

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: P1049406

Luminaire Tested: **GALN-SA5B-940-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049406
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5B-940-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
90CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14856.1 lumens
Efficiency: N/A
Efficacy: 83.1 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): 178.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

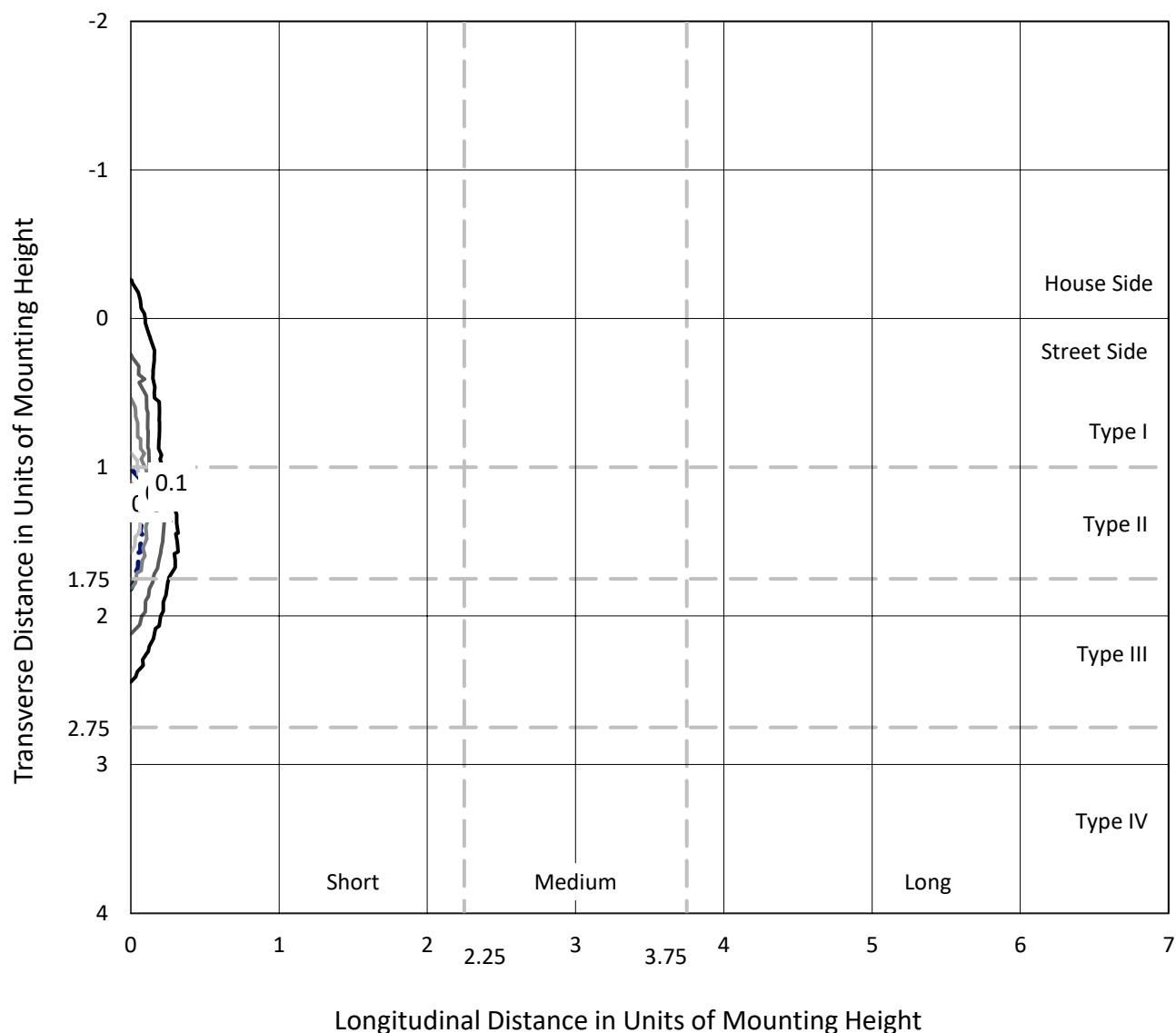
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

