0.0
10°-20°	38.3	0.2
20°-30°	413.5	2.4
30°-40°	1222.8	7.0
40°-50°	3644.3	20.9
50°-60°	5778.5	33.1
60°-70°	4823.6	27.6
70°-80°	1487.4	8.5
80°-90°	33.1	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°	17448.4	100.0
0°-180°	17448.4	100.0



REPORT NUMBER: P1049335

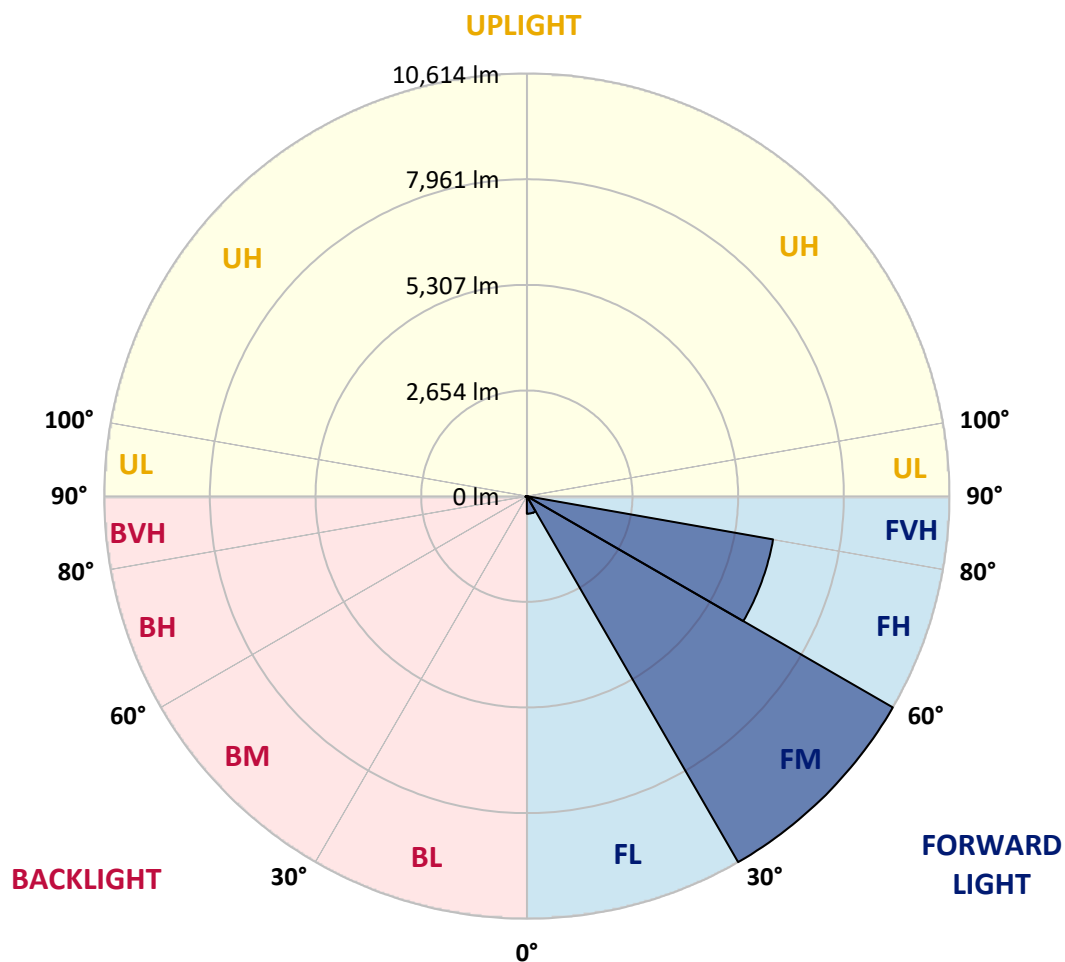
CATALOG NUMBER: GALN-SA5C-930-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	442.6	2.5			
FM	(30°-60°)	10614.3	60.8			
FH	(60°-80°)	6278.5	36.0			G3/7500
FVH	(80°-90°)	25.6	0.1			G1/100
BL	(0°-30°)	16.0	0.1	B0/110		
BM	(30°-60°)	31.2	0.2	B0/220		
BH	(60°-80°)	32.6	0.2	B0/110		G0/110
BVH	(80°-90°)	7.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short





REPORT NUMBER: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
2.5°	69.9	69.9	69.9	69.9	68.6	68.6	67.2	67.2	65.9	65.9
5°	73.8	73.8	72.5	71.2	71.2	69.9	68.6	67.2	67.2	65.9
7.5°	80.4	79.1	77.8	76.5	73.8	72.5	69.9	68.6	67.2	64.6
10°	88.3	85.7	83.1	80.4	77.8	75.2	72.5	71.2	68.6	67.2
12.5°	98.9	94.9	89.7	85.7	83.1	79.1	76.5	73.8	69.9	67.2
15°	108.1	102.8	96.3	91.0	87.0	81.8	77.8	73.8	71.2	67.2
17.5°	121.3	112.1	101.5	94.9	89.7	83.1	76.5	72.5	68.6	63.3
20°	143.7	125.3	105.5	97.6	89.7	81.8	73.8	68.6	64.6	59.3
22.5°	179.3	147.7	116.0	104.2	93.6	81.8	71.2	65.9	60.7	55.4
25°	247.9	191.2	134.5	118.7	102.8	87.0	71.2	64.6	59.3	52.7
27.5°	329.6	245.3	159.5	137.1	116.0	93.6	71.2	63.3	56.7	48.8
30°	412.7	300.6	187.2	158.2	129.2	100.2	71.2	62.0	54.1	44.8
32.5°	491.8	352.1	211.0	176.7	142.4	106.8	72.5	62.0	51.4	40.9
35°	572.3	394.2	214.9	179.3	143.7	106.8	71.2	59.3	48.8	36.9
37.5°	675.1	441.7	207.0	171.4	137.1	101.5	67.2	56.7	46.1	34.3
40°	830.7	520.8	211.0	174.0	137.1	100.2	63.3	52.7	43.5	33.0
42.5°	1118.1	673.8	228.1	185.9	143.7	100.2	58.0	48.8	40.9	31.6
45°	1933.0	1119.5	305.9	242.6	179.3	116.0	52.7	44.8	38.2	30.3
47.5°	3197.5	1873.7	549.8	424.6	300.6	175.4	51.4	44.8	38.2	30.3
50°	4080.9	2386.6	692.2	532.7	373.2	213.6	54.1	46.1	39.6	31.6
52.5°	4074.3	2423.5	771.4	592.0	414.0	234.7	56.7	48.8	42.2	34.3
55°	3622.1	2204.6	785.9	603.9	423.3	241.3	60.7	52.7	44.8	36.9
57.5°	3027.4	1872.4	717.3	555.1	394.2	232.1	69.9	60.7	52.7	43.5
60°	2394.5	1476.8	559.1	441.7	325.7	208.3	92.3	80.4	69.9	58.0
62.5°	1653.5	1070.7	487.9	391.6	296.7	200.4	105.5	93.6	83.1	71.2
65°	1169.6	805.6	440.4	358.6	278.2	196.5	114.7	101.5	89.7	76.5
67.5°	874.2	640.8	406.1	336.2	266.3	196.5	126.6	110.8	96.3	80.4
70°	669.8	526.1	381.1	324.4	269.0	212.3	155.6	133.2	112.1	89.7
72.5°	545.9	449.6	352.1	311.2	270.3	229.4	188.6	159.5	130.5	100.2
75°	452.3	385.0	317.8	283.5	250.5	216.2	182.0	155.6	130.5	104.2
77.5°	300.6	274.3	246.6	226.8	207.0	185.9	166.1	143.7	122.6	100.2
80°	105.5	101.5	97.6	105.5	113.4	121.3	129.2	113.4	98.9	83.1
82.5°	15.8	14.5	13.2	14.5	15.8	17.1	18.5	19.8	21.1	22.4
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: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
0.0	2.5°	64.6	64.6	63.3	63.3	63.3	62.0	62.0	60.7	60.7	60.7
0.0	5°	63.3	63.3	62.0	60.7	59.3	59.3	58.0	56.7	56.7	55.4
0.0	7.5°	62.0	60.7	59.3	58.0	56.7	55.4	54.1	52.7	52.7	51.4
0.0	10°	63.3	60.7	59.3	56.7	55.4	54.1	51.4	50.1	48.8	48.8
0.0	12.5°	60.7	59.3	56.7	54.1	52.7	50.1	48.8	46.1	44.8	44.8
0.0	15°	60.7	58.0	54.1	51.4	48.8	47.5	44.8	42.2	40.9	39.6
0.0	17.5°	56.7	54.1	50.1	47.5	44.8	42.2	39.6	36.9	35.6	34.3
0.0	20°	51.4	48.8	44.8	40.9	38.2	35.6	33.0	30.3	29.0	27.7
0.0	22.5°	46.1	43.5	39.6	35.6	33.0	30.3	26.4	23.7	22.4	19.8
0.0	25°	43.5	39.6	35.6	31.6	27.7	25.1	21.1	17.1	14.5	11.9
0.0	27.5°	36.9	33.0	29.0	25.1	21.1	17.1	13.2	9.2	6.6	5.3
0.0	30°	31.6	27.7	23.7	19.8	14.5	10.5	6.6	1.3	1.3	1.3
0.0	32.5°	26.4	22.4	17.1	13.2	10.5	6.6	4.0	0.0	0.0	0.0
0.0	35°	21.1	17.1	11.9	7.9	6.6	4.0	2.6	0.0	0.0	0.0
0.0	37.5°	18.5	14.5	9.2	4.0	2.6	2.6	1.3	0.0	0.0	0.0
0.0	40°	17.1	11.9	6.6	1.3	1.3	1.3	0.0	0.0	0.0	0.0
0.0	42.5°	17.1	11.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	17.1	11.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	17.1	11.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	18.5	13.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	21.1	15.8	10.5	5.3	4.0	2.6	1.3	0.0	0.0	0.0
0.0	55°	26.4	23.7	19.8	17.1	13.2	9.2	4.0	0.0	0.0	0.0
0.0	57.5°	34.3	34.3	33.0	31.6	23.7	15.8	7.9	0.0	0.0	0.0
0.0	60°	46.1	46.1	46.1	46.1	34.3	23.7	11.9	0.0	0.0	0.0
0.0	62.5°	56.7	54.1	50.1	47.5	35.6	23.7	11.9	0.0	0.0	0.0
0.0	65°	56.7	51.4	44.8	38.2	29.0	19.8	9.2	0.0	0.0	0.0
0.0	67.5°	52.7	42.2	30.3	19.8	14.5	10.5	5.3	0.0	0.0	0.0
	70°	52.7	36.9	21.1	5.3	4.0	2.6	1.3	0.0	0.0	0.0
	72.5°	52.7	35.6	17.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	58.0	39.6	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	58.0	39.6	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	51.4	34.3	17.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	17.1	11.9	5.3	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-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
0.0	2.5°	59.3	59.3	59.3	58.0	58.0	58.0	58.0	56.7	56.7	56.7
0.0	5°	54.1	54.1	52.7	52.7	51.4	51.4	50.1	50.1	48.8	48.8
0.0	7.5°	50.1	48.8	48.8	47.5	46.1	46.1	44.8	44.8	43.5	42.2
0.0	10°	46.1	44.8	44.8	43.5	42.2	40.9	40.9	39.6	38.2	36.9
0.0	12.5°	42.2	40.9	39.6	38.2	36.9	35.6	35.6	34.3	33.0	31.6
0.0	15°	36.9	35.6	34.3	33.0	31.6	30.3	30.3	29.0	27.7	26.4
0.0	17.5°	31.6	30.3	30.3	29.0	27.7	26.4	25.1	22.4	21.1	19.8
0.0	20°	23.7	22.4	21.1	19.8	18.5	15.8	14.5	11.9	9.2	7.9
0.0	22.5°	15.8	13.2	11.9	9.2	6.6	5.3	4.0	1.3	0.0	0.0
0.0	25°	5.3	4.0	2.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
0.0	2.5°	55.4	55.4	55.4	54.1	54.1	54.1	54.1	54.1	54.1	54.1
0.0	5°	47.5	47.5	47.5	46.1	46.1	44.8	44.8	44.8	43.5	43.5
0.0	7.5°	40.9	39.6	39.6	38.2	38.2	36.9	36.9	36.9	35.6	35.6
0.0	10°	34.3	33.0	33.0	31.6	31.6	30.3	30.3	29.0	29.0	27.7
0.0	12.5°	30.3	29.0	27.7	26.4	26.4	25.1	23.7	23.7	22.4	21.1
0.0	15°	23.7	22.4	21.1	19.8	18.5	17.1	15.8	15.8	14.5	13.2
0.0	17.5°	15.8	13.2	11.9	10.5	10.5	9.2	7.9	6.6	5.3	4.0
0.0	20°	4.0	2.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049335

