

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: P1049403

Luminaire Tested: **GALN-SA4C-940-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049403
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4C-940-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
90CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14998.7 lumens
Efficiency: N/A
Efficacy: 78.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

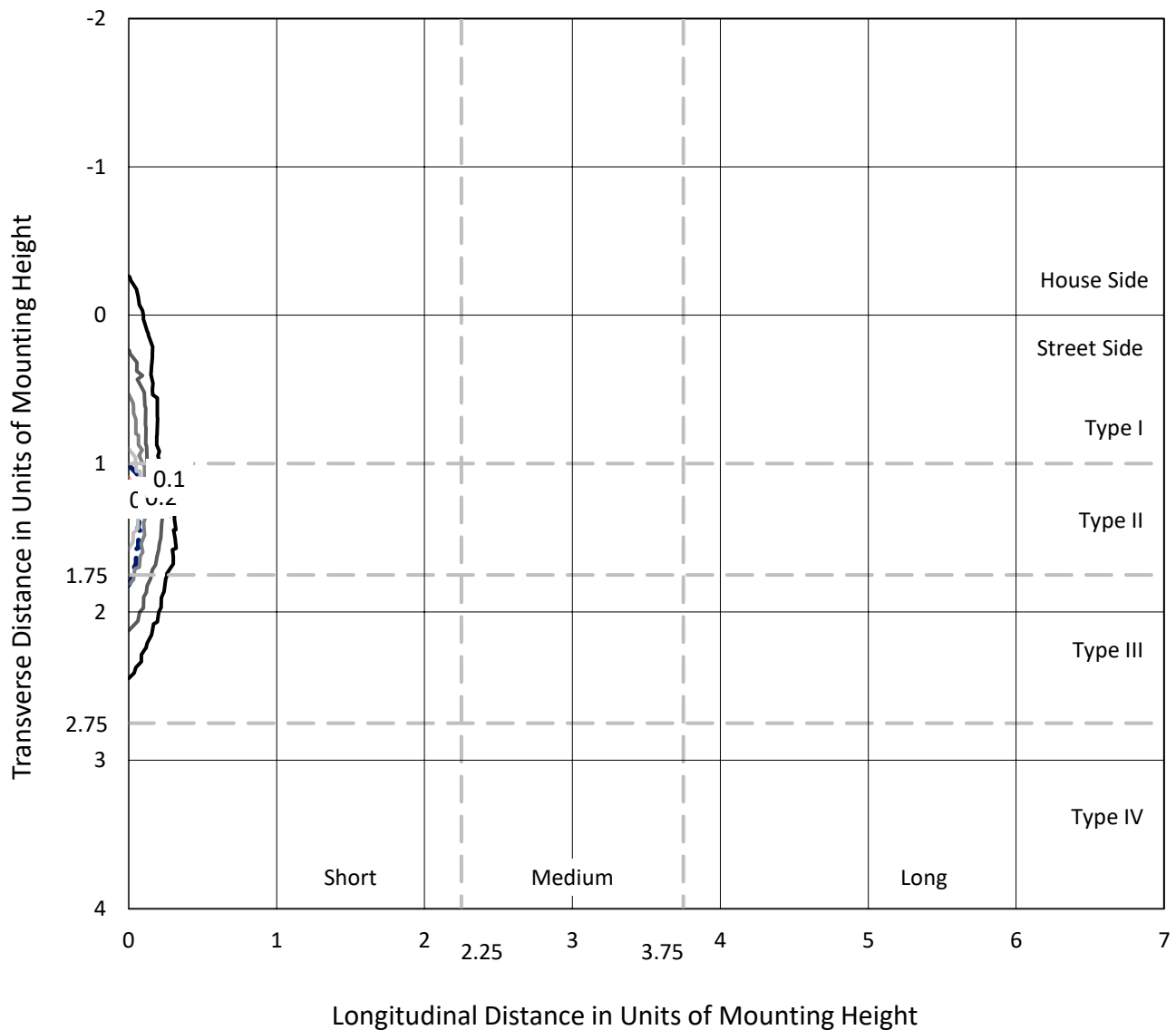
Input Watts (W): 190.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

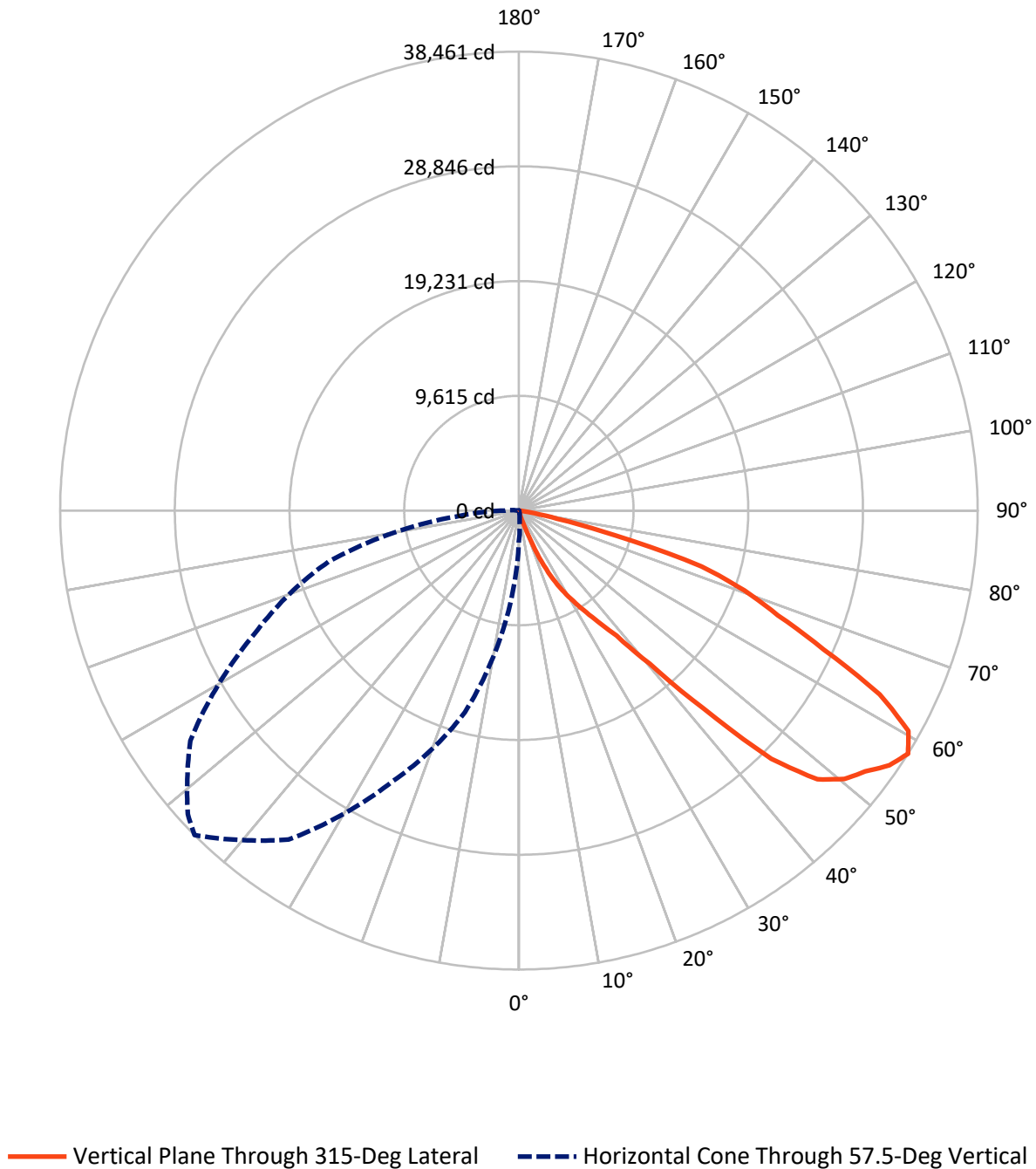
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.2 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	75.1	0.0	75.1
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	14923.6	0.0	14923.6
	% Fixture	99.5	0.0	99.5
Total	Lumens	14998.7	0.0	14998.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.9	0.0
10°-20°	33.0	0.2
20°-30°	355.4	2.4
30°-40°	1051.1	7.0
40°-50°	3132.6	20.9
50°-60°	4967.2	33.1
60°-70°	4146.4	27.6
70°-80°	1278.6	8.5
80°-90°	28.4	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°	14998.7	100.0
0°-180°	14998.7	100.0