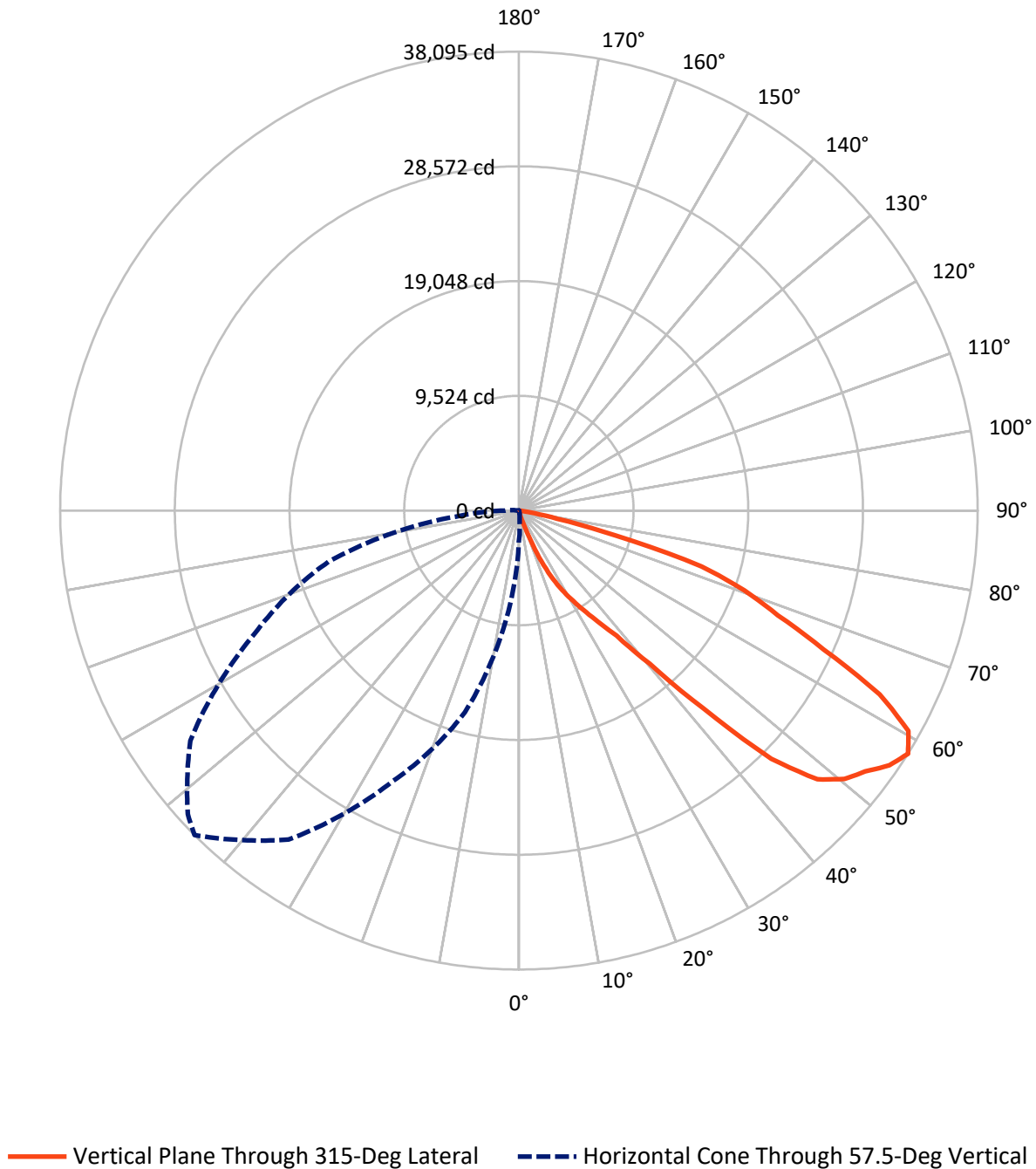


Based on 20 foot mounting height. Maximum calculated value = 2.2 fc

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	74.4	0.0	74.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	14781.8	0.0	14781.8
	% Fixture	99.5	0.0	99.5
Total	Lumens	14856.1	0.0	14856.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.8	0.0
10°-20°	32.6	0.2
20°-30°	352.1	2.4
30°-40°	1041.1	7.0
40°-50°	3102.9	20.9
50°-60°	4920.0	33.1
60°-70°	4107.0	27.6
70°-80°	1266.4	8.5
80°-90°	28.2	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	14856.1	100.0
0°-180°	14856.1	100.0