CATALOG NUMBER: GALN-SA5C-930-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°	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
0.0	2.5°	54.1	52.7	52.7	52.7	54.1	54.1	54.1	54.1	54.1	54.1
0.0	5°	43.5	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
0.0	7.5°	35.6	34.3	34.3	34.3	34.3	33.0	33.0	33.0	33.0	33.0
0.0	10°	27.7	26.4	26.4	26.4	26.4	25.1	25.1	25.1	25.1	25.1
0.0	12.5°	19.8	19.8	18.5	18.5	18.5	17.1	17.1	17.1	17.1	15.8
0.0	15°	11.9	10.5	9.2	9.2	9.2	7.9	7.9	7.9	7.9	6.6
0.0	17.5°	2.6	2.6	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
0.0	2.5°	55.4	55.4	56.7	56.7	58.0	60.7	62.0	63.3	65.9	68.6
0.0	5°	43.5	44.8	44.8	46.1	47.5	48.8	50.1	51.4	54.1	56.7
0.0	7.5°	34.3	34.3	35.6	35.6	36.9	39.6	40.9	42.2	44.8	48.8
0.0	10°	26.4	26.4	27.7	27.7	29.0	31.6	33.0	34.3	36.9	40.9
0.0	12.5°	17.1	18.5	18.5	19.8	21.1	23.7	25.1	26.4	29.0	31.6
0.0	15°	7.9	9.2	9.2	10.5	11.9	14.5	15.8	17.1	19.8	23.7
0.0	17.5°	1.3	1.3	2.6	2.6	4.0	5.3	6.6	7.9	11.9	14.5
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	5.3
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049335

CATALOG NUMBER: GALN-SA5C-930-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°	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
0.0	2.5°	72.5	75.2	77.8	80.4	83.1	85.7	87.0	89.7	91.0	92.3
0.0	5°	62.0	64.6	68.6	71.2	73.8	76.5	79.1	80.4	81.8	83.1
0.0	7.5°	54.1	56.7	60.7	63.3	65.9	68.6	71.2	73.8	75.2	76.5
0.0	10°	46.1	50.1	52.7	56.7	59.3	62.0	64.6	67.2	69.9	71.2
0.0	12.5°	36.9	40.9	44.8	47.5	51.4	55.4	58.0	60.7	63.3	65.9
0.0	15°	29.0	33.0	36.9	39.6	43.5	47.5	51.4	54.1	56.7	59.3
0.0	17.5°	21.1	25.1	29.0	31.6	35.6	39.6	42.2	46.1	48.8	51.4
0.0	20°	10.5	14.5	18.5	22.4	26.4	30.3	33.0	36.9	39.6	42.2
0.0	22.5°	1.3	5.3	9.2	11.9	15.8	19.8	22.4	26.4	29.0	31.6
0.0	25°	0.0	1.3	4.0	5.3	6.6	9.2	11.9	14.5	17.1	19.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.3	2.6	5.3	7.9	10.5
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	2.6
	85°	0.0	0.0	0.0	0.0	0.0	2.6	4.0	6.6	7.9	9.2
	87.5°	0.0	1.3	2.6	4.0	5.3	7.9	10.5	13.2	14.5	15.8
	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: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
76.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.3											
5.3											
11.9											
17.1											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
0.0	2.5°	93.6	93.6	93.6	93.6	92.3	92.3	92.3	91.0	91.0	89.7
0.0	5°	85.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	85.7	85.7
0.0	7.5°	79.1	80.4	81.8	81.8	83.1	83.1	83.1	81.8	81.8	80.4
0.0	10°	75.2	76.5	76.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8
0.0	12.5°	69.9	71.2	72.5	72.5	73.8	73.8	73.8	73.8	72.5	72.5
0.0	15°	63.3	65.9	67.2	68.6	68.6	69.9	69.9	69.9	69.9	69.9
0.0	17.5°	58.0	60.7	62.0	63.3	63.3	64.6	64.6	65.9	65.9	65.9
0.0	20°	47.5	50.1	51.4	54.1	55.4	56.7	58.0	59.3	59.3	60.7
0.0	22.5°	36.9	39.6	40.9	43.5	44.8	46.1	47.5	48.8	50.1	51.4
0.0	25°	26.4	29.0	30.3	33.0	34.3	35.6	36.9	38.2	38.2	39.6
0.0	27.5°	14.5	17.1	19.8	21.1	23.7	25.1	26.4	27.7	29.0	30.3
0.0	30°	6.6	7.9	9.2	11.9	13.2	14.5	15.8	18.5	19.8	21.1
0.0	32.5°	0.0	0.0	1.3	4.0	5.3	6.6	7.9	9.2	9.2	10.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.6	4.0	5.3
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	2.6	2.6	2.6	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	82.5°	6.6	7.9	9.2	9.2	10.5	10.5	10.5	10.5	9.2	9.2
	85°	13.2	14.5	15.8	15.8	17.1	17.1	17.1	17.1	17.1	17.1
	87.5°	18.5	19.8	21.1	21.1	22.4	22.4	22.4	22.4	22.4	22.4
	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: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
76.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
4.0											
9.2											
17.1											
22.4											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049335