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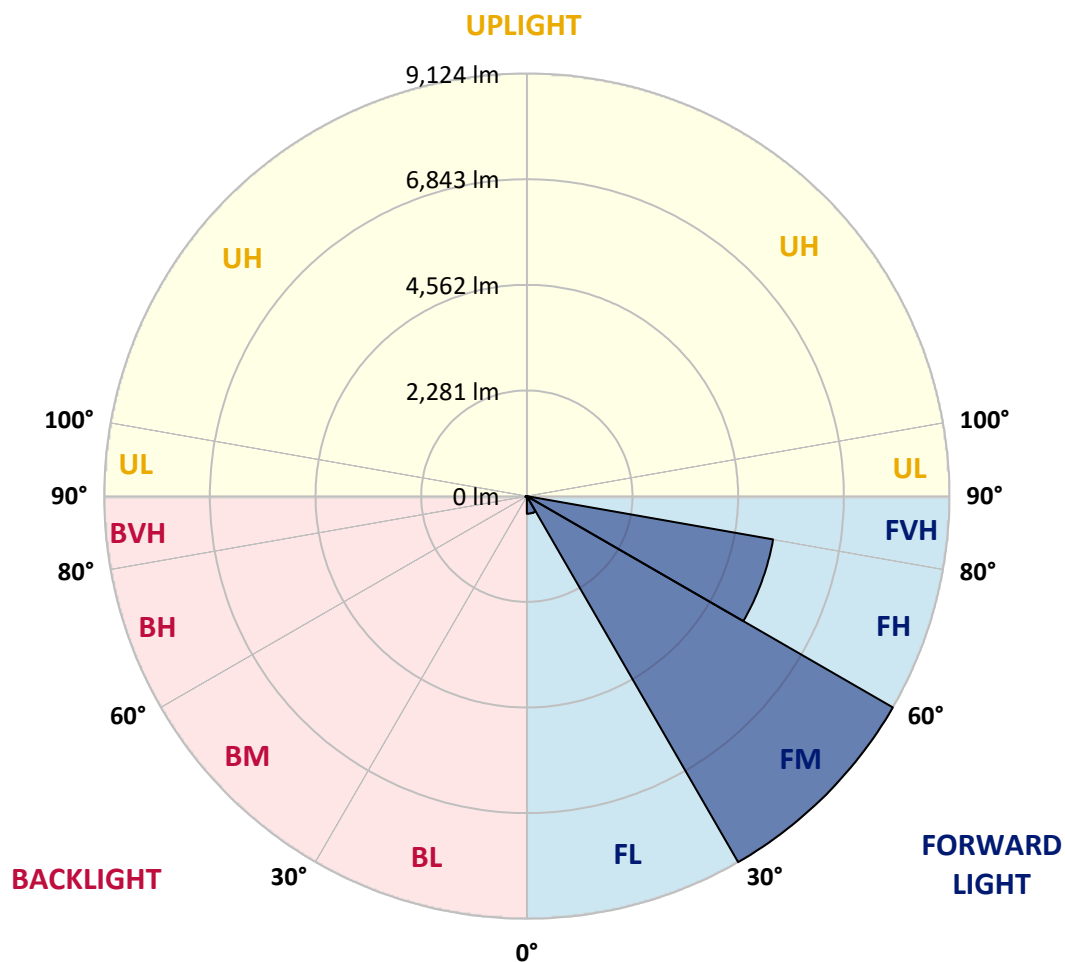
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	380.5	2.5			
FM	(30°-60°)	9124.1	60.8			
FH	(60°-80°)	5397.0	36.0			G3/7500
FVH	(80°-90°)	22.0	0.1			G1/100
BL	(0°-30°)	13.8	0.1	B0/110		
BM	(30°-60°)	26.8	0.2	B0/220		
BH	(60°-80°)	28.0	0.2	B0/110		G0/110
BVH	(80°-90°)	6.5	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



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
2.5°	60.1	60.1	60.1	60.1	58.9	58.9	57.8	57.8	56.7	56.7
5°	63.5	63.5	62.3	61.2	61.2	60.1	58.9	57.8	57.8	56.7
7.5°	69.1	68.0	66.9	65.7	63.5	62.3	60.1	58.9	57.8	55.5
10°	75.9	73.7	71.4	69.1	66.9	64.6	62.3	61.2	58.9	57.8
12.5°	85.0	81.6	77.1	73.7	71.4	68.0	65.7	63.5	60.1	57.8
15°	92.9	88.4	82.7	78.2	74.8	70.3	66.9	63.5	61.2	57.8
17.5°	104.3	96.3	87.3	81.6	77.1	71.4	65.7	62.3	58.9	54.4
20°	123.5	107.7	90.7	83.9	77.1	70.3	63.5	58.9	55.5	51.0
22.5°	154.1	126.9	99.7	89.5	80.5	70.3	61.2	56.7	52.1	47.6
25°	213.1	164.3	115.6	102.0	88.4	74.8	61.2	55.5	51.0	45.3
27.5°	283.4	210.8	137.1	117.9	99.7	80.5	61.2	54.4	48.7	41.9
30°	354.8	258.4	160.9	136.0	111.1	86.1	61.2	53.3	46.5	38.5
32.5°	422.8	302.6	181.4	151.9	122.4	91.8	62.3	53.3	44.2	35.1
35°	491.9	338.9	184.8	154.1	123.5	91.8	61.2	51.0	41.9	31.7
37.5°	580.3	379.7	177.9	147.3	117.9	87.3	57.8	48.7	39.7	29.5
40°	714.1	447.7	181.4	149.6	117.9	86.1	54.4	45.3	37.4	28.3
42.5°	961.2	579.2	196.1	159.8	123.5	86.1	49.9	41.9	35.1	27.2
45°	1661.6	962.3	263.0	208.6	154.1	99.7	45.3	38.5	32.9	26.1
47.5°	2748.6	1610.6	472.6	365.0	258.4	150.7	44.2	38.5	32.9	26.1
50°	3508.0	2051.5	595.1	457.9	320.8	183.6	46.5	39.7	34.0	27.2
52.5°	3502.3	2083.3	663.1	508.9	355.9	201.8	48.7	41.9	36.3	29.5
55°	3113.6	1895.1	675.5	519.1	363.8	207.4	52.1	45.3	38.5	31.7
57.5°	2602.4	1609.5	616.6	477.2	338.9	199.5	60.1	52.1	45.3	37.4
60°	2058.3	1269.5	480.6	379.7	280.0	179.1	79.3	69.1	60.1	49.9
62.5°	1421.3	920.4	419.4	336.6	255.0	172.3	90.7	80.5	71.4	61.2
65°	1005.4	692.5	378.6	308.3	239.2	168.9	98.6	87.3	77.1	65.7
67.5°	751.5	550.9	349.1	289.0	229.0	168.9	108.8	95.2	82.7	69.1
70°	575.8	452.2	327.6	278.8	231.2	182.5	133.7	114.5	96.3	77.1
72.5°	469.2	386.5	302.6	267.5	232.4	197.2	162.1	137.1	112.2	86.1
75°	388.8	331.0	273.2	243.7	215.4	185.9	156.4	133.7	112.2	89.5
77.5°	258.4	235.8	212.0	195.0	177.9	159.8	142.8	123.5	105.4	86.1
80°	90.7	87.3	83.9	90.7	97.5	104.3	111.1	97.5	85.0	71.4
82.5°	13.6	12.5	11.3	12.5	13.6	14.7	15.9	17.0	18.1	19.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
0.0	2.5°	55.5	55.5	54.4	54.4	54.4	53.3	53.3	52.1	52.1	52.1
0.0	5°	54.4	54.4	53.3	52.1	51.0	51.0	49.9	48.7	48.7	47.6
0.0	7.5°	53.3	52.1	51.0	49.9	48.7	47.6	46.5	45.3	45.3	44.2
0.0	10°	54.4	52.1	51.0	48.7	47.6	46.5	44.2	43.1	41.9	41.9
0.0	12.5°	52.1	51.0	48.7	46.5	45.3	43.1	41.9	39.7	38.5	38.5
0.0	15°	52.1	49.9	46.5	44.2	41.9	40.8	38.5	36.3	35.1	34.0
0.0	17.5°	48.7	46.5	43.1	40.8	38.5	36.3	34.0	31.7	30.6	29.5
0.0	20°	44.2	41.9	38.5	35.1	32.9	30.6	28.3	26.1	24.9	23.8
0.0	22.5°	39.7	37.4	34.0	30.6	28.3	26.1	22.7	20.4	19.3	17.0
0.0	25°	37.4	34.0	30.6	27.2	23.8	21.5	18.1	14.7	12.5	10.2
0.0	27.5°	31.7	28.3	24.9	21.5	18.1	14.7	11.3	7.9	5.7	4.5
0.0	30°	27.2	23.8	20.4	17.0	12.5	9.1	5.7	1.1	1.1	1.1
0.0	32.5°	22.7	19.3	14.7	11.3	9.1	5.7	3.4	0.0	0.0	0.0
0.0	35°	18.1	14.7	10.2	6.8	5.7	3.4	2.3	0.0	0.0	0.0
0.0	37.5°	15.9	12.5	7.9	3.4	2.3	2.3	1.1	0.0	0.0	0.0
0.0	40°	14.7	10.2	5.7	1.1	1.1	1.1	0.0	0.0	0.0	0.0
0.0	42.5°	14.7	10.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	14.7	10.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	14.7	10.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	15.9	11.3	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	18.1	13.6	9.1	4.5	3.4	2.3	1.1	0.0	0.0	0.0
0.0	55°	22.7	20.4	17.0	14.7	11.3	7.9	3.4	0.0	0.0	0.0
0.0	57.5°	29.5	29.5	28.3	27.2	20.4	13.6	6.8	0.0	0.0	0.0
0.0	60°	39.7	39.7	39.7	39.7	29.5	20.4	10.2	0.0	0.0	0.0
0.0	62.5°	48.7	46.5	43.1	40.8	30.6	20.4	10.2	0.0	0.0	0.0
0.0	65°	48.7	44.2	38.5	32.9	24.9	17.0	7.9	0.0	0.0	0.0
0.0	67.5°	45.3	36.3	26.1	17.0	12.5	9.1	4.5	0.0	0.0	0.0
	70°	45.3	31.7	18.1	4.5	3.4	2.3	1.1	0.0	0.0	0.0
	72.5°	45.3	30.6	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	49.9	34.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	49.9	34.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	44.2	29.5	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	14.7	10.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
0.0	2.5°	51.0	51.0	51.0	49.9	49.9	49.9	49.9	48.7	48.7	48.7
0.0	5°	46.5	46.5	45.3	45.3	44.2	44.2	43.1	43.1	41.9	41.9
0.0	7.5°	43.1	41.9	41.9	40.8	39.7	39.7	38.5	38.5	37.4	36.3
0.0	10°	39.7	38.5	38.5	37.4	36.3	35.1	35.1	34.0	32.9	31.7
0.0	12.5°	36.3	35.1	34.0	32.9	31.7	30.6	30.6	29.5	28.3	27.2
0.0	15°	31.7	30.6	29.5	28.3	27.2	26.1	26.1	24.9	23.8	22.7
0.0	17.5°	27.2	26.1	26.1	24.9	23.8	22.7	21.5	19.3	18.1	17.0
0.0	20°	20.4	19.3	18.1	17.0	15.9	13.6	12.5	10.2	7.9	6.8
0.0	22.5°	13.6	11.3	10.2	7.9	5.7	4.5	3.4	1.1	0.0	0.0
0.0	25°	4.5	3.4	2.3	1.1	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: P1049403