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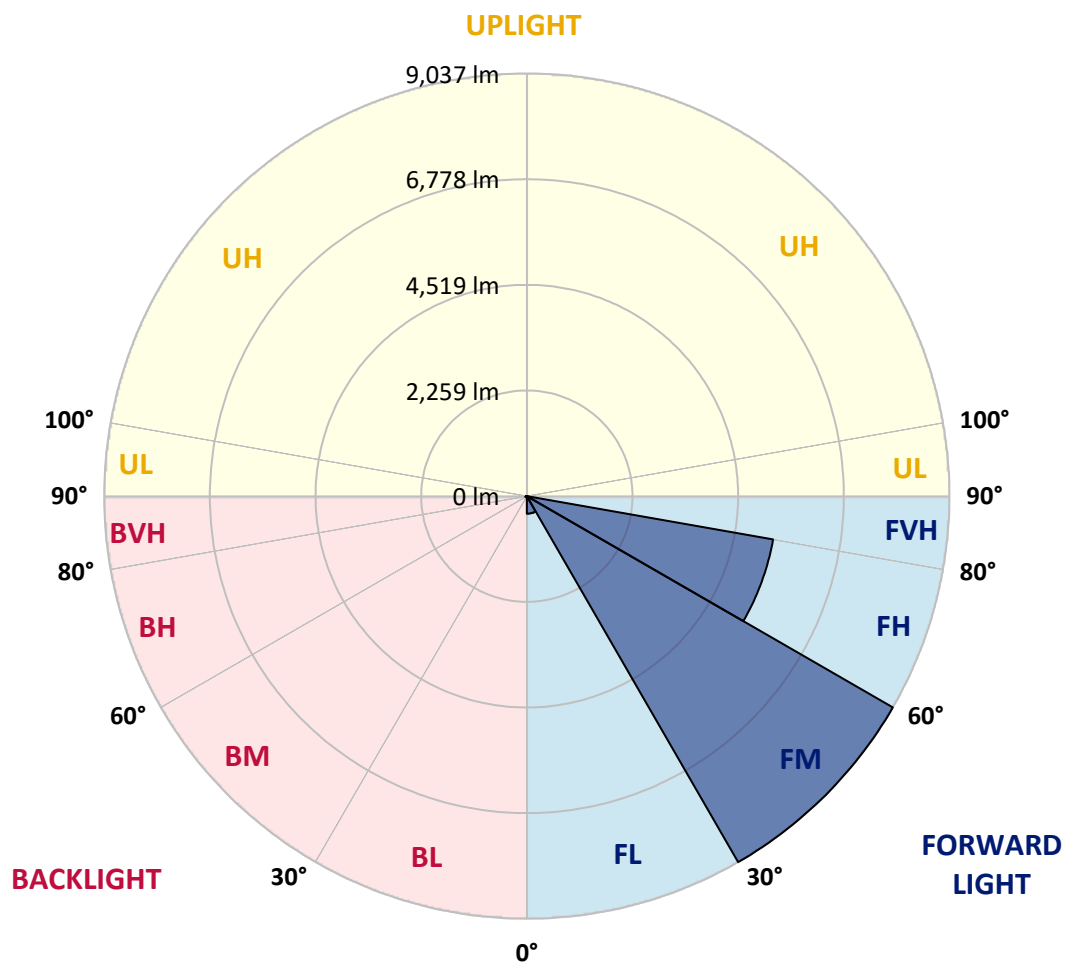
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	376.9	2.5			
FM	(30°-60°)	9037.4	60.8			
FH	(60°-80°)	5345.7	36.0			G3/7500
FVH	(80°-90°)	21.8	0.1			G1/100
BL	(0°-30°)	13.7	0.1	B0/110		
BM	(30°-60°)	26.6	0.2	B0/220		
BH	(60°-80°)	27.8	0.2	B0/110		G0/110
BVH	(80°-90°)	6.4	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°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
2.5°	59.5	59.5	59.5	59.5	58.4	58.4	57.3	57.3	56.1	56.1
5°	62.9	62.9	61.7	60.6	60.6	59.5	58.4	57.3	57.3	56.1
7.5°	68.5	67.4	66.2	65.1	62.9	61.7	59.5	58.4	57.3	55.0
10°	75.2	73.0	70.7	68.5	66.2	64.0	61.7	60.6	58.4	57.3
12.5°	84.2	80.8	76.3	73.0	70.7	67.4	65.1	62.9	59.5	57.3
15°	92.1	87.6	82.0	77.5	74.1	69.6	66.2	62.9	60.6	57.3
17.5°	103.3	95.4	86.4	80.8	76.3	70.7	65.1	61.7	58.4	53.9
20°	122.4	106.7	89.8	83.1	76.3	69.6	62.9	58.4	55.0	50.5
22.5°	152.7	125.7	98.8	88.7	79.7	69.6	60.6	56.1	51.6	47.2
25°	211.1	162.8	114.5	101.0	87.6	74.1	60.6	55.0	50.5	44.9
27.5°	280.7	208.8	135.8	116.8	98.8	79.7	60.6	53.9	48.3	41.5
30°	351.4	256.0	159.4	134.7	110.0	85.3	60.6	52.8	46.0	38.2
32.5°	418.8	299.8	179.6	150.4	121.2	90.9	61.7	52.8	43.8	34.8
35°	487.2	335.7	183.0	152.7	122.4	90.9	60.6	50.5	41.5	31.4
37.5°	574.8	376.1	176.3	145.9	116.8	86.4	57.3	48.3	39.3	29.2
40°	707.3	443.5	179.6	148.2	116.8	85.3	53.9	44.9	37.0	28.1
42.5°	952.0	573.7	194.2	158.3	122.4	85.3	49.4	41.5	34.8	26.9
45°	1645.8	953.1	260.5	206.6	152.7	98.8	44.9	38.2	32.6	25.8
47.5°	2722.5	1595.3	468.2	361.5	256.0	149.3	43.8	38.2	32.6	25.8
50°	3474.7	2032.0	589.4	453.6	317.7	181.9	46.0	39.3	33.7	26.9
52.5°	3469.0	2063.5	656.8	504.1	352.5	199.8	48.3	41.5	35.9	29.2
55°	3084.0	1877.1	669.1	514.2	360.4	205.4	51.6	44.9	38.2	31.4
57.5°	2577.6	1594.2	610.7	472.6	335.7	197.6	59.5	51.6	44.9	37.0
60°	2038.8	1257.4	476.0	376.1	277.3	177.4	78.6	68.5	59.5	49.4
62.5°	1407.8	911.6	415.4	333.4	252.6	170.6	89.8	79.7	70.7	60.6
65°	995.8	685.9	375.0	305.4	236.9	167.3	97.7	86.4	76.3	65.1
67.5°	744.3	545.6	345.8	286.3	226.8	167.3	107.8	94.3	82.0	68.5
70°	570.3	447.9	324.5	276.2	229.0	180.7	132.5	113.4	95.4	76.3
72.5°	464.8	382.8	299.8	264.9	230.1	195.3	160.5	135.8	111.1	85.3
75°	385.1	327.8	270.6	241.4	213.3	184.1	154.9	132.5	111.1	88.7
77.5°	256.0	233.5	209.9	193.1	176.3	158.3	141.5	122.4	104.4	85.3
80°	89.8	86.4	83.1	89.8	96.5	103.3	110.0	96.5	84.2	70.7
82.5°	13.5	12.3	11.2	12.3	13.5	14.6	15.7	16.8	18.0	19.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