CATALOG NUMBER: GALN-SA5C-930-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°	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
0.0	2.5°	88.3	88.3	87.0	87.0	87.0	87.0	87.0	88.3	89.7	89.7
0.0	5°	84.4	84.4	83.1	83.1	83.1	84.4	84.4	85.7	87.0	88.3
0.0	7.5°	80.4	79.1	79.1	80.4	80.4	81.8	81.8	83.1	84.4	85.7
0.0	10°	77.8	76.5	76.5	76.5	77.8	77.8	79.1	80.4	81.8	83.1
0.0	12.5°	72.5	72.5	72.5	72.5	73.8	73.8	75.2	76.5	79.1	80.4
0.0	15°	69.9	68.6	68.6	68.6	68.6	69.9	69.9	72.5	75.2	76.5
0.0	17.5°	64.6	64.6	63.3	63.3	64.6	64.6	65.9	68.6	71.2	72.5
0.0	20°	59.3	58.0	56.7	56.7	58.0	58.0	59.3	62.0	64.6	65.9
0.0	22.5°	51.4	50.1	50.1	50.1	50.1	51.4	51.4	54.1	58.0	60.7
0.0	25°	40.9	42.2	42.2	43.5	43.5	44.8	46.1	48.8	52.7	55.4
0.0	27.5°	31.6	33.0	33.0	35.6	36.9	38.2	39.6	43.5	47.5	50.1
0.0	30°	23.7	25.1	26.4	27.7	30.3	33.0	35.6	39.6	43.5	46.1
0.0	32.5°	14.5	17.1	18.5	21.1	23.7	26.4	29.0	33.0	38.2	42.2
0.0	35°	10.5	11.9	14.5	15.8	18.5	21.1	23.7	29.0	33.0	38.2
0.0	37.5°	5.3	7.9	10.5	13.2	15.8	18.5	21.1	26.4	31.6	35.6
0.0	40°	4.0	6.6	7.9	10.5	14.5	17.1	19.8	25.1	30.3	35.6
0.0	42.5°	2.6	4.0	5.3	9.2	11.9	15.8	19.8	25.1	30.3	35.6
0.0	45°	2.6	2.6	4.0	7.9	11.9	17.1	21.1	26.4	30.3	35.6
0.0	47.5°	2.6	4.0	5.3	10.5	13.2	17.1	21.1	25.1	30.3	34.3
0.0	50°	4.0	5.3	6.6	11.9	14.5	18.5	21.1	26.4	30.3	35.6
0.0	52.5°	2.6	4.0	5.3	10.5	14.5	19.8	23.7	29.0	34.3	38.2
0.0	55°	1.3	1.3	1.3	7.9	15.8	22.4	30.3	34.3	39.6	43.5
0.0	57.5°	0.0	0.0	0.0	5.3	15.8	25.1	34.3	39.6	44.8	48.8
0.0	60°	0.0	0.0	0.0	5.3	15.8	25.1	34.3	40.9	47.5	54.1
0.0	62.5°	0.0	0.0	0.0	5.3	13.2	21.1	29.0	39.6	51.4	62.0
0.0	65°	0.0	0.0	0.0	4.0	10.5	17.1	23.7	39.6	55.4	69.9
0.0	67.5°	0.0	0.0	0.0	4.0	10.5	15.8	22.4	39.6	55.4	72.5
	70°	0.0	0.0	0.0	4.0	10.5	17.1	23.7	39.6	55.4	71.2
	72.5°	0.0	0.0	0.0	4.0	11.9	18.5	26.4	39.6	52.7	65.9
	75°	0.0	0.0	0.0	5.3	11.9	19.8	27.7	39.6	51.4	62.0
	77.5°	0.0	0.0	0.0	4.0	11.9	18.5	26.4	38.2	50.1	60.7
	80°	4.0	2.6	2.6	6.6	11.9	17.1	22.4	34.3	47.5	59.3
	82.5°	7.9	7.9	6.6	9.2	11.9	15.8	19.8	30.3	42.2	52.7
	85°	15.8	15.8	14.5	15.8	15.8	17.1	18.5	23.7	29.0	34.3
	87.5°	21.1	21.1	19.8	19.8	19.8	18.5	18.5	18.5	18.5	17.1
	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: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
76.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.0											
79.1											
73.8											
72.5											
71.2											
63.3											
39.6											
17.1											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											



REPORT NUMBER: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
0.0	2.5°	92.3	93.6	93.6	94.9	96.3	97.6	97.6	98.9	98.9	98.9
0.0	5°	91.0	93.6	94.9	96.3	97.6	98.9	100.2	101.5	102.8	102.8
0.0	7.5°	89.7	91.0	93.6	94.9	97.6	98.9	101.5	102.8	104.2	105.5
0.0	10°	87.0	89.7	92.3	94.9	97.6	100.2	102.8	105.5	108.1	109.4
0.0	12.5°	84.4	88.3	91.0	93.6	97.6	101.5	104.2	108.1	110.8	113.4
0.0	15°	83.1	85.7	89.7	92.3	97.6	102.8	106.8	112.1	117.4	121.3
0.0	17.5°	79.1	84.4	88.3	92.3	97.6	104.2	109.4	114.7	122.6	130.5
0.0	20°	73.8	77.8	83.1	87.0	94.9	101.5	109.4	116.0	127.9	139.8
0.0	22.5°	68.6	73.8	77.8	83.1	92.3	100.2	109.4	117.4	137.1	155.6
0.0	25°	63.3	69.9	75.2	80.4	91.0	101.5	112.1	122.6	155.6	188.6
0.0	27.5°	60.7	65.9	72.5	77.8	91.0	105.5	118.7	131.9	184.6	236.0
0.0	30°	56.7	63.3	68.6	75.2	92.3	109.4	126.6	143.7	224.2	304.6
0.0	32.5°	52.7	59.3	65.9	72.5	94.9	117.4	138.4	160.9	266.3	370.5
0.0	35°	48.8	56.7	63.3	69.9	98.9	129.2	158.2	187.2	304.6	420.6
0.0	37.5°	47.5	55.4	62.0	68.6	100.2	130.5	162.2	192.5	308.5	424.6
0.0	40°	48.8	55.4	63.3	69.9	96.3	122.6	147.7	174.0	295.4	415.3
0.0	42.5°	48.8	56.7	64.6	72.5	93.6	114.7	135.8	156.9	291.4	425.9
0.0	45°	47.5	55.4	63.3	71.2	91.0	109.4	129.2	147.7	315.1	481.3
0.0	47.5°	46.1	54.1	62.0	69.9	89.7	109.4	129.2	149.0	407.4	664.6
0.0	50°	46.1	54.1	60.7	67.2	91.0	116.0	139.8	163.5	593.4	1021.9
0.0	52.5°	48.8	55.4	60.7	65.9	93.6	122.6	150.3	178.0	754.2	1329.1
0.0	55°	52.7	56.7	62.0	65.9	100.2	133.2	167.5	200.4	803.0	1405.6
0.0	57.5°	58.0	62.0	65.9	69.9	112.1	154.3	195.1	237.3	807.0	1375.3
0.0	60°	64.6	69.9	73.8	77.8	122.6	168.8	213.6	258.4	730.5	1201.2
0.0	62.5°	79.1	85.7	91.0	97.6	141.1	183.3	226.8	269.0	606.5	944.1
0.0	65°	91.0	96.3	101.5	106.8	149.0	192.5	234.7	276.9	514.2	751.6
0.0	67.5°	93.6	98.9	102.8	108.1	151.6	195.1	237.3	280.9	440.4	598.6
	70°	94.9	101.5	109.4	116.0	160.9	205.7	249.2	294.0	390.3	486.5
	72.5°	91.0	104.2	116.0	127.9	170.1	211.0	253.2	294.0	362.6	431.2
	75°	91.0	109.4	126.6	143.7	175.4	205.7	237.3	267.7	320.4	373.2
	77.5°	96.3	120.0	143.7	167.5	185.9	203.1	221.5	238.7	272.9	307.2
	80°	96.3	121.3	145.0	170.1	178.0	187.2	195.1	203.1	207.0	211.0
	82.5°	83.1	102.8	122.6	142.4	133.2	123.9	114.7	105.5	98.9	91.0
	85°	42.2	46.1	48.8	51.4	47.5	43.5	39.6	35.6	33.0	29.0
	87.5°	17.1	17.1	15.8	15.8	15.8	15.8	14.5	14.5	14.5	14.5
	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: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
76.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
280.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
390.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
528.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
660.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
817.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
884.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1016.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1280.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1951.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2989.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3763.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3848.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3473.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2969.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2320.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1753.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1294.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
916.4											
681.7											
495.8											
373.2											
209.7											
94.9											
27.7											
13.2											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049335