CATALOG NUMBER: GALN-SA4C-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049403

CATALOG NUMBER: GALN-SA4C-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°	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
0.0	2.5°	47.6	47.6	47.6	46.5	46.5	46.5	46.5	46.5	46.5	46.5
0.0	5°	40.8	40.8	40.8	39.7	39.7	38.5	38.5	38.5	37.4	37.4
0.0	7.5°	35.1	34.0	34.0	32.9	32.9	31.7	31.7	31.7	30.6	30.6
0.0	10°	29.5	28.3	28.3	27.2	27.2	26.1	26.1	24.9	24.9	23.8
0.0	12.5°	26.1	24.9	23.8	22.7	22.7	21.5	20.4	20.4	19.3	18.1
0.0	15°	20.4	19.3	18.1	17.0	15.9	14.7	13.6	13.6	12.5	11.3
0.0	17.5°	13.6	11.3	10.2	9.1	9.1	7.9	6.8	5.7	4.5	3.4
0.0	20°	3.4	2.3	1.1	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: P1049403

CATALOG NUMBER: GALN-SA4C-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049403

CATALOG NUMBER: GALN-SA4C-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°	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
0.0	2.5°	46.5	45.3	45.3	45.3	46.5	46.5	46.5	46.5	46.5	46.5
0.0	5°	37.4	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
0.0	7.5°	30.6	29.5	29.5	29.5	29.5	28.3	28.3	28.3	28.3	28.3
0.0	10°	23.8	22.7	22.7	22.7	22.7	21.5	21.5	21.5	21.5	21.5
0.0	12.5°	17.0	17.0	15.9	15.9	15.9	14.7	14.7	14.7	14.7	13.6
0.0	15°	10.2	9.1	7.9	7.9	7.9	6.8	6.8	6.8	6.8	5.7
0.0	17.5°	2.3	2.3	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA4C-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049403

CATALOG NUMBER: GALN-SA4C-940-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
0.0	2.5°	47.6	47.6	48.7	48.7	49.9	52.1	53.3	54.4	56.7	58.9
0.0	5°	37.4	38.5	38.5	39.7	40.8	41.9	43.1	44.2	46.5	48.7
0.0	7.5°	29.5	29.5	30.6	30.6	31.7	34.0	35.1	36.3	38.5	41.9
0.0	10°	22.7	22.7	23.8	23.8	24.9	27.2	28.3	29.5	31.7	35.1
0.0	12.5°	14.7	15.9	15.9	17.0	18.1	20.4	21.5	22.7	24.9	27.2
0.0	15°	6.8	7.9	7.9	9.1	10.2	12.5	13.6	14.7	17.0	20.4
0.0	17.5°	1.1	1.1	2.3	2.3	3.4	4.5	5.7	6.8	10.2	12.5
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	4.5
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA4C-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049403

CATALOG NUMBER: GALN-SA4C-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°	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
0.0	2.5°	62.3	64.6	66.9	69.1	71.4	73.7	74.8	77.1	78.2	79.3
0.0	5°	53.3	55.5	58.9	61.2	63.5	65.7	68.0	69.1	70.3	71.4
0.0	7.5°	46.5	48.7	52.1	54.4	56.7	58.9	61.2	63.5	64.6	65.7
0.0	10°	39.7	43.1	45.3	48.7	51.0	53.3	55.5	57.8	60.1	61.2
0.0	12.5°	31.7	35.1	38.5	40.8	44.2	47.6	49.9	52.1	54.4	56.7
0.0	15°	24.9	28.3	31.7	34.0	37.4	40.8	44.2	46.5	48.7	51.0
0.0	17.5°	18.1	21.5	24.9	27.2	30.6	34.0	36.3	39.7	41.9	44.2
0.0	20°	9.1	12.5	15.9	19.3	22.7	26.1	28.3	31.7	34.0	36.3
0.0	22.5°	1.1	4.5	7.9	10.2	13.6	17.0	19.3	22.7	24.9	27.2
0.0	25°	0.0	1.1	3.4	4.5	5.7	7.9	10.2	12.5	14.7	17.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.1	2.3	4.5	6.8	9.1
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
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	1.1
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	2.3
	85°	0.0	0.0	0.0	0.0	0.0	2.3	3.4	5.7	6.8	7.9
	87.5°	0.0	1.1	2.3	3.4	4.5	6.8	9.1	11.3	12.5	13.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049403

CATALOG NUMBER: GALN-SA4C-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
65.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	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											
1.1											
4.5											
10.2											
14.7											
0.0											
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REPORT NUMBER: P1049403

CATALOG NUMBER: GALN-SA4C-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°	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
0.0	2.5°	80.5	80.5	80.5	80.5	79.3	79.3	79.3	78.2	78.2	77.1
0.0	5°	73.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	73.7	73.7
0.0	7.5°	68.0	69.1	70.3	70.3	71.4	71.4	71.4	70.3	70.3	69.1
0.0	10°	64.6	65.7	65.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9
0.0	12.5°	60.1	61.2	62.3	62.3	63.5	63.5	63.5	63.5	62.3	62.3
0.0	15°	54.4	56.7	57.8	58.9	58.9	60.1	60.1	60.1	60.1	60.1
0.0	17.5°	49.9	52.1	53.3	54.4	54.4	55.5	55.5	56.7	56.7	56.7
0.0	20°	40.8	43.1	44.2	46.5	47.6	48.7	49.9	51.0	51.0	52.1
0.0	22.5°	31.7	34.0	35.1	37.4	38.5	39.7	40.8	41.9	43.1	44.2
0.0	25°	22.7	24.9	26.1	28.3	29.5	30.6	31.7	32.9	32.9	34.0
0.0	27.5°	12.5	14.7	17.0	18.1	20.4	21.5	22.7	23.8	24.9	26.1
0.0	30°	5.7	6.8	7.9	10.2	11.3	12.5	13.6	15.9	17.0	18.1
0.0	32.5°	0.0	0.0	1.1	3.4	4.5	5.7	6.8	7.9	7.9	9.1
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.3	3.4	4.5
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	2.3	2.3	2.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4
	82.5°	5.7	6.8	7.9	7.9	9.1	9.1	9.1	9.1	7.9	7.9
	85°	11.3	12.5	13.6	13.6	14.7	14.7	14.7	14.7	14.7	14.7
	87.5°	15.9	17.0	18.1	18.1	19.3	19.3	19.3	19.3	19.3	19.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049403

CATALOG NUMBER: GALN-SA4C-940-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
65.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	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											
3.4											
7.9											
14.7											
19.3											
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REPORT NUMBER: P1049403

CATALOG NUMBER: GALN-SA4C-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°	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
0.0	2.5°	75.9	75.9	74.8	74.8	74.8	74.8	74.8	75.9	77.1	77.1
0.0	5°	72.5	72.5	71.4	71.4	71.4	72.5	72.5	73.7	74.8	75.9
0.0	7.5°	69.1	68.0	68.0	69.1	69.1	70.3	70.3	71.4	72.5	73.7
0.0	10°	66.9	65.7	65.7	65.7	66.9	66.9	68.0	69.1	70.3	71.4
0.0	12.5°	62.3	62.3	62.3	62.3	63.5	63.5	64.6	65.7	68.0	69.1
0.0	15°	60.1	58.9	58.9	58.9	58.9	60.1	60.1	62.3	64.6	65.7
0.0	17.5°	55.5	55.5	54.4	54.4	55.5	55.5	56.7	58.9	61.2	62.3
0.0	20°	51.0	49.9	48.7	48.7	49.9	49.9	51.0	53.3	55.5	56.7
0.0	22.5°	44.2	43.1	43.1	43.1	43.1	44.2	44.2	46.5	49.9	52.1
0.0	25°	35.1	36.3	36.3	37.4	37.4	38.5	39.7	41.9	45.3	47.6
0.0	27.5°	27.2	28.3	28.3	30.6	31.7	32.9	34.0	37.4	40.8	43.1
0.0	30°	20.4	21.5	22.7	23.8	26.1	28.3	30.6	34.0	37.4	39.7
0.0	32.5°	12.5	14.7	15.9	18.1	20.4	22.7	24.9	28.3	32.9	36.3
0.0	35°	9.1	10.2	12.5	13.6	15.9	18.1	20.4	24.9	28.3	32.9
0.0	37.5°	4.5	6.8	9.1	11.3	13.6	15.9	18.1	22.7	27.2	30.6
0.0	40°	3.4	5.7	6.8	9.1	12.5	14.7	17.0	21.5	26.1	30.6
0.0	42.5°	2.3	3.4	4.5	7.9	10.2	13.6	17.0	21.5	26.1	30.6
0.0	45°	2.3	2.3	3.4	6.8	10.2	14.7	18.1	22.7	26.1	30.6
0.0	47.5°	2.3	3.4	4.5	9.1	11.3	14.7	18.1	21.5	26.1	29.5
0.0	50°	3.4	4.5	5.7	10.2	12.5	15.9	18.1	22.7	26.1	30.6
0.0	52.5°	2.3	3.4	4.5	9.1	12.5	17.0	20.4	24.9	29.5	32.9
0.0	55°	1.1	1.1	1.1	6.8	13.6	19.3	26.1	29.5	34.0	37.4
0.0	57.5°	0.0	0.0	0.0	4.5	13.6	21.5	29.5	34.0	38.5	41.9
0.0	60°	0.0	0.0	0.0	4.5	13.6	21.5	29.5	35.1	40.8	46.5
0.0	62.5°	0.0	0.0	0.0	4.5	11.3	18.1	24.9	34.0	44.2	53.3
0.0	65°	0.0	0.0	0.0	3.4	9.1	14.7	20.4	34.0	47.6	60.1
0.0	67.5°	0.0	0.0	0.0	3.4	9.1	13.6	19.3	34.0	47.6	62.3
	70°	0.0	0.0	0.0	3.4	9.1	14.7	20.4	34.0	47.6	61.2
	72.5°	0.0	0.0	0.0	3.4	10.2	15.9	22.7	34.0	45.3	56.7
	75°	0.0	0.0	0.0	4.5	10.2	17.0	23.8	34.0	44.2	53.3
	77.5°	0.0	0.0	0.0	3.4	10.2	15.9	22.7	32.9	43.1	52.1
	80°	3.4	2.3	2.3	5.7	10.2	14.7	19.3	29.5	40.8	51.0
	82.5°	6.8	6.8	5.7	7.9	10.2	13.6	17.0	26.1	36.3	45.3
	85°	13.6	13.6	12.5	13.6	13.6	14.7	15.9	20.4	24.9	29.5
	87.5°	18.1	18.1	17.0	17.0	17.0	15.9	15.9	15.9	15.9	14.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049403