[illegible]



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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
0.0	2.5°	55.0	55.0	53.9	53.9	53.9	52.8	52.8	51.6	51.6	51.6
0.0	5°	53.9	53.9	52.8	51.6	50.5	50.5	49.4	48.3	48.3	47.2
0.0	7.5°	52.8	51.6	50.5	49.4	48.3	47.2	46.0	44.9	44.9	43.8
0.0	10°	53.9	51.6	50.5	48.3	47.2	46.0	43.8	42.7	41.5	41.5
0.0	12.5°	51.6	50.5	48.3	46.0	44.9	42.7	41.5	39.3	38.2	38.2
0.0	15°	51.6	49.4	46.0	43.8	41.5	40.4	38.2	35.9	34.8	33.7
0.0	17.5°	48.3	46.0	42.7	40.4	38.2	35.9	33.7	31.4	30.3	29.2
0.0	20°	43.8	41.5	38.2	34.8	32.6	30.3	28.1	25.8	24.7	23.6
0.0	22.5°	39.3	37.0	33.7	30.3	28.1	25.8	22.5	20.2	19.1	16.8
0.0	25°	37.0	33.7	30.3	26.9	23.6	21.3	18.0	14.6	12.3	10.1
0.0	27.5°	31.4	28.1	24.7	21.3	18.0	14.6	11.2	7.9	5.6	4.5
0.0	30°	26.9	23.6	20.2	16.8	12.3	9.0	5.6	1.1	1.1	1.1
0.0	32.5°	22.5	19.1	14.6	11.2	9.0	5.6	3.4	0.0	0.0	0.0
0.0	35°	18.0	14.6	10.1	6.7	5.6	3.4	2.2	0.0	0.0	0.0
0.0	37.5°	15.7	12.3	7.9	3.4	2.2	2.2	1.1	0.0	0.0	0.0
0.0	40°	14.6	10.1	5.6	1.1	1.1	1.1	0.0	0.0	0.0	0.0
0.0	42.5°	14.6	10.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	14.6	10.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	14.6	10.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	15.7	11.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	18.0	13.5	9.0	4.5	3.4	2.2	1.1	0.0	0.0	0.0
0.0	55°	22.5	20.2	16.8	14.6	11.2	7.9	3.4	0.0	0.0	0.0
0.0	57.5°	29.2	29.2	28.1	26.9	20.2	13.5	6.7	0.0	0.0	0.0
0.0	60°	39.3	39.3	39.3	39.3	29.2	20.2	10.1	0.0	0.0	0.0
0.0	62.5°	48.3	46.0	42.7	40.4	30.3	20.2	10.1	0.0	0.0	0.0
0.0	65°	48.3	43.8	38.2	32.6	24.7	16.8	7.9	0.0	0.0	0.0
0.0	67.5°	44.9	35.9	25.8	16.8	12.3	9.0	4.5	0.0	0.0	0.0
	70°	44.9	31.4	18.0	4.5	3.4	2.2	1.1	0.0	0.0	0.0
	72.5°	44.9	30.3	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	49.4	33.7	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	49.4	33.7	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	43.8	29.2	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	14.6	10.1	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):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
0.0	2.5°	50.5	50.5	50.5	49.4	49.4	49.4	49.4	48.3	48.3	48.3
0.0	5°	46.0	46.0	44.9	44.9	43.8	43.8	42.7	42.7	41.5	41.5
0.0	7.5°	42.7	41.5	41.5	40.4	39.3	39.3	38.2	38.2	37.0	35.9
0.0	10°	39.3	38.2	38.2	37.0	35.9	34.8	34.8	33.7	32.6	31.4
0.0	12.5°	35.9	34.8	33.7	32.6	31.4	30.3	30.3	29.2	28.1	26.9
0.0	15°	31.4	30.3	29.2	28.1	26.9	25.8	25.8	24.7	23.6	22.5
0.0	17.5°	26.9	25.8	25.8	24.7	23.6	22.5	21.3	19.1	18.0	16.8
0.0	20°	20.2	19.1	18.0	16.8	15.7	13.5	12.3	10.1	7.9	6.7
0.0	22.5°	13.5	11.2	10.1	7.9	5.6	4.5	3.4	1.1	0.0	0.0
0.0	25°	4.5	3.4	2.2	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

CATALOG NUMBER: GALN-SA5B-940-U-RBC

[illegible]