CATALOG NUMBER: GALN-SA5C-930-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°	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
0.0	2.5°	98.9	97.6	97.6	96.3	94.9	93.6	92.3	91.0	89.7	88.3
0.0	5°	102.8	102.8	102.8	101.5	101.5	100.2	100.2	98.9	97.6	96.3
0.0	7.5°	106.8	108.1	108.1	109.4	109.4	109.4	109.4	108.1	108.1	108.1
0.0	10°	113.4	114.7	116.0	117.4	118.7	120.0	120.0	121.3	121.3	121.3
0.0	12.5°	121.3	125.3	127.9	131.9	134.5	138.4	141.1	145.0	147.7	150.3
0.0	15°	133.2	139.8	147.7	154.3	160.9	170.1	180.6	189.9	199.1	213.6
0.0	17.5°	150.3	171.4	192.5	212.3	233.4	279.5	325.7	370.5	416.7	483.9
0.0	20°	183.3	246.6	308.5	371.8	433.8	596.0	756.9	919.0	1079.9	1252.6
0.0	22.5°	257.1	412.7	568.3	723.9	879.5	1218.3	1555.9	1894.8	2232.3	2629.2
0.0	25°	373.2	659.3	945.4	1230.2	1516.3	2046.4	2577.8	3107.8	3637.9	4153.5
0.0	27.5°	543.2	981.0	1418.8	1855.2	2293.0	3011.6	3731.5	4450.1	5168.7	5751.6
0.0	30°	752.9	1346.2	1939.6	2532.9	3126.3	3943.8	4761.3	5577.5	6395.0	7031.9
0.0	32.5°	950.7	1677.2	2403.7	3128.9	3855.5	4786.4	5718.6	6649.5	7580.4	8276.6
0.0	35°	1079.9	1958.1	2837.5	3715.7	4593.9	5601.2	6608.6	7614.7	8622.1	9417.1
0.0	37.5°	1209.1	2223.1	3235.7	4249.7	5262.4	6368.6	7474.9	8581.2	9687.4	10669.8
0.0	40°	1354.2	2543.5	3731.5	4920.9	6108.9	7419.5	8728.9	10039.5	11348.8	12734.6
0.0	42.5°	1606.0	3074.9	4545.1	6013.9	7482.8	9216.7	10950.6	12683.2	14417.1	16395.0
0.0	45°	2079.4	4149.5	6221.0	8291.1	10361.2	12658.2	14956.4	17253.3	19550.3	22182.1
0.0	47.5°	3238.4	6086.5	8933.2	11781.3	14628.1	17108.3	19587.2	22067.4	24546.3	27167.6
0.0	50°	4955.1	8270.0	11584.9	14898.4	18213.2	20457.4	22700.3	24944.5	27187.3	29680.7
0.0	52.5°	6197.2	9650.5	13105.1	16558.5	20011.8	22037.1	24063.7	26089.0	28114.3	30444.2
0.0	55°	6290.8	9724.4	13159.2	16592.7	20026.3	22060.8	24095.3	26129.9	28164.4	30634.1
0.0	57.5°	5569.6	8975.4	12379.9	15785.8	19190.3	21507.0	23822.4	26139.1	28454.5	31124.6
0.0	60°	4737.6	8144.7	11550.6	14957.7	18363.6	21032.3	23702.4	26371.2	29039.9	31541.2
0.0	62.5°	3695.9	7200.6	10706.7	14211.4	17716.1	20425.8	23135.4	25843.7	28553.4	30429.7
0.0	65°	2754.5	6157.7	9560.9	12962.7	16365.9	18536.3	20706.6	22875.7	25046.0	26207.7
0.0	67.5°	1991.0	4926.1	7859.9	10795.0	13728.8	15282.1	16835.3	18387.3	19940.6	20829.3
	70°	1346.2	3379.5	5411.4	7444.6	9476.5	10752.8	12030.5	13306.9	14583.3	15783.1
	72.5°	932.2	2074.1	3217.3	4359.2	5501.0	6785.3	8068.3	9352.5	10635.5	11905.3
	75°	618.4	1137.9	1658.7	2178.3	2697.8	3648.5	4600.4	5551.1	6501.8	7258.7
	77.5°	439.1	594.7	751.6	907.2	1062.8	1240.8	1420.1	1598.1	1776.1	2046.4
	80°	208.3	228.1	247.9	266.3	286.1	350.7	415.3	480.0	544.6	613.1
	82.5°	98.9	106.8	114.7	121.3	129.2	135.8	142.4	149.0	155.6	149.0
	85°	26.4	26.4	27.7	27.7	27.7	27.7	27.7	27.7	27.7	26.4
	87.5°	11.9	11.9	11.9	11.9	11.9	11.9	11.9	10.5	10.5	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: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
76.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
229.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
549.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1426.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3026.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4669.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6334.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7670.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8974.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10212.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11653.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14120.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18372.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24813.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29788.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32174.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32774.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33105.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33794.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34041.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32307.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27370.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21719.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16981.7											
13175.0											
8015.5											
2316.7											
681.7											
141.1											
25.1											
9.2											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
0.0	2.5°	85.7	84.4	83.1	81.8	80.4	77.8	77.8	76.5	76.5
0.0	5°	93.6	92.3	91.0	89.7	89.7	88.3	87.0	87.0	85.7
0.0	7.5°	106.8	105.5	104.2	102.8	102.8	101.5	101.5	100.2	100.2
0.0	10°	122.6	122.6	122.6	122.6	122.6	121.3	121.3	121.3	120.0
0.0	12.5°	154.3	155.6	158.2	160.9	164.8	164.8	164.8	163.5	163.5
0.0	15°	243.9	258.4	269.0	279.5	288.8	309.9	307.2	303.3	300.6
0.0	17.5°	617.1	683.0	718.6	752.9	788.5	886.1	870.2	854.4	839.9
0.0	20°	1599.4	1772.1	1886.9	2001.6	2117.6	2300.9	2256.1	2211.2	2166.4
0.0	22.5°	3421.7	3818.5	3991.3	4164.0	4335.4	4556.9	4413.2	4269.5	4127.1
0.0	25°	5183.3	5698.8	5990.2	6281.6	6571.7	6698.3	6511.0	6322.5	6135.3
0.0	27.5°	6917.2	7500.0	7757.1	8012.9	8270.0	8535.0	8303.0	8069.6	7837.5
0.0	30°	8306.9	8943.8	9222.0	9498.9	9777.1	9961.7	9721.7	9480.4	9240.5
0.0	32.5°	9670.3	10366.5	10671.1	10975.7	11278.9	11544.0	11248.6	10951.9	10656.6
0.0	35°	11006.0	11801.1	12220.4	12639.7	13059.0	13305.6	12954.8	12602.8	12252.0
0.0	37.5°	12635.7	13618.1	14087.5	14556.9	15026.3	15475.9	15089.6	14701.9	14315.6
0.0	40°	15506.2	16892.0	17612.0	18333.2	19053.2	19633.3	19145.5	18657.6	18169.7
0.0	42.5°	20350.6	22328.5	23363.5	24397.3	25432.3	26338.2	25825.3	25312.4	24799.4
0.0	45°	27445.8	30077.6	31339.5	32600.0	33861.9	34523.8	33785.4	33045.7	32307.3
0.0	47.5°	32408.8	35030.1	36153.5	37277.0	38400.4	39155.9	38252.7	37349.5	36447.6
0.0	50°	34666.2	37159.6	38287.0	39413.0	40540.4	41140.3	40097.3	39053.1	38010.1
0.0	52.5°	35102.7	37432.5	38777.5	40123.7	41468.6	42270.3	41038.8	39805.9	38574.4
0.0	55°	35574.7	38044.4	39604.2	41165.4	42725.2	43835.5	42443.1	41049.3	39657.0
0.0	57.5°	36463.4	39133.5	40689.4	42244.0	43799.9	44742.6	43346.3	41948.6	40552.3
0.0	60°	36542.5	39042.5	40379.5	41717.9	43054.9	43648.2	42312.5	40975.5	39639.8
0.0	62.5°	34183.6	36059.9	36988.2	37916.5	38844.7	39489.5	38095.8	36700.7	35307.0
0.0	65°	28532.3	29693.9	30433.6	31173.3	31913.1	32681.8	31405.4	30129.1	28852.7
0.0	67.5°	22608.0	23496.7	24471.1	25445.5	26419.9	27241.4	26219.5	25196.3	24174.4
	70°	18181.6	19380.2	20475.9	21571.6	22667.3	23339.8	22314.0	21286.8	20261.0
	72.5°	14444.8	15714.6	16629.7	17543.4	18458.5	18623.3	17869.1	17114.9	16362.0
	75°	8771.0	9527.9	9546.4	9563.5	9582.0	9738.9	9113.9	8488.9	7865.2
	77.5°	2587.0	2857.3	3080.2	3301.7	3524.5	3793.5	3564.1	3333.3	3103.9
	80°	748.9	817.5	875.5	932.2	990.2	956.0	901.9	847.8	793.8
	82.5°	134.5	126.6	125.3	123.9	123.9	117.4	106.8	96.3	85.7
	85°	23.7	22.4	21.1	19.8	18.5	17.1	14.5	13.2	10.5
	87.5°	7.9	6.6	5.3	4.0	4.0	1.3	1.3	1.3	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049335