CATALOG NUMBER: GALN-SA4C-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
65.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.8											
68.0											
63.5											
62.3											
61.2											
54.4											
34.0											
14.7											
0.0											
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REPORT NUMBER: P1049403

CATALOG NUMBER: GALN-SA4C-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°	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
0.0	2.5°	79.3	80.5	80.5	81.6	82.7	83.9	83.9	85.0	85.0	85.0
0.0	5°	78.2	80.5	81.6	82.7	83.9	85.0	86.1	87.3	88.4	88.4
0.0	7.5°	77.1	78.2	80.5	81.6	83.9	85.0	87.3	88.4	89.5	90.7
0.0	10°	74.8	77.1	79.3	81.6	83.9	86.1	88.4	90.7	92.9	94.1
0.0	12.5°	72.5	75.9	78.2	80.5	83.9	87.3	89.5	92.9	95.2	97.5
0.0	15°	71.4	73.7	77.1	79.3	83.9	88.4	91.8	96.3	100.9	104.3
0.0	17.5°	68.0	72.5	75.9	79.3	83.9	89.5	94.1	98.6	105.4	112.2
0.0	20°	63.5	66.9	71.4	74.8	81.6	87.3	94.1	99.7	109.9	120.1
0.0	22.5°	58.9	63.5	66.9	71.4	79.3	86.1	94.1	100.9	117.9	133.7
0.0	25°	54.4	60.1	64.6	69.1	78.2	87.3	96.3	105.4	133.7	162.1
0.0	27.5°	52.1	56.7	62.3	66.9	78.2	90.7	102.0	113.3	158.7	202.9
0.0	30°	48.7	54.4	58.9	64.6	79.3	94.1	108.8	123.5	192.7	261.8
0.0	32.5°	45.3	51.0	56.7	62.3	81.6	100.9	119.0	138.3	229.0	318.5
0.0	35°	41.9	48.7	54.4	60.1	85.0	111.1	136.0	160.9	261.8	361.6
0.0	37.5°	40.8	47.6	53.3	58.9	86.1	112.2	139.4	165.5	265.2	365.0
0.0	40°	41.9	47.6	54.4	60.1	82.7	105.4	126.9	149.6	253.9	357.0
0.0	42.5°	41.9	48.7	55.5	62.3	80.5	98.6	116.7	134.9	250.5	366.1
0.0	45°	40.8	47.6	54.4	61.2	78.2	94.1	111.1	126.9	270.9	413.7
0.0	47.5°	39.7	46.5	53.3	60.1	77.1	94.1	111.1	128.1	350.2	571.3
0.0	50°	39.7	46.5	52.1	57.8	78.2	99.7	120.1	140.5	510.0	878.4
0.0	52.5°	41.9	47.6	52.1	56.7	80.5	105.4	129.2	153.0	648.3	1142.5
0.0	55°	45.3	48.7	53.3	56.7	86.1	114.5	143.9	172.3	690.3	1208.2
0.0	57.5°	49.9	53.3	56.7	60.1	96.3	132.6	167.7	204.0	693.7	1182.2
0.0	60°	55.5	60.1	63.5	66.9	105.4	145.1	183.6	222.2	627.9	1032.6
0.0	62.5°	68.0	73.7	78.2	83.9	121.3	157.5	195.0	231.2	521.4	811.5
0.0	65°	78.2	82.7	87.3	91.8	128.1	165.5	201.8	238.0	442.0	646.1
0.0	67.5°	80.5	85.0	88.4	92.9	130.3	167.7	204.0	241.4	378.6	514.6
	70°	81.6	87.3	94.1	99.7	138.3	176.8	214.2	252.8	335.5	418.2
	72.5°	78.2	89.5	99.7	109.9	146.2	181.4	217.6	252.8	311.7	370.6
	75°	78.2	94.1	108.8	123.5	150.7	176.8	204.0	230.1	275.4	320.8
	77.5°	82.7	103.1	123.5	143.9	159.8	174.5	190.4	205.2	234.6	264.1
	80°	82.7	104.3	124.7	146.2	153.0	160.9	167.7	174.5	177.9	181.4
	82.5°	71.4	88.4	105.4	122.4	114.5	106.5	98.6	90.7	85.0	78.2
	85°	36.3	39.7	41.9	44.2	40.8	37.4	34.0	30.6	28.3	24.9
	87.5°	14.7	14.7	13.6	13.6	13.6	13.6	12.5	12.5	12.5	12.5
	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: P1049403

CATALOG NUMBER: GALN-SA4C-940-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
65.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
241.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
335.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
454.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
567.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
644.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
702.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
760.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
873.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1677.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2569.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3234.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3308.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2985.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2552.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1994.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1507.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1113.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
787.7											
586.0											
426.2											
320.8											
180.2											
81.6											
23.8											
11.3											
0.0											
0.0											
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REPORT NUMBER: P1049403