REPORT NUMBER: P1049406

CATALOG NUMBER: GALN-SA5B-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°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
0.0	2.5°	47.2	47.2	47.2	46.0	46.0	46.0	46.0	46.0	46.0	46.0
0.0	5°	40.4	40.4	40.4	39.3	39.3	38.2	38.2	38.2	37.0	37.0
0.0	7.5°	34.8	33.7	33.7	32.6	32.6	31.4	31.4	31.4	30.3	30.3
0.0	10°	29.2	28.1	28.1	26.9	26.9	25.8	25.8	24.7	24.7	23.6
0.0	12.5°	25.8	24.7	23.6	22.5	22.5	21.3	20.2	20.2	19.1	18.0
0.0	15°	20.2	19.1	18.0	16.8	15.7	14.6	13.5	13.5	12.3	11.2
0.0	17.5°	13.5	11.2	10.1	9.0	9.0	7.9	6.7	5.6	4.5	3.4
0.0	20°	3.4	2.2	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

CATALOG NUMBER: GALN-SA5B-940-U-RBC

[illegible]

REPORT NUMBER: P1049406

CATALOG NUMBER: GALN-SA5B-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°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
0.0	2.5°	46.0	44.9	44.9	44.9	46.0	46.0	46.0	46.0	46.0	46.0
0.0	5°	37.0	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
0.0	7.5°	30.3	29.2	29.2	29.2	29.2	28.1	28.1	28.1	28.1	28.1
0.0	10°	23.6	22.5	22.5	22.5	22.5	21.3	21.3	21.3	21.3	21.3
0.0	12.5°	16.8	16.8	15.7	15.7	15.7	14.6	14.6	14.6	14.6	13.5
0.0	15°	10.1	9.0	7.9	7.9	7.9	6.7	6.7	6.7	6.7	5.6
0.0	17.5°	2.2	2.2	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-SA5B-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049406

CATALOG NUMBER: GALN-SA5B-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°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
0.0	2.5°	47.2	47.2	48.3	48.3	49.4	51.6	52.8	53.9	56.1	58.4
0.0	5°	37.0	38.2	38.2	39.3	40.4	41.5	42.7	43.8	46.0	48.3
0.0	7.5°	29.2	29.2	30.3	30.3	31.4	33.7	34.8	35.9	38.2	41.5
0.0	10°	22.5	22.5	23.6	23.6	24.7	26.9	28.1	29.2	31.4	34.8
0.0	12.5°	14.6	15.7	15.7	16.8	18.0	20.2	21.3	22.5	24.7	26.9
0.0	15°	6.7	7.9	7.9	9.0	10.1	12.3	13.5	14.6	16.8	20.2
0.0	17.5°	1.1	1.1	2.2	2.2	3.4	4.5	5.6	6.7	10.1	12.3
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	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-SA5B-940-U-RBC

[illegible]

REPORT NUMBER: P1049406

CATALOG NUMBER: GALN-SA5B-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°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
0.0	2.5°	61.7	64.0	66.2	68.5	70.7	73.0	74.1	76.3	77.5	78.6
0.0	5°	52.8	55.0	58.4	60.6	62.9	65.1	67.4	68.5	69.6	70.7
0.0	7.5°	46.0	48.3	51.6	53.9	56.1	58.4	60.6	62.9	64.0	65.1
0.0	10°	39.3	42.7	44.9	48.3	50.5	52.8	55.0	57.3	59.5	60.6
0.0	12.5°	31.4	34.8	38.2	40.4	43.8	47.2	49.4	51.6	53.9	56.1
0.0	15°	24.7	28.1	31.4	33.7	37.0	40.4	43.8	46.0	48.3	50.5
0.0	17.5°	18.0	21.3	24.7	26.9	30.3	33.7	35.9	39.3	41.5	43.8
0.0	20°	9.0	12.3	15.7	19.1	22.5	25.8	28.1	31.4	33.7	35.9
0.0	22.5°	1.1	4.5	7.9	10.1	13.5	16.8	19.1	22.5	24.7	26.9
0.0	25°	0.0	1.1	3.4	4.5	5.6	7.9	10.1	12.3	14.6	16.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.1	2.2	4.5	6.7	9.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
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	2.2
	85°	0.0	0.0	0.0	0.0	0.0	2.2	3.4	5.6	6.7	7.9
	87.5°	0.0	1.1	2.2	3.4	4.5	6.7	9.0	11.2	12.3	13.5
	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: P1049406

CATALOG NUMBER: GALN-SA5B-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
65.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.2	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											
10.1											
14.6											
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REPORT NUMBER: P1049406