CATALOG NUMBER: GALN-SA5C-930-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°	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
0.0	0.0	2.5°	75.2	73.8	73.8	73.8	73.8	72.5	72.5	72.5	72.5
0.0	0.0	5°	83.1	83.1	81.8	81.8	80.4	80.4	79.1	79.1	77.8
0.0	0.0	7.5°	97.6	96.3	94.9	93.6	92.3	89.7	88.3	87.0	87.0
0.0	0.0	10°	117.4	114.7	113.4	110.8	109.4	106.8	104.2	101.5	98.9
0.0	0.0	12.5°	154.3	149.0	145.0	139.8	134.5	130.5	125.3	121.3	116.0
0.0	0.0	15°	267.7	254.5	240.0	222.8	204.4	187.2	168.8	158.2	146.4
0.0	0.0	17.5°	684.3	615.8	545.9	489.2	432.5	377.1	320.4	279.5	238.7
0.0	0.0	20°	1741.8	1551.9	1362.1	1174.8	986.3	799.0	610.5	515.6	420.6
0.0	0.0	22.5°	3277.9	2925.9	2572.5	2231.0	1888.2	1546.7	1205.2	990.2	776.6
0.0	0.0	25°	5059.3	4616.3	4173.2	3611.5	3048.5	2486.8	1925.1	1575.7	1226.3
0.0	0.0	27.5°	6583.6	6073.3	5563.0	4880.0	4197.0	3514.0	2830.9	2310.1	1790.6
0.0	0.0	30°	7903.4	7354.9	6806.4	6011.3	5216.2	4421.1	3626.0	2974.7	2323.3
0.0	0.0	32.5°	9047.9	8391.3	7734.7	6914.5	6094.4	5274.2	4454.1	3655.0	2856.0
0.0	0.0	35°	10367.8	9601.7	8834.3	7924.5	7013.4	6103.6	5193.8	4291.9	3388.7
0.0	0.0	37.5°	12045.0	11104.9	10163.4	9149.5	8135.5	7122.9	6108.9	5077.8	4046.7
0.0	0.0	40°	15255.7	14042.6	12829.6	11541.3	10251.8	8963.6	7675.3	6409.5	5143.7
0.0	0.0	42.5°	21008.6	19369.6	17730.6	16016.5	14301.1	12587.0	10871.5	9086.2	7299.5
0.0	0.0	45°	27501.2	25467.9	23433.4	21509.6	19584.5	17660.8	15737.0	13287.1	10837.2
0.0	0.0	47.5°	31152.3	28956.9	26761.5	24940.5	23119.6	21298.7	19477.7	16836.7	14195.6
0.0	0.0	50°	32495.9	30260.9	28026.0	26350.1	24672.9	22997.0	21319.8	18674.7	16028.4
0.0	0.0	52.5°	32782.0	30502.2	28222.4	26536.0	24849.5	23164.4	21478.0	18850.1	16222.2
0.0	0.0	55°	33370.1	30924.1	28476.9	26554.4	24632.0	22709.5	20787.1	18117.0	15446.9
0.0	0.0	57.5°	34138.8	31630.9	29123.0	26932.9	24742.7	22553.9	20363.8	17444.5	14525.2
0.0	0.0	60°	33937.0	31754.8	29571.3	27225.6	24878.6	22532.8	20185.8	16975.1	13763.1
0.0	0.0	62.5°	30435.0	28697.1	26957.9	25028.9	23098.5	21169.4	19240.4	15934.8	12629.1
0.0	0.0	65°	25038.1	23769.6	22501.2	20949.2	19396.0	17844.0	16292.1	13328.0	10365.2
0.0	0.0	67.5°	20292.6	18863.3	17432.7	16195.8	14957.7	13720.9	12482.8	10150.3	7817.7
		70°	16122.0	14567.4	13011.5	11803.7	10594.6	9386.8	8179.0	6628.4	5079.1
		72.5°	12803.2	11401.6	9999.9	8711.7	7422.2	6133.9	4844.4	3928.0	3011.6
		75°	6119.4	5559.0	4998.7	4324.9	3651.1	2977.3	2303.5	1904.0	1505.8
		77.5°	2267.9	1966.0	1662.7	1388.4	1114.2	841.2	567.0	519.5	472.0
		80°	586.8	511.6	435.1	381.1	325.7	271.6	217.6	196.5	176.7
		82.5°	67.2	62.0	58.0	55.4	51.4	48.8	44.8	40.9	36.9
		85°	4.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049335

CATALOG NUMBER: GALN-SA5C-930-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	76.5	76.5
0.0	0.0	2.5°	71.2	69.9
0.0	0.0	5°	75.2	73.8
0.0	0.0	7.5°	83.1	80.4
0.0	0.0	10°	91.0	88.3
0.0	0.0	12.5°	102.8	98.9
0.0	0.0	15°	116.0	108.1
0.0	0.0	17.5°	138.4	121.3
0.0	0.0	20°	187.2	143.7
0.0	0.0	22.5°	263.7	179.3
0.0	0.0	25°	387.7	247.9
0.0	0.0	27.5°	539.3	329.6
0.0	0.0	30°	717.3	412.7
0.0	0.0	32.5°	874.2	491.8
0.0	0.0	35°	1078.6	572.3
0.0	0.0	37.5°	1330.4	675.1
0.0	0.0	40°	1720.7	830.7
0.0	0.0	42.5°	2423.5	1118.1
0.0	0.0	45°	3935.9	1933.0
0.0	0.0	47.5°	6056.1	3197.5
0.0	0.0	50°	7409.0	4080.9
0.0	0.0	52.5°	7519.7	4074.3
0.0	0.0	55°	6864.4	3622.1
0.0	0.0	57.5°	5857.0	3027.4
0.0	0.0	60°	4868.1	2394.5
0.0	0.0	62.5°	3835.7	1653.5
0.0	0.0	65°	2803.3	1169.6
0.0	0.0	67.5°	2013.4	874.2
		70°	1323.8	669.8
		72.5°	862.3	545.9
		75°	580.2	452.3
		77.5°	338.9	300.6
		80°	120.0	105.5
		82.5°	22.4	15.8
		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: P1049335

CATALOG NUMBER: GALN-SA5C-930-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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

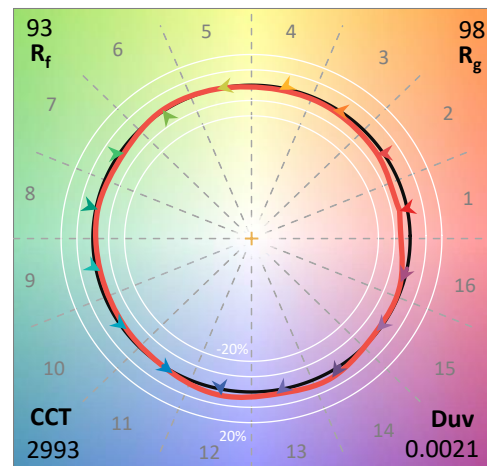
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-14
 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-930-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2993
 CIE u' : 0.2501
 CIE v' : 0.5245
 Duv: 0.0021
 CIE x: 0.4406
 CIE y: 0.4107
 CIE z: 0.1487
 Peak Wavelength (nm): 621
 Dominant Wavelength (nm): 582
 Purity: 55.53327
 R_f: 92.6
 R_g: 98.5

CRI (Ra): 92.4
 R1: 92.2
 R2: 95.2
 R3: 97.0
 R4: 93.1
 R5: 91.7
 R6: 94.2
 R7: 93.3
 R8: 82.3
 R9: 58.2
 R10: 87.7
 R11: 93.5
 R12: 81.7
 R13: 92.9
 R14: 97.6
 R15: 88.1