CATALOG NUMBER: GALN-SA4C-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°	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
0.0	2.5°	85.0	83.9	83.9	82.7	81.6	80.5	79.3	78.2	77.1	75.9
0.0	5°	88.4	88.4	88.4	87.3	87.3	86.1	86.1	85.0	83.9	82.7
0.0	7.5°	91.8	92.9	92.9	94.1	94.1	94.1	94.1	92.9	92.9	92.9
0.0	10°	97.5	98.6	99.7	100.9	102.0	103.1	103.1	104.3	104.3	104.3
0.0	12.5°	104.3	107.7	109.9	113.3	115.6	119.0	121.3	124.7	126.9	129.2
0.0	15°	114.5	120.1	126.9	132.6	138.3	146.2	155.3	163.2	171.1	183.6
0.0	17.5°	129.2	147.3	165.5	182.5	200.6	240.3	280.0	318.5	358.2	416.0
0.0	20°	157.5	212.0	265.2	319.6	372.9	512.3	650.6	790.0	928.3	1076.8
0.0	22.5°	221.0	354.8	488.5	622.3	756.0	1047.3	1337.5	1628.8	1918.9	2260.1
0.0	25°	320.8	566.7	812.7	1057.5	1303.5	1759.1	2215.9	2671.5	3127.2	3570.3
0.0	27.5°	467.0	843.3	1219.6	1594.7	1971.0	2588.8	3207.6	3825.4	4443.1	4944.1
0.0	30°	647.2	1157.2	1667.3	2177.3	2687.4	3390.1	4092.8	4794.4	5497.2	6044.6
0.0	32.5°	817.2	1441.7	2066.3	2689.6	3314.2	4114.4	4915.7	5715.9	6516.1	7114.6
0.0	35°	928.3	1683.2	2439.2	3194.0	3948.9	4814.8	5680.8	6545.6	7411.6	8095.0
0.0	37.5°	1039.4	1911.0	2781.5	3653.1	4523.6	5474.5	6425.5	7376.4	8327.4	9171.8
0.0	40°	1164.0	2186.4	3207.6	4230.0	5251.2	6377.9	7503.4	8630.0	9755.5	10946.8
0.0	42.5°	1380.5	2643.2	3907.0	5169.6	6432.3	7922.7	9413.2	10902.5	12393.0	14093.2
0.0	45°	1787.4	3566.9	5347.6	7127.1	8906.6	10881.0	12856.6	14831.0	16805.5	19067.8
0.0	47.5°	2783.7	5232.0	7679.0	10127.3	12574.4	14706.4	16837.2	18969.2	21100.1	23353.4
0.0	50°	4259.5	7108.9	9958.4	12806.7	15656.2	17585.3	19513.3	21442.4	23370.4	25513.7
0.0	52.5°	5327.2	8295.6	11265.2	14233.7	17202.2	18943.2	20685.3	22426.2	24167.2	26170.0
0.0	55°	5407.6	8359.1	11311.7	14263.2	17214.7	18963.6	20712.5	22461.4	24210.2	26333.2
0.0	57.5°	4787.6	7715.3	10641.9	13569.5	16496.1	18487.5	20477.8	22469.3	24459.6	26754.8
0.0	60°	4072.4	7001.3	9928.9	12857.7	15785.4	18079.5	20374.7	22668.8	24962.9	27113.0
0.0	62.5°	3177.0	6189.7	9203.5	12216.2	15228.9	17558.1	19887.3	22215.4	24544.6	26157.5
0.0	65°	2367.8	5293.2	8218.6	11142.8	14068.2	15933.9	17799.5	19664.0	21529.7	22528.2
0.0	67.5°	1711.5	4234.5	6756.4	9279.5	11801.4	13136.6	14471.7	15805.8	17141.0	17904.9
	70°	1157.2	2905.0	4651.6	6399.4	8146.0	9243.2	10341.5	11438.7	12535.8	13567.3
	72.5°	801.3	1782.9	2765.6	3747.1	4728.7	5832.7	6935.5	8039.5	9142.3	10233.8
	75°	531.6	978.2	1425.9	1872.4	2319.0	3136.2	3954.6	4771.8	5589.0	6239.6
	77.5°	377.4	511.2	646.1	779.8	913.6	1066.6	1220.7	1373.7	1526.7	1759.1
	80°	179.1	196.1	213.1	229.0	246.0	301.5	357.0	412.6	468.1	527.0
	82.5°	85.0	91.8	98.6	104.3	111.1	116.7	122.4	128.1	133.7	128.1
	85°	22.7	22.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	22.7
	87.5°	10.2	10.2	10.2	10.2	10.2	10.2	10.2	9.1	9.1	7.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
65.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
472.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1226.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2601.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4013.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5445.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6593.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7714.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8778.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10017.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12138.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15793.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21330.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25606.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27657.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28172.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28457.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29050.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29262.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27771.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23527.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18670.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14597.6											
11325.3											
6890.2											
1991.5											
586.0											
121.3											
21.5											
7.9											
0.0											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
0.0	2.5°	73.7	72.5	71.4	70.3	69.1	66.9	66.9	65.7	65.7
0.0	5°	80.5	79.3	78.2	77.1	77.1	75.9	74.8	74.8	73.7
0.0	7.5°	91.8	90.7	89.5	88.4	88.4	87.3	87.3	86.1	86.1
0.0	10°	105.4	105.4	105.4	105.4	105.4	104.3	104.3	104.3	103.1
0.0	12.5°	132.6	133.7	136.0	138.3	141.7	141.7	141.7	140.5	140.5
0.0	15°	209.7	222.2	231.2	240.3	248.2	266.4	264.1	260.7	258.4
0.0	17.5°	530.4	587.1	617.7	647.2	677.8	761.7	748.1	734.5	722.0
0.0	20°	1374.9	1523.3	1622.0	1720.6	1820.3	1977.9	1939.3	1900.8	1862.2
0.0	22.5°	2941.3	3282.4	3430.9	3579.4	3726.7	3917.2	3793.6	3670.1	3547.7
0.0	25°	4455.5	4898.7	5149.2	5399.7	5649.1	5757.9	5596.9	5434.8	5273.9
0.0	27.5°	5946.0	6447.0	6668.0	6887.9	7108.9	7336.7	7137.3	6936.6	6737.2
0.0	30°	7140.7	7688.1	7927.3	8165.3	8404.4	8563.1	8356.8	8149.4	7943.1
0.0	32.5°	8312.6	8911.1	9172.9	9434.7	9695.4	9923.3	9669.4	9414.3	9160.5
0.0	35°	9460.8	10144.3	10504.7	10865.1	11225.6	11437.5	11136.0	10833.4	10531.9
0.0	37.5°	10861.7	11706.2	12109.7	12513.2	12916.7	13303.2	12971.1	12637.8	12305.7
0.0	40°	13329.2	14520.5	15139.3	15759.3	16378.2	16876.9	16457.5	16038.2	15618.8
0.0	42.5°	17493.5	19193.6	20083.4	20972.0	21861.8	22640.4	22199.5	21758.6	21317.7
0.0	45°	23592.5	25854.9	26939.6	28023.1	29107.8	29676.8	29042.1	28406.2	27771.5
0.0	47.5°	27858.8	30112.1	31077.8	32043.4	33009.1	33658.6	32882.2	32105.8	31330.5
0.0	50°	29799.2	31942.6	32911.7	33879.6	34848.7	35364.4	34467.9	33570.2	32673.6
0.0	52.5°	30174.4	32177.2	33333.3	34490.5	35646.6	36335.8	35277.1	34217.4	33158.7
0.0	55°	30580.2	32703.1	34044.0	35386.0	36726.8	37681.2	36484.3	35286.2	34089.3
0.0	57.5°	31344.1	33639.3	34976.8	36313.1	37650.6	38461.0	37260.7	36059.2	34858.9
0.0	60°	31412.1	33561.1	34710.4	35860.9	37010.2	37520.2	36372.0	35222.7	34074.6
0.0	62.5°	29384.4	30997.3	31795.2	32593.2	33391.1	33945.4	32747.3	31548.1	30350.1
0.0	65°	24526.5	25525.0	26160.9	26796.8	27432.6	28093.4	26996.2	25899.1	24801.9
0.0	67.5°	19433.9	20197.9	21035.5	21873.1	22710.7	23416.8	22538.4	21658.9	20780.5
	70°	15629.0	16659.3	17601.2	18543.1	19484.9	20063.0	19181.2	18298.2	17416.4
	72.5°	12416.8	13508.3	14294.9	15080.4	15867.0	16008.7	15360.4	14712.0	14064.8
	75°	7539.6	8190.2	8206.1	8220.8	8236.7	8371.6	7834.3	7297.1	6761.0
	77.5°	2223.8	2456.2	2647.7	2838.1	3029.7	3260.9	3063.7	2865.3	2668.1
	80°	643.8	702.7	752.6	801.3	851.2	821.7	775.3	728.8	682.3
	82.5°	115.6	108.8	107.7	106.5	106.5	100.9	91.8	82.7	73.7
	85°	20.4	19.3	18.1	17.0	15.9	14.7	12.5	11.3	9.1
	87.5°	6.8	5.7	4.5	3.4	3.4	1.1	1.1	1.1	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: P1049403

CATALOG NUMBER: GALN-SA4C-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°	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
0.0	0.0	2.5°	64.6	63.5	63.5	63.5	63.5	62.3	62.3	62.3	62.3
0.0	0.0	5°	71.4	71.4	70.3	70.3	69.1	69.1	68.0	68.0	66.9
0.0	0.0	7.5°	83.9	82.7	81.6	80.5	79.3	77.1	75.9	74.8	74.8
0.0	0.0	10°	100.9	98.6	97.5	95.2	94.1	91.8	89.5	87.3	85.0
0.0	0.0	12.5°	132.6	128.1	124.7	120.1	115.6	112.2	107.7	104.3	99.7
0.0	0.0	15°	230.1	218.8	206.3	191.6	175.7	160.9	145.1	136.0	125.8
0.0	0.0	17.5°	588.3	529.3	469.2	420.5	371.8	324.2	275.4	240.3	205.2
0.0	0.0	20°	1497.3	1334.1	1170.8	1009.9	847.8	686.9	524.8	443.2	361.6
0.0	0.0	22.5°	2817.7	2515.1	2211.3	1917.8	1623.1	1329.5	1036.0	851.2	667.6
0.0	0.0	25°	4349.0	3968.2	3587.3	3104.5	2620.5	2137.7	1654.8	1354.5	1054.1
0.0	0.0	27.5°	5659.3	5220.6	4782.0	4194.9	3607.7	3020.6	2433.5	1985.8	1539.2
0.0	0.0	30°	6793.8	6322.3	5850.8	5167.3	4483.9	3800.4	3117.0	2557.0	1997.1
0.0	0.0	32.5°	7777.7	7213.2	6648.8	5943.8	5238.8	4533.8	3828.8	3141.9	2455.0
0.0	0.0	35°	8912.2	8253.7	7594.0	6812.0	6028.8	5246.7	4464.6	3689.3	2912.9
0.0	0.0	37.5°	10354.0	9545.8	8736.5	7864.9	6993.3	6122.8	5251.2	4364.9	3478.5
0.0	0.0	40°	13113.9	12071.1	11028.4	9921.0	8812.5	7705.1	6597.7	5509.6	4421.5
0.0	0.0	42.5°	18059.1	16650.2	15241.3	13767.9	12293.3	10819.8	9345.2	7810.5	6274.7
0.0	0.0	45°	23640.1	21892.4	20143.5	18489.8	16835.0	15181.3	13527.6	11421.7	9315.7
0.0	0.0	47.5°	26778.6	24891.4	23004.3	21439.0	19873.7	18308.4	16743.2	14472.9	12202.6
0.0	0.0	50°	27933.6	26012.4	24091.2	22650.6	21208.9	19768.3	18326.6	16052.9	13778.1
0.0	0.0	52.5°	28179.6	26219.8	24260.1	22810.5	21360.8	19912.2	18462.6	16203.6	13944.7
0.0	0.0	55°	28685.1	26582.5	24478.9	22826.3	21173.8	19521.2	17868.7	15573.4	13278.2
0.0	0.0	57.5°	29345.9	27190.1	25034.3	23151.6	21269.0	19387.5	17504.8	14995.4	12486.0
0.0	0.0	60°	29172.4	27296.6	25419.6	23403.2	21385.7	19369.3	17351.8	14591.9	11830.8
0.0	0.0	62.5°	26162.0	24668.2	23173.2	21514.9	19855.6	18197.4	16539.1	13697.6	10856.1
0.0	0.0	65°	21522.9	20432.5	19342.1	18008.1	16672.9	15338.8	14004.8	11456.8	8910.0
0.0	0.0	67.5°	17443.6	16215.0	14985.2	13922.0	12857.7	11794.6	10730.3	8725.2	6720.2
		70°	13858.6	12522.2	11184.8	10146.5	9107.2	8068.9	7030.7	5697.8	4366.0
		72.5°	11005.7	9800.8	8596.0	7488.6	6380.1	5272.8	4164.3	3376.5	2588.8
		75°	5260.3	4778.6	4296.9	3717.7	3138.5	2559.3	1980.1	1636.7	1294.4
		77.5°	1949.5	1690.0	1429.3	1193.5	957.8	723.1	487.4	446.6	405.8
		80°	504.4	439.8	374.0	327.6	280.0	233.5	187.0	168.9	151.9
		82.5°	57.8	53.3	49.9	47.6	44.2	41.9	38.5	35.1	31.7
		85°	3.4	2.3	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: P1049403