CATALOG NUMBER: GALN-SA5B-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°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
0.0	2.5°	79.7	79.7	79.7	79.7	78.6	78.6	78.6	77.5	77.5	76.3
0.0	5°	73.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	73.0	73.0
0.0	7.5°	67.4	68.5	69.6	69.6	70.7	70.7	70.7	69.6	69.6	68.5
0.0	10°	64.0	65.1	65.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
0.0	12.5°	59.5	60.6	61.7	61.7	62.9	62.9	62.9	62.9	61.7	61.7
0.0	15°	53.9	56.1	57.3	58.4	58.4	59.5	59.5	59.5	59.5	59.5
0.0	17.5°	49.4	51.6	52.8	53.9	53.9	55.0	55.0	56.1	56.1	56.1
0.0	20°	40.4	42.7	43.8	46.0	47.2	48.3	49.4	50.5	50.5	51.6
0.0	22.5°	31.4	33.7	34.8	37.0	38.2	39.3	40.4	41.5	42.7	43.8
0.0	25°	22.5	24.7	25.8	28.1	29.2	30.3	31.4	32.6	32.6	33.7
0.0	27.5°	12.3	14.6	16.8	18.0	20.2	21.3	22.5	23.6	24.7	25.8
0.0	30°	5.6	6.7	7.9	10.1	11.2	12.3	13.5	15.7	16.8	18.0
0.0	32.5°	0.0	0.0	1.1	3.4	4.5	5.6	6.7	7.9	7.9	9.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.2	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°	2.2	2.2	2.2	3.4	3.4	3.4	3.4	3.4	3.4	3.4
	82.5°	5.6	6.7	7.9	7.9	9.0	9.0	9.0	9.0	7.9	7.9
	85°	11.2	12.3	13.5	13.5	14.6	14.6	14.6	14.6	14.6	14.6
	87.5°	15.7	16.8	18.0	18.0	19.1	19.1	19.1	19.1	19.1	19.1
	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: P1049406

CATALOG NUMBER: GALN-SA5B-940-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
65.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	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											
14.6											
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REPORT NUMBER: P1049406

CATALOG NUMBER: GALN-SA5B-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°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
0.0	2.5°	75.2	75.2	74.1	74.1	74.1	74.1	74.1	75.2	76.3	76.3
0.0	5°	71.9	71.9	70.7	70.7	70.7	71.9	71.9	73.0	74.1	75.2
0.0	7.5°	68.5	67.4	67.4	68.5	68.5	69.6	69.6	70.7	71.9	73.0
0.0	10°	66.2	65.1	65.1	65.1	66.2	66.2	67.4	68.5	69.6	70.7
0.0	12.5°	61.7	61.7	61.7	61.7	62.9	62.9	64.0	65.1	67.4	68.5
0.0	15°	59.5	58.4	58.4	58.4	58.4	59.5	59.5	61.7	64.0	65.1
0.0	17.5°	55.0	55.0	53.9	53.9	55.0	55.0	56.1	58.4	60.6	61.7
0.0	20°	50.5	49.4	48.3	48.3	49.4	49.4	50.5	52.8	55.0	56.1
0.0	22.5°	43.8	42.7	42.7	42.7	42.7	43.8	43.8	46.0	49.4	51.6
0.0	25°	34.8	35.9	35.9	37.0	37.0	38.2	39.3	41.5	44.9	47.2
0.0	27.5°	26.9	28.1	28.1	30.3	31.4	32.6	33.7	37.0	40.4	42.7
0.0	30°	20.2	21.3	22.5	23.6	25.8	28.1	30.3	33.7	37.0	39.3
0.0	32.5°	12.3	14.6	15.7	18.0	20.2	22.5	24.7	28.1	32.6	35.9
0.0	35°	9.0	10.1	12.3	13.5	15.7	18.0	20.2	24.7	28.1	32.6
0.0	37.5°	4.5	6.7	9.0	11.2	13.5	15.7	18.0	22.5	26.9	30.3
0.0	40°	3.4	5.6	6.7	9.0	12.3	14.6	16.8	21.3	25.8	30.3
0.0	42.5°	2.2	3.4	4.5	7.9	10.1	13.5	16.8	21.3	25.8	30.3
0.0	45°	2.2	2.2	3.4	6.7	10.1	14.6	18.0	22.5	25.8	30.3
0.0	47.5°	2.2	3.4	4.5	9.0	11.2	14.6	18.0	21.3	25.8	29.2
0.0	50°	3.4	4.5	5.6	10.1	12.3	15.7	18.0	22.5	25.8	30.3
0.0	52.5°	2.2	3.4	4.5	9.0	12.3	16.8	20.2	24.7	29.2	32.6
0.0	55°	1.1	1.1	1.1	6.7	13.5	19.1	25.8	29.2	33.7	37.0
0.0	57.5°	0.0	0.0	0.0	4.5	13.5	21.3	29.2	33.7	38.2	41.5
0.0	60°	0.0	0.0	0.0	4.5	13.5	21.3	29.2	34.8	40.4	46.0
0.0	62.5°	0.0	0.0	0.0	4.5	11.2	18.0	24.7	33.7	43.8	52.8
0.0	65°	0.0	0.0	0.0	3.4	9.0	14.6	20.2	33.7	47.2	59.5
0.0	67.5°	0.0	0.0	0.0	3.4	9.0	13.5	19.1	33.7	47.2	61.7
	70°	0.0	0.0	0.0	3.4	9.0	14.6	20.2	33.7	47.2	60.6
	72.5°	0.0	0.0	0.0	3.4	10.1	15.7	22.5	33.7	44.9	56.1
	75°	0.0	0.0	0.0	4.5	10.1	16.8	23.6	33.7	43.8	52.8
	77.5°	0.0	0.0	0.0	3.4	10.1	15.7	22.5	32.6	42.7	51.6
	80°	3.4	2.2	2.2	5.6	10.1	14.6	19.1	29.2	40.4	50.5
	82.5°	6.7	6.7	5.6	7.9	10.1	13.5	16.8	25.8	35.9	44.9
	85°	13.5	13.5	12.3	13.5	13.5	14.6	15.7	20.2	24.7	29.2
	87.5°	18.0	18.0	16.8	16.8	16.8	15.7	15.7	15.7	15.7	14.6
	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: P1049406