Test Conditions

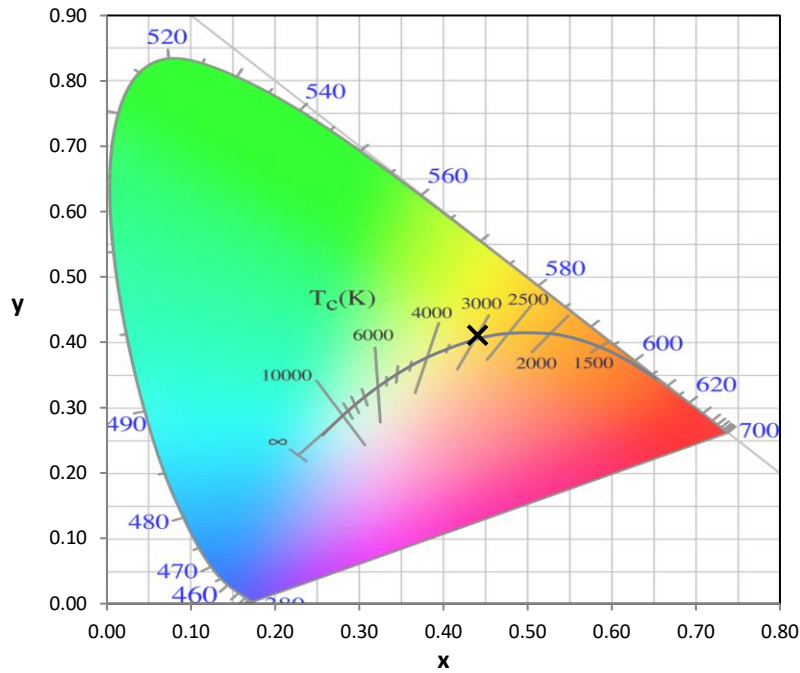
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

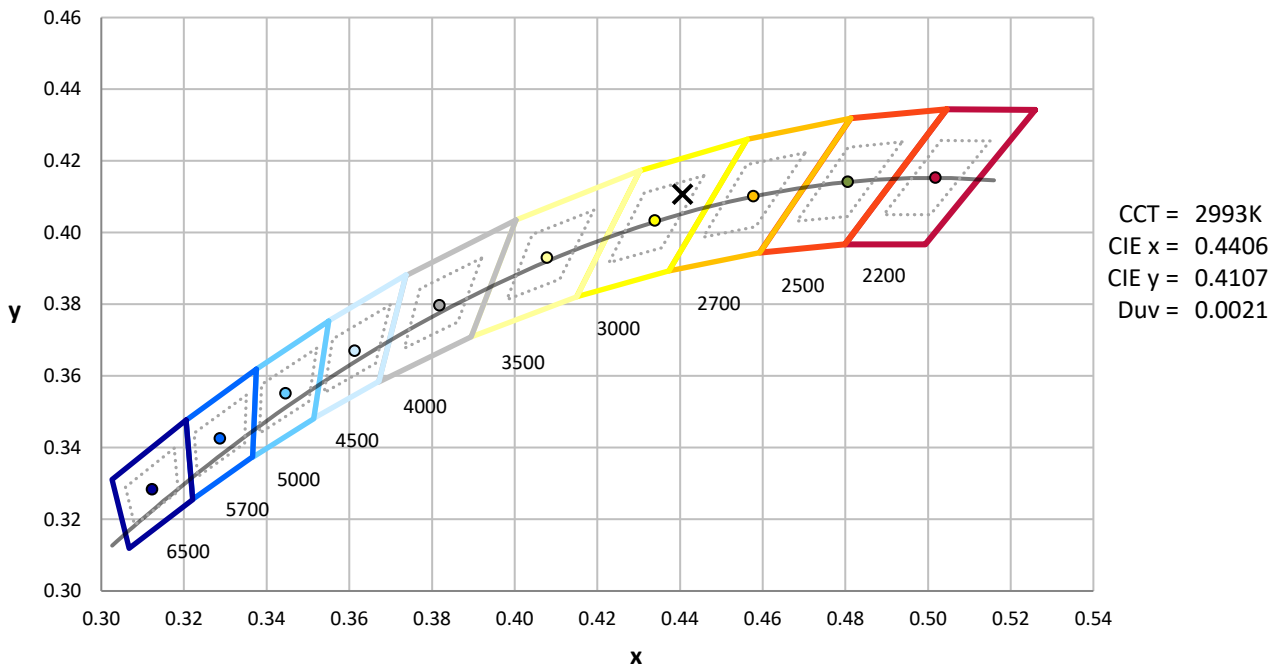
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



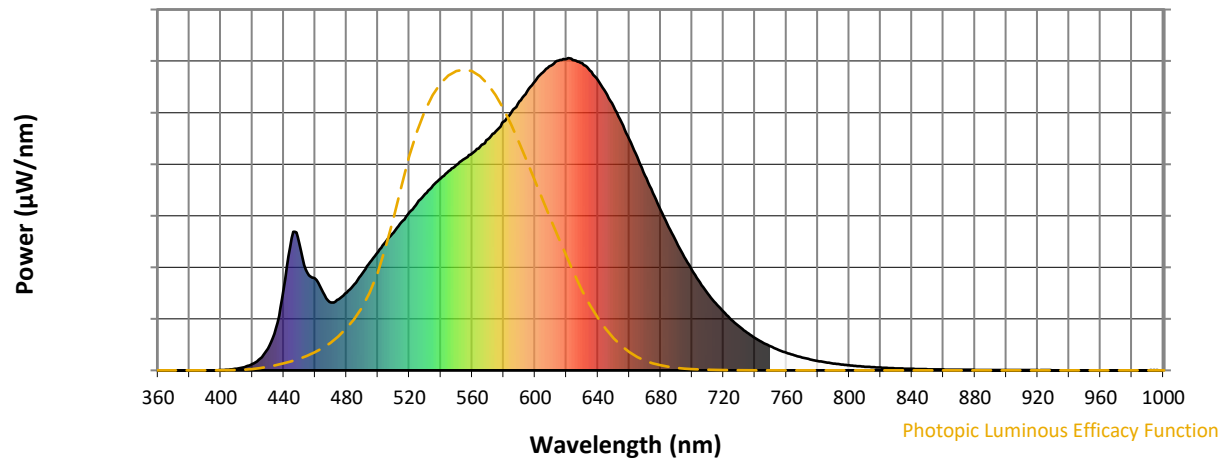
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