CATALOG NUMBER: GALN-SA4C-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049403

CATALOG NUMBER: GALN-SA4C-940-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	65.7	65.7
0.0	0.0	2.5°	61.2	60.1
0.0	0.0	5°	64.6	63.5
0.0	0.0	7.5°	71.4	69.1
0.0	0.0	10°	78.2	75.9
0.0	0.0	12.5°	88.4	85.0
0.0	0.0	15°	99.7	92.9
0.0	0.0	17.5°	119.0	104.3
0.0	0.0	20°	160.9	123.5
0.0	0.0	22.5°	226.7	154.1
0.0	0.0	25°	333.2	213.1
0.0	0.0	27.5°	463.6	283.4
0.0	0.0	30°	616.6	354.8
0.0	0.0	32.5°	751.5	422.8
0.0	0.0	35°	927.2	491.9
0.0	0.0	37.5°	1143.6	580.3
0.0	0.0	40°	1479.1	714.1
0.0	0.0	42.5°	2083.3	961.2
0.0	0.0	45°	3383.3	1661.6
0.0	0.0	47.5°	5205.9	2748.6
0.0	0.0	50°	6368.8	3508.0
0.0	0.0	52.5°	6464.0	3502.3
0.0	0.0	55°	5900.7	3113.6
0.0	0.0	57.5°	5034.7	2602.4
0.0	0.0	60°	4184.7	2058.3
0.0	0.0	62.5°	3297.2	1421.3
0.0	0.0	65°	2409.7	1005.4
0.0	0.0	67.5°	1730.8	751.5
		70°	1138.0	575.8
		72.5°	741.3	469.2
		75°	498.7	388.8
		77.5°	291.3	258.4
		80°	103.1	90.7
		82.5°	19.3	13.6
		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: P1049403

CATALOG NUMBER: GALN-SA4C-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

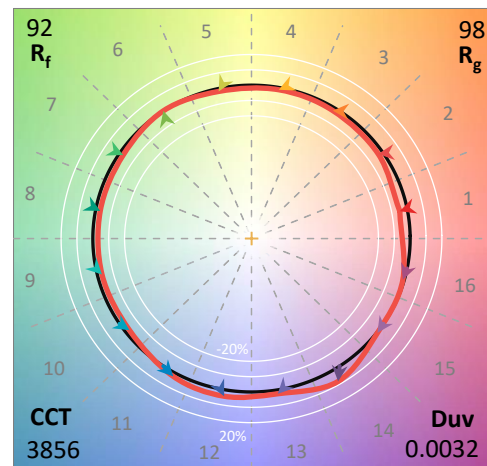
Test Information

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

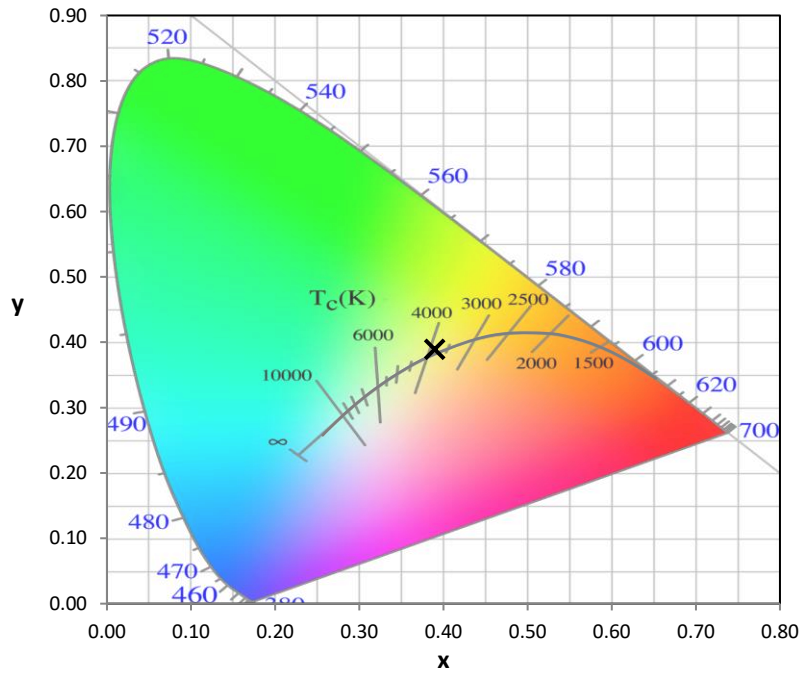
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

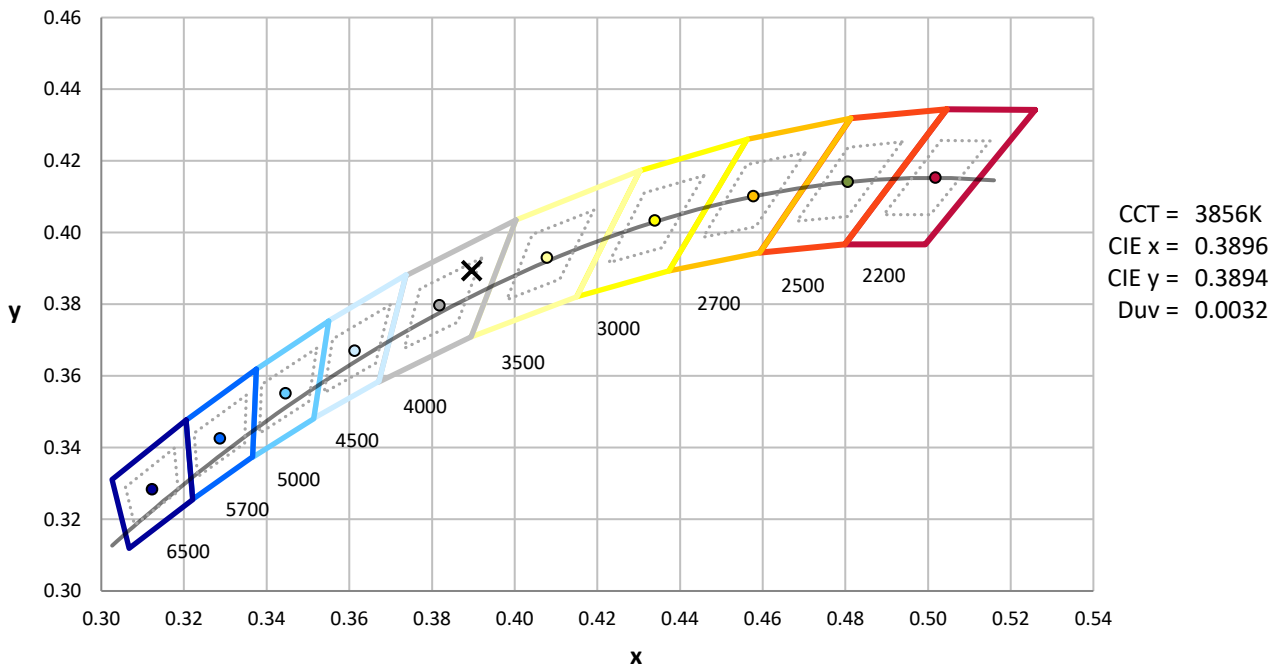
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



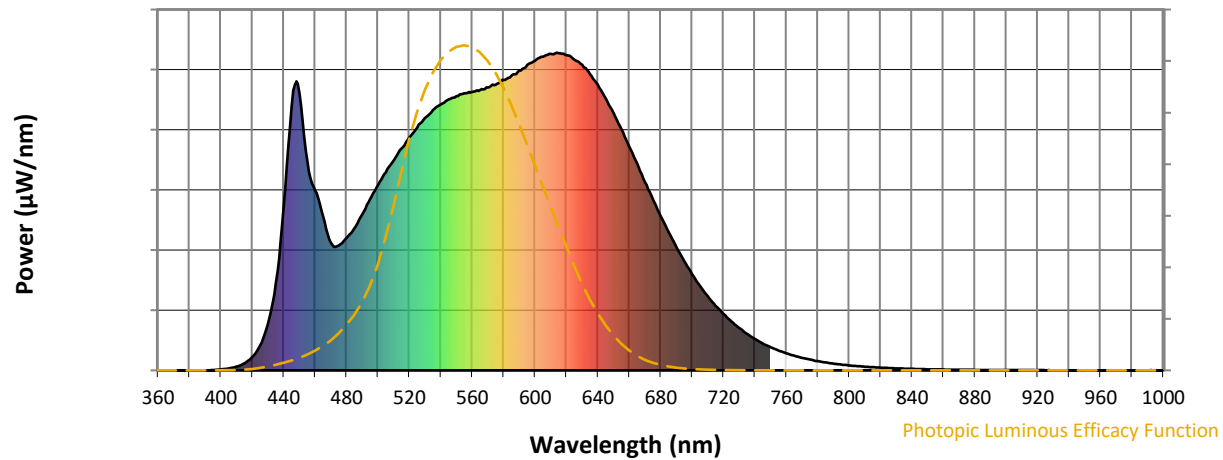
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