CATALOG NUMBER: GALN-SA5B-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
65.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.1											
67.4											
62.9											
61.7											
60.6											
53.9											
33.7											
14.6											
0.0											
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0.0											

REPORT NUMBER: P1049406

CATALOG NUMBER: GALN-SA5B-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°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
0.0	2.5°	78.6	79.7	79.7	80.8	82.0	83.1	83.1	84.2	84.2	84.2
0.0	5°	77.5	79.7	80.8	82.0	83.1	84.2	85.3	86.4	87.6	87.6
0.0	7.5°	76.3	77.5	79.7	80.8	83.1	84.2	86.4	87.6	88.7	89.8
0.0	10°	74.1	76.3	78.6	80.8	83.1	85.3	87.6	89.8	92.1	93.2
0.0	12.5°	71.9	75.2	77.5	79.7	83.1	86.4	88.7	92.1	94.3	96.5
0.0	15°	70.7	73.0	76.3	78.6	83.1	87.6	90.9	95.4	99.9	103.3
0.0	17.5°	67.4	71.9	75.2	78.6	83.1	88.7	93.2	97.7	104.4	111.1
0.0	20°	62.9	66.2	70.7	74.1	80.8	86.4	93.2	98.8	108.9	119.0
0.0	22.5°	58.4	62.9	66.2	70.7	78.6	85.3	93.2	99.9	116.8	132.5
0.0	25°	53.9	59.5	64.0	68.5	77.5	86.4	95.4	104.4	132.5	160.5
0.0	27.5°	51.6	56.1	61.7	66.2	77.5	89.8	101.0	112.3	157.2	201.0
0.0	30°	48.3	53.9	58.4	64.0	78.6	93.2	107.8	122.4	190.9	259.3
0.0	32.5°	44.9	50.5	56.1	61.7	80.8	99.9	117.9	137.0	226.8	315.5
0.0	35°	41.5	48.3	53.9	59.5	84.2	110.0	134.7	159.4	259.3	358.1
0.0	37.5°	40.4	47.2	52.8	58.4	85.3	111.1	138.1	163.9	262.7	361.5
0.0	40°	41.5	47.2	53.9	59.5	82.0	104.4	125.7	148.2	251.5	353.6
0.0	42.5°	41.5	48.3	55.0	61.7	79.7	97.7	115.6	133.6	248.1	362.6
0.0	45°	40.4	47.2	53.9	60.6	77.5	93.2	110.0	125.7	268.3	409.8
0.0	47.5°	39.3	46.0	52.8	59.5	76.3	93.2	110.0	126.9	346.9	565.8
0.0	50°	39.3	46.0	51.6	57.3	77.5	98.8	119.0	139.2	505.2	870.1
0.0	52.5°	41.5	47.2	51.6	56.1	79.7	104.4	128.0	151.6	642.2	1131.6
0.0	55°	44.9	48.3	52.8	56.1	85.3	113.4	142.6	170.6	683.7	1196.8
0.0	57.5°	49.4	52.8	56.1	59.5	95.4	131.4	166.2	202.1	687.1	1170.9
0.0	60°	55.0	59.5	62.9	66.2	104.4	143.7	181.9	220.0	622.0	1022.7
0.0	62.5°	67.4	73.0	77.5	83.1	120.1	156.1	193.1	229.0	516.4	803.8
0.0	65°	77.5	82.0	86.4	90.9	126.9	163.9	199.8	235.8	437.8	639.9
0.0	67.5°	79.7	84.2	87.6	92.1	129.1	166.2	202.1	239.1	375.0	509.7
	70°	80.8	86.4	93.2	98.8	137.0	175.1	212.2	250.4	332.3	414.3
	72.5°	77.5	88.7	98.8	108.9	144.8	179.6	215.6	250.4	308.7	367.1
	75°	77.5	93.2	107.8	122.4	149.3	175.1	202.1	227.9	272.8	317.7
	77.5°	82.0	102.2	122.4	142.6	158.3	172.9	188.6	203.2	232.4	261.6
	80°	82.0	103.3	123.5	144.8	151.6	159.4	166.2	172.9	176.3	179.6
	82.5°	70.7	87.6	104.4	121.2	113.4	105.5	97.7	89.8	84.2	77.5
	85°	35.9	39.3	41.5	43.8	40.4	37.0	33.7	30.3	28.1	24.7
	87.5°	14.6	14.6	13.5	13.5	13.5	13.5	12.3	12.3	12.3	12.3
	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: P1049406