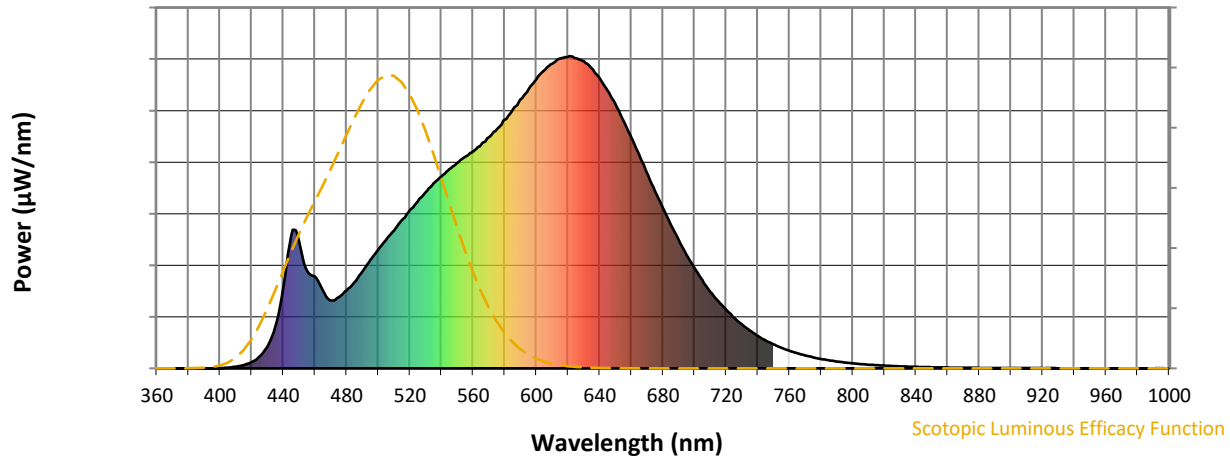


Photopic Lumens: NR

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength



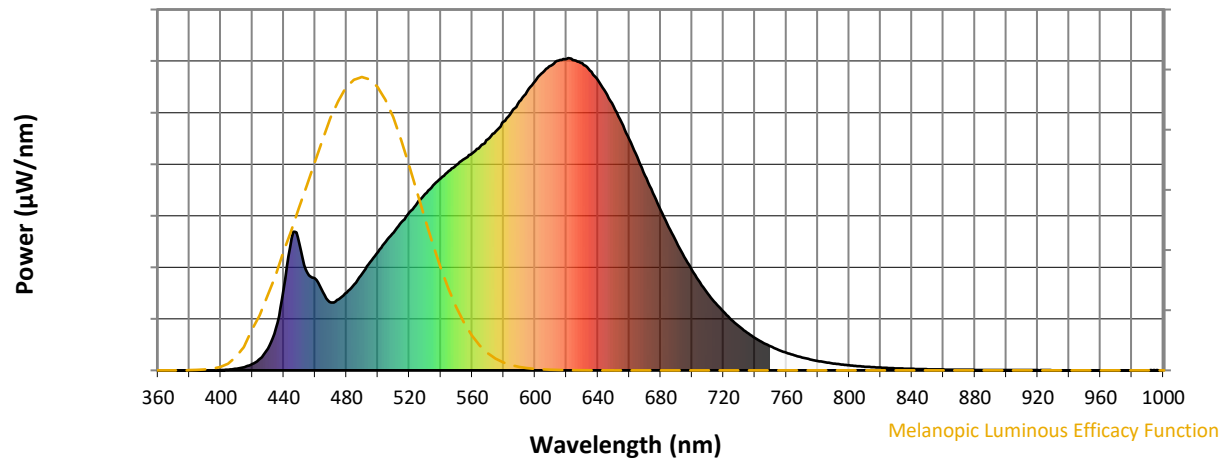
Scotopic Lumens: NR

S/P: 1.39

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

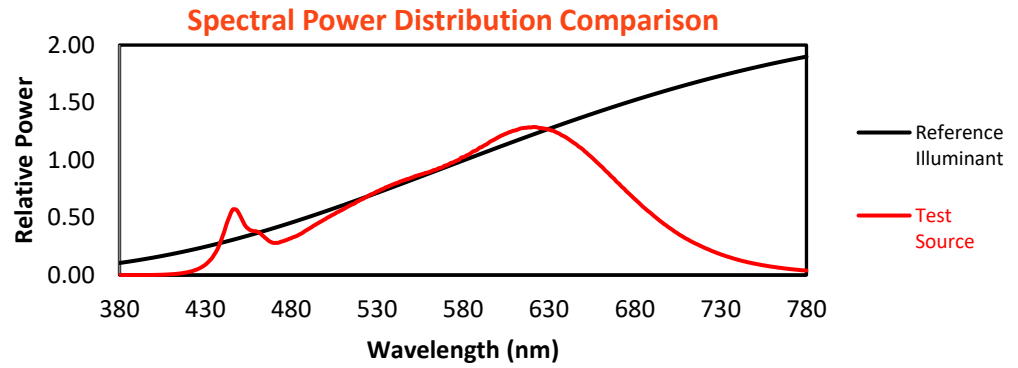
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

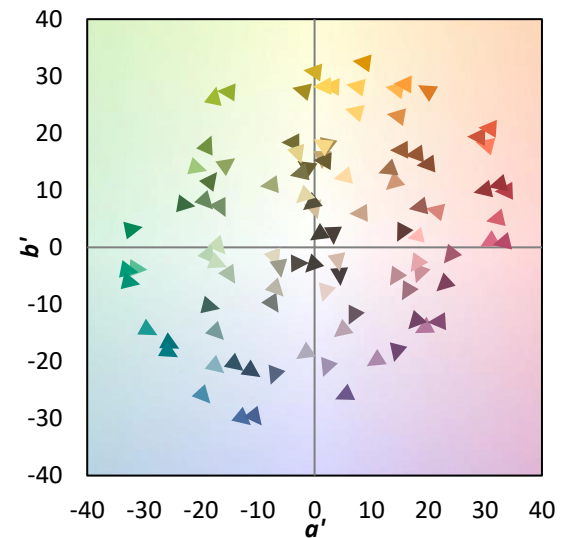
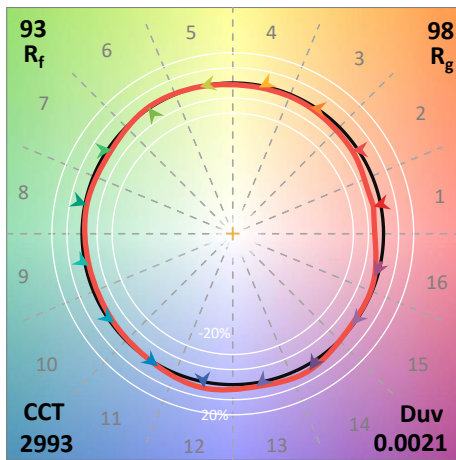
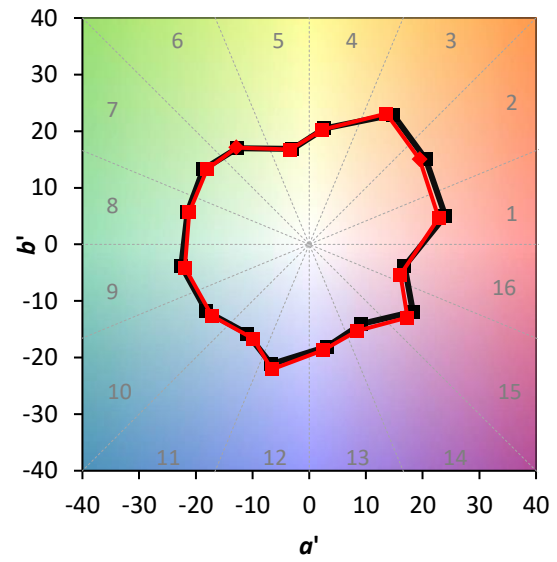
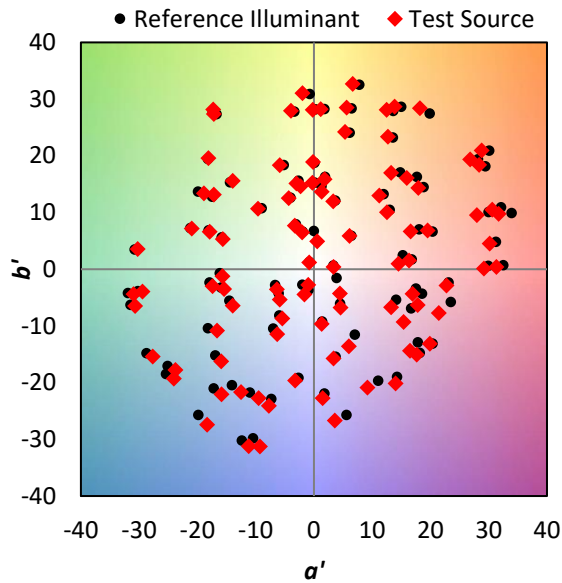
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $\text{CIE } R_a = 92.4$
 $R_9 = 58.2$