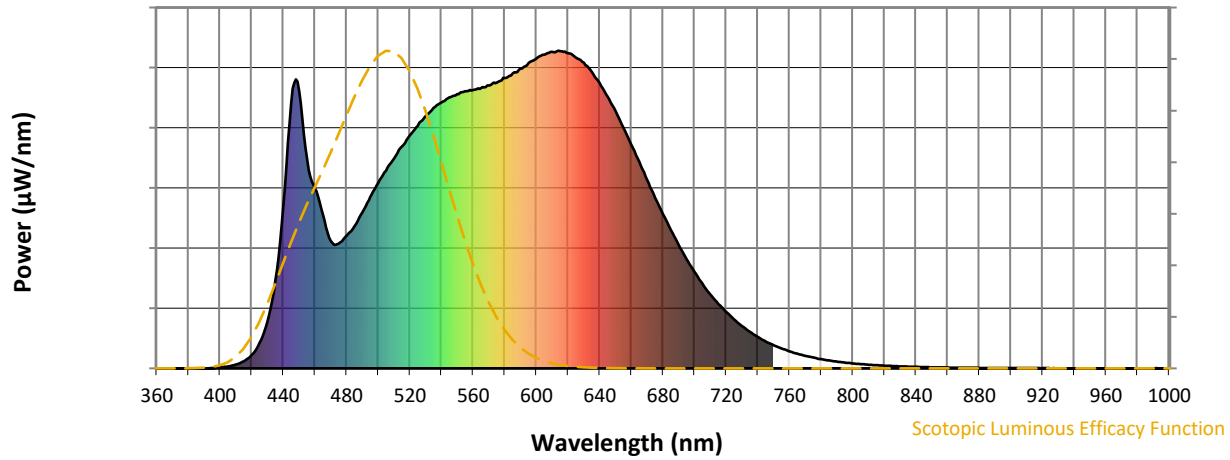


Photopic Lumens: NR

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



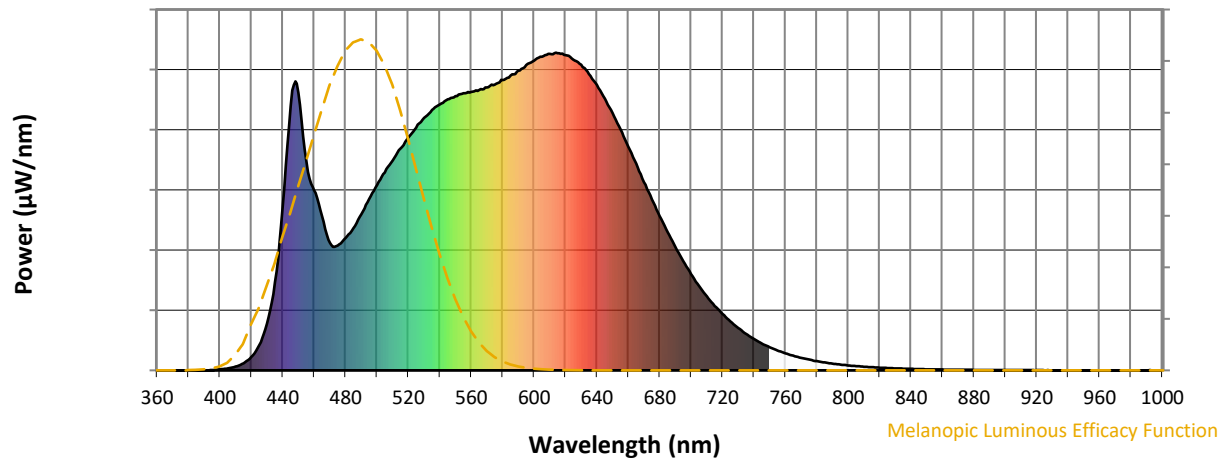
Scotopic Lumens: NR

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

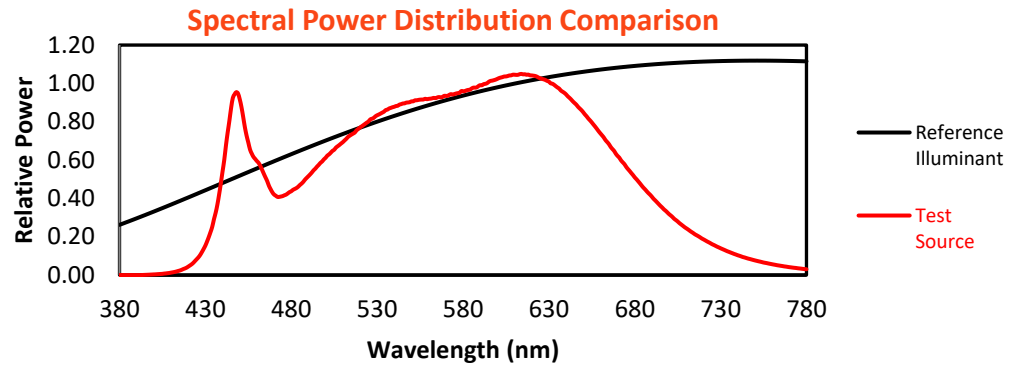
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492	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

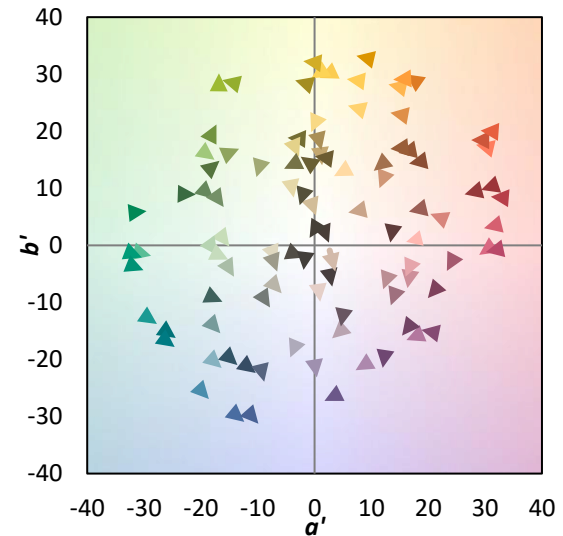
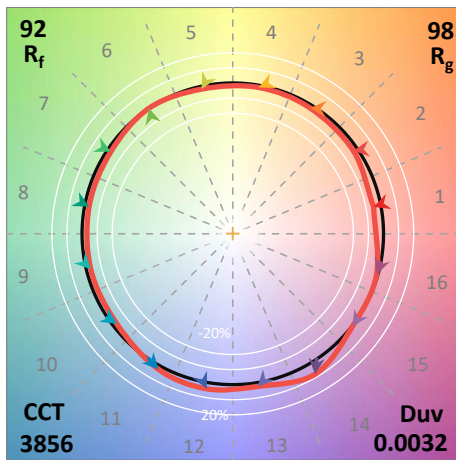
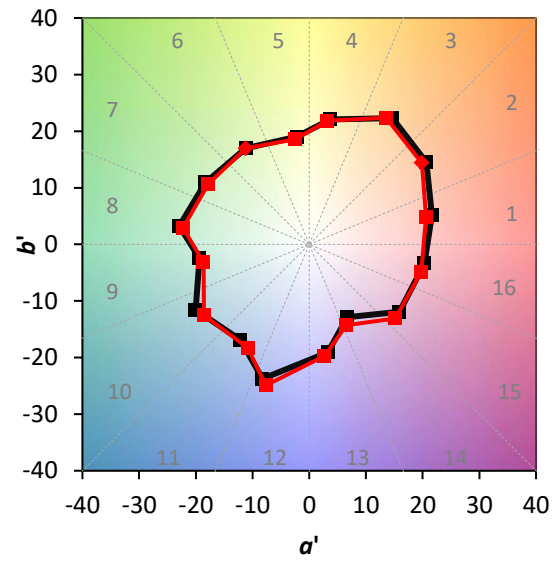
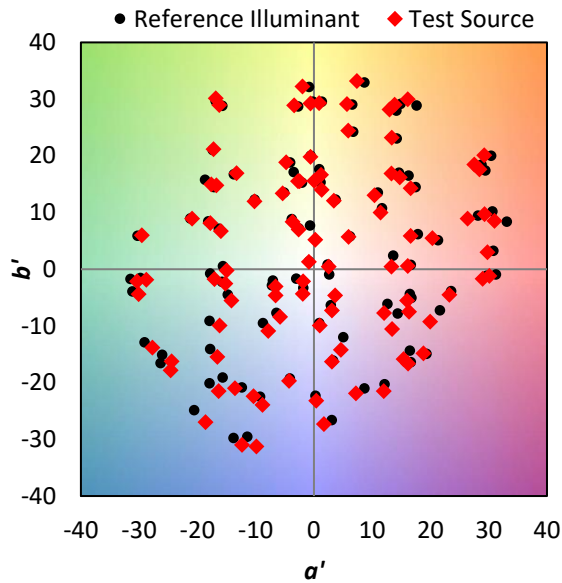
TM-30-18

Summary

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

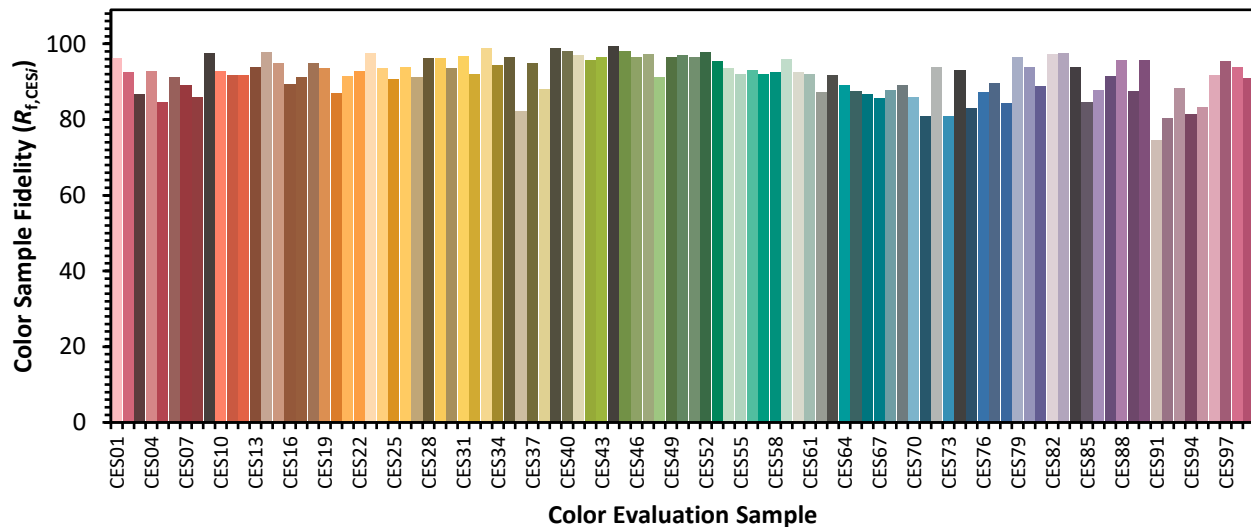


Color Vector Graphics

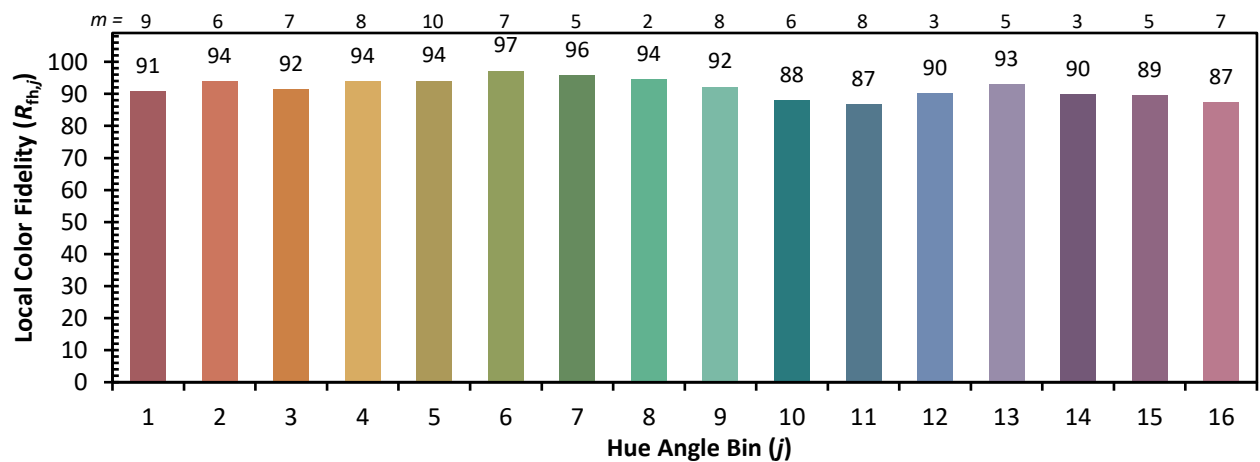
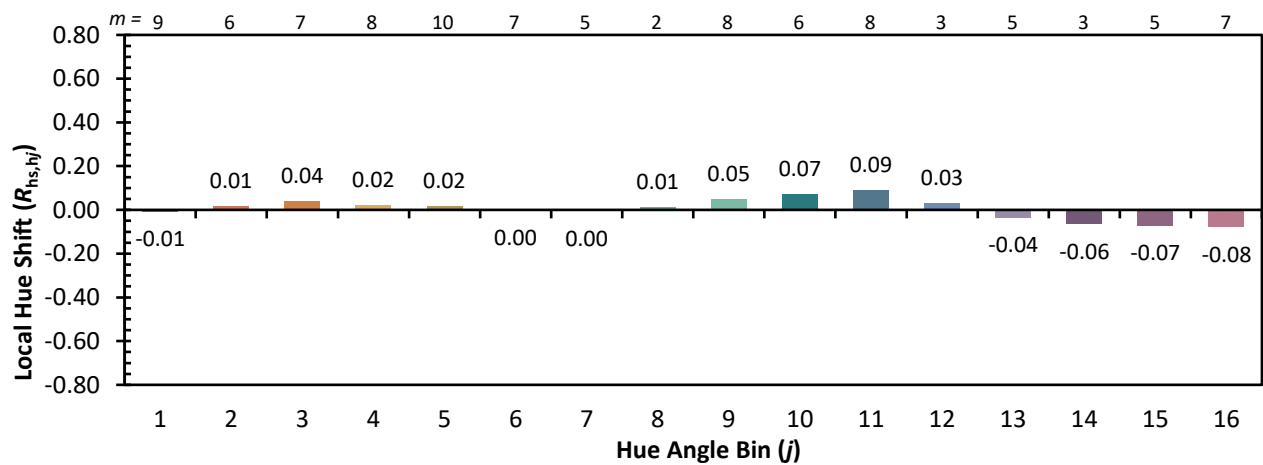
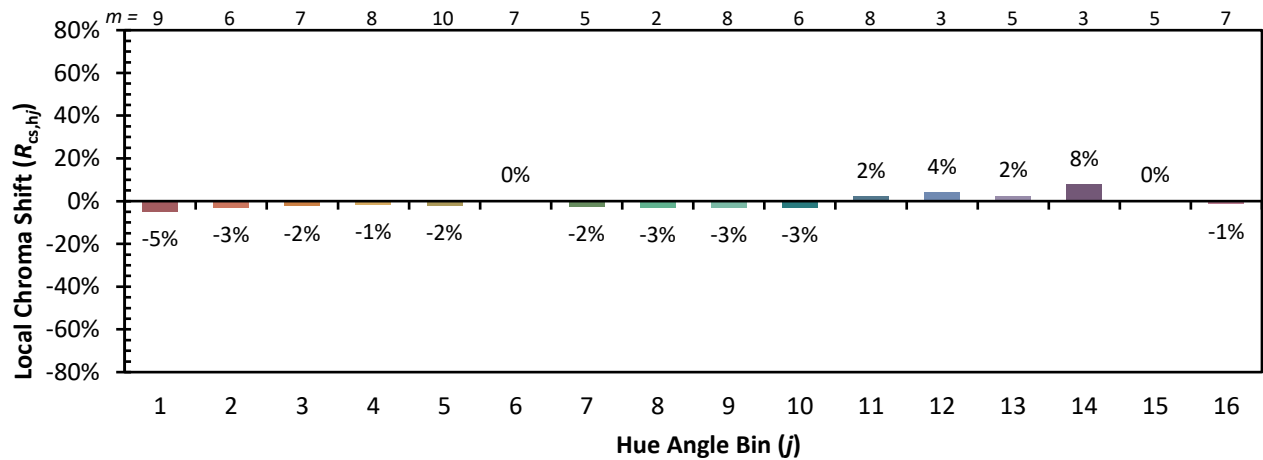


Individual Sample Fidelity Index ($R_{f,i}$)

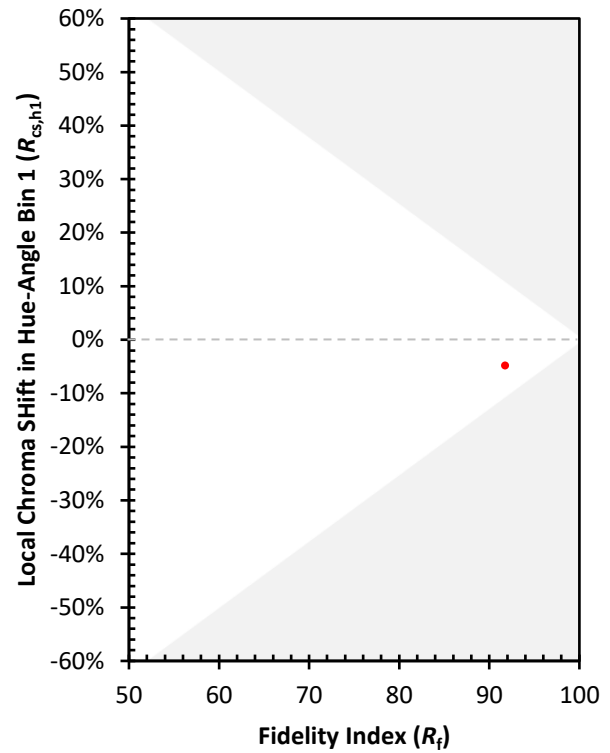
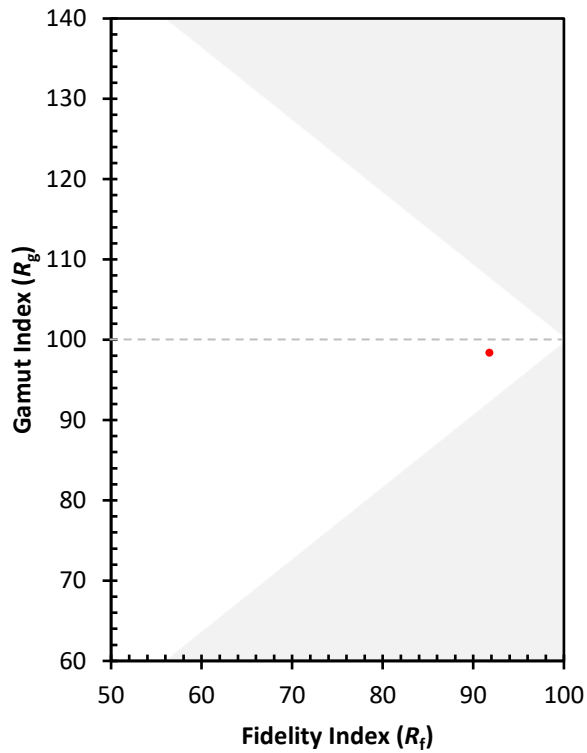
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82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