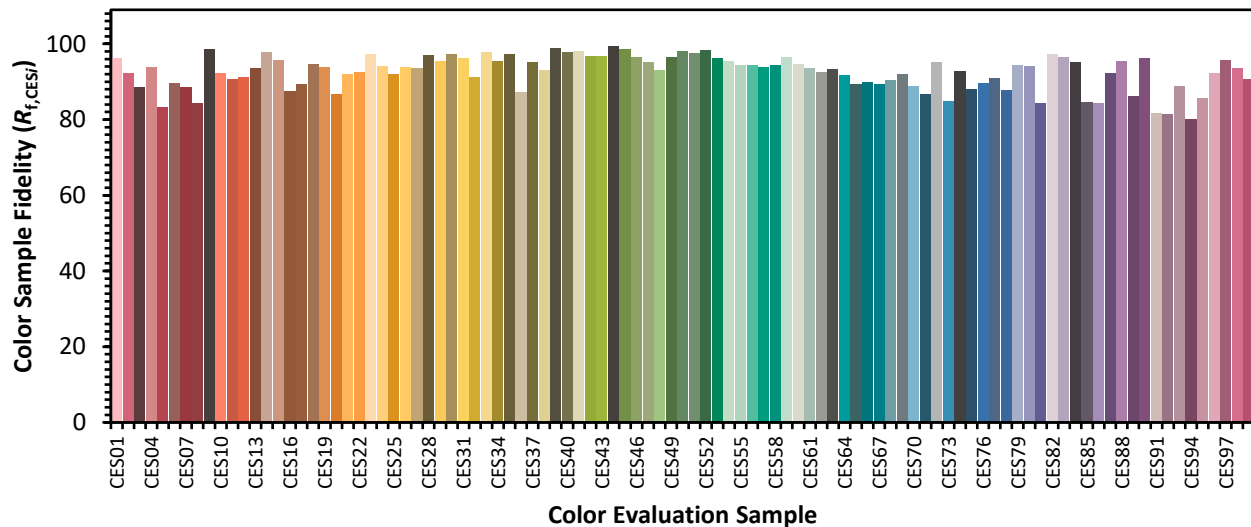


Color Vector Graphics

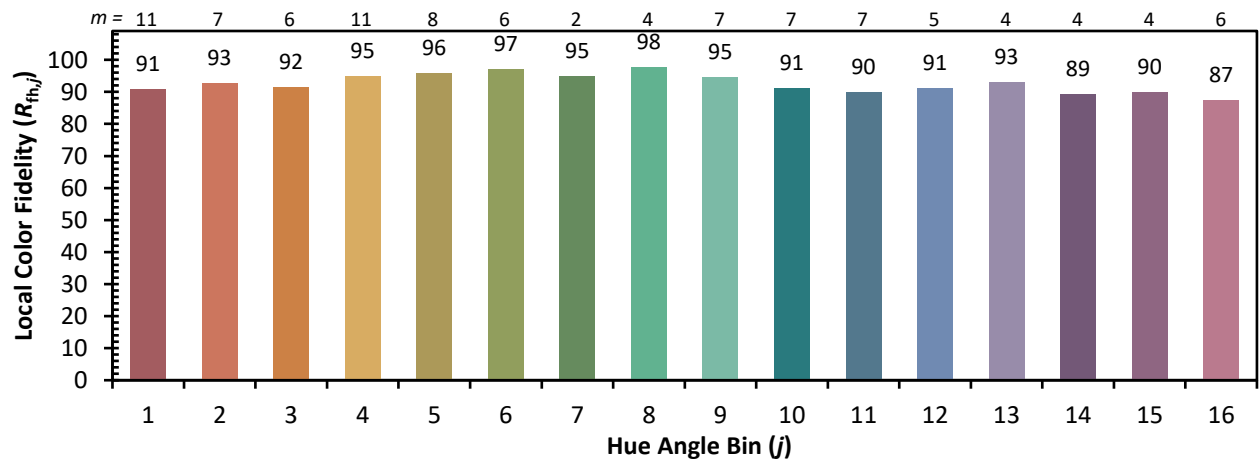
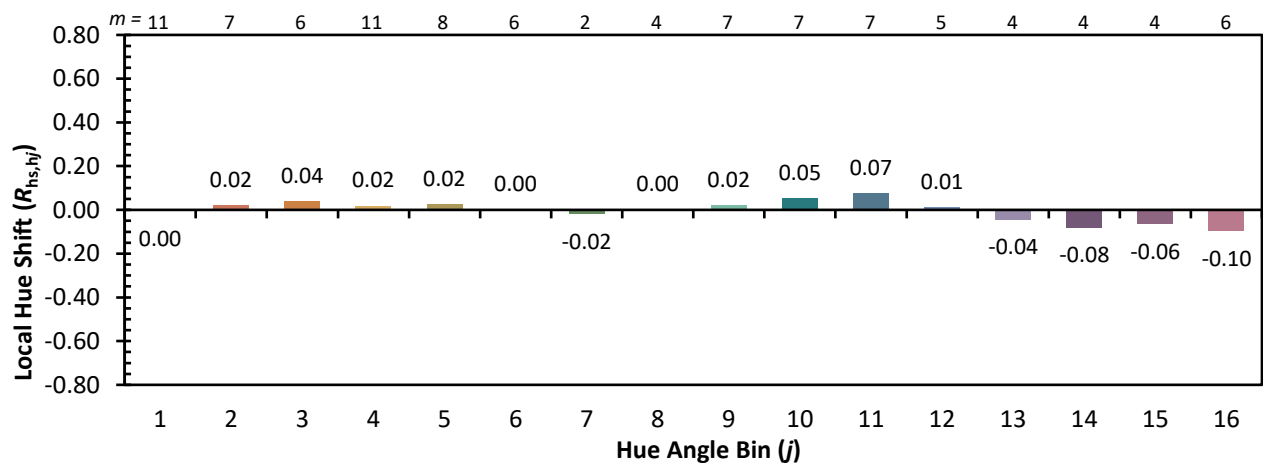
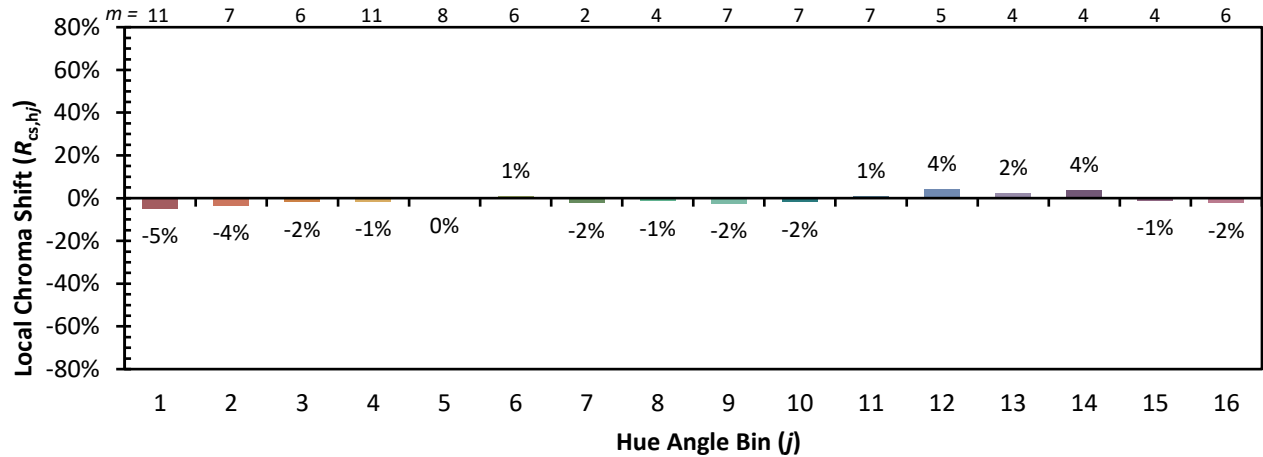


Individual Sample Fidelity Index ($R_{f,i}$)

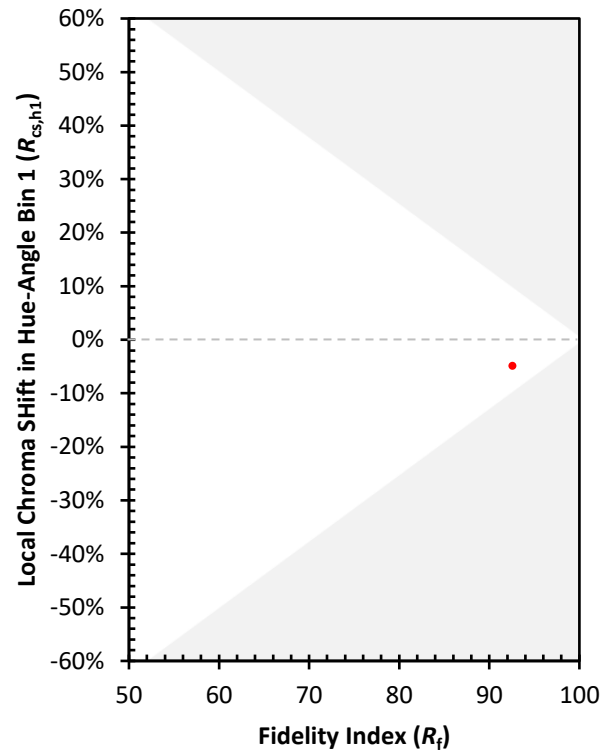
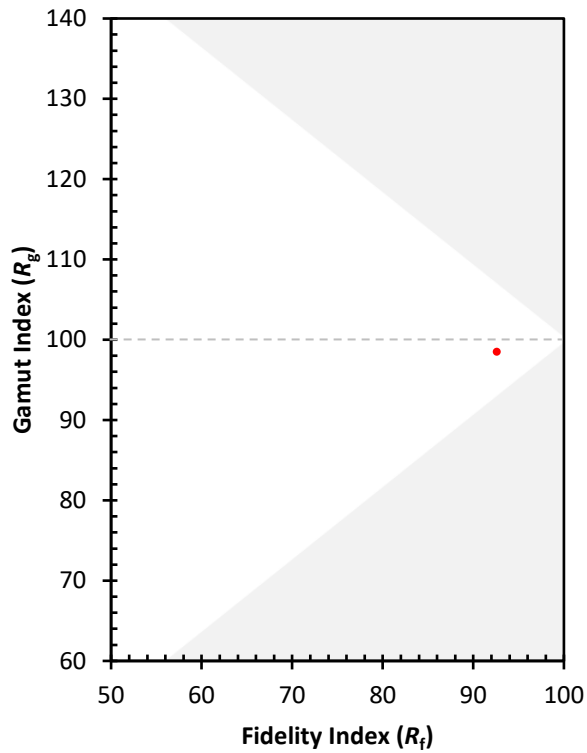
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)