CATALOG NUMBER: GALN-SA5B-940-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
65.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
239.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
332.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
562.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
638.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
696.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
753.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
865.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1090.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1661.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2545.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3204.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3277.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2957.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2528.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1493.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1102.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
780.3											
580.4											
422.1											
317.7											
178.5											
80.8											
23.6											
11.2											
0.0											
0.0											
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REPORT NUMBER: P1049406

CATALOG NUMBER: GALN-SA5B-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°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
0.0	2.5°	84.2	83.1	83.1	82.0	80.8	79.7	78.6	77.5	76.3	75.2
0.0	5°	87.6	87.6	87.6	86.4	86.4	85.3	85.3	84.2	83.1	82.0
0.0	7.5°	90.9	92.1	92.1	93.2	93.2	93.2	93.2	92.1	92.1	92.1
0.0	10°	96.5	97.7	98.8	99.9	101.0	102.2	102.2	103.3	103.3	103.3
0.0	12.5°	103.3	106.7	108.9	112.3	114.5	117.9	120.1	123.5	125.7	128.0
0.0	15°	113.4	119.0	125.7	131.4	137.0	144.8	153.8	161.7	169.5	181.9
0.0	17.5°	128.0	145.9	163.9	180.7	198.7	238.0	277.3	315.5	354.8	412.0
0.0	20°	156.1	209.9	262.7	316.6	369.4	507.4	644.4	782.5	919.5	1066.5
0.0	22.5°	218.9	351.4	483.9	616.3	748.8	1037.3	1324.7	1613.3	1900.7	2238.6
0.0	25°	317.7	561.3	805.0	1047.4	1291.1	1742.4	2194.8	2646.1	3097.4	3536.4
0.0	27.5°	462.5	835.3	1208.0	1579.6	1952.3	2564.2	3177.1	3789.0	4400.9	4897.1
0.0	30°	641.0	1146.2	1651.4	2156.6	2661.8	3357.9	4053.9	4748.9	5444.9	5987.2
0.0	32.5°	809.4	1428.0	2046.6	2664.1	3282.7	4075.3	4869.0	5661.6	6454.2	7047.0
0.0	35°	919.5	1667.2	2416.0	3163.7	3911.4	4769.1	5626.8	6483.4	7341.1	8018.1
0.0	37.5°	1029.5	1892.8	2755.0	3618.4	4480.6	5422.5	6364.4	7306.3	8248.2	9084.6
0.0	40°	1153.0	2165.6	3177.1	4189.8	5201.3	6317.2	7432.0	8548.0	9662.8	10842.7
0.0	42.5°	1367.4	2618.1	3869.8	5120.5	6371.1	7847.4	9323.7	10798.9	12275.2	13959.2
0.0	45°	1770.4	3533.0	5296.7	7059.3	8821.9	10777.6	12734.4	14690.1	16645.8	18886.6
0.0	47.5°	2757.3	5182.2	7606.1	10031.0	12454.9	14566.6	16677.2	18788.9	20899.5	23131.4
0.0	50°	4219.0	7041.4	9863.7	12685.0	15507.4	17418.2	19327.8	21238.6	23148.2	25271.2
0.0	52.5°	5276.5	8216.8	11158.2	14098.4	17038.7	18763.1	20488.7	22213.1	23937.5	25921.2
0.0	55°	5356.2	8279.7	11204.2	14127.6	17051.1	18783.3	20515.6	22247.9	23980.1	26082.9
0.0	57.5°	4742.1	7642.0	10540.7	13440.6	16339.3	18311.8	20283.2	22255.7	24227.1	26500.5
0.0	60°	4033.7	6934.7	9834.6	12735.5	15635.4	17907.6	20181.0	22453.3	24725.6	26855.3
0.0	62.5°	3146.8	6130.9	9116.0	12100.1	15084.1	17391.2	19698.3	22004.3	24311.3	25908.9
0.0	65°	2345.2	5242.8	8140.5	11036.9	13934.5	15782.4	17630.3	19477.1	21325.0	22314.1
0.0	67.5°	1695.2	4194.3	6692.2	9191.3	11689.2	13011.7	14334.2	15655.6	16978.1	17734.8
	70°	1146.2	2877.4	4607.4	6338.6	8068.6	9155.3	10243.2	11329.9	12416.7	13438.3
	72.5°	793.7	1766.0	2739.3	3711.5	4683.8	5777.2	6869.6	7963.1	9055.4	10136.6
	75°	526.5	968.9	1412.3	1854.6	2297.0	3106.4	3917.0	4726.4	5535.9	6180.3
	77.5°	373.8	506.3	639.9	772.4	904.9	1056.4	1209.1	1360.7	1512.2	1742.4
	80°	177.4	194.2	211.1	226.8	243.6	298.6	353.6	408.7	463.7	522.0
	82.5°	84.2	90.9	97.7	103.3	110.0	115.6	121.2	126.9	132.5	126.9
	85°	22.5	22.5	23.6	23.6	23.6	23.6	23.6	23.6	23.6	22.5
	87.5°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	9.0	9.0	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°
65.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
195.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
468.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1214.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2576.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3975.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5393.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6530.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7640.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8695.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9922.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12022.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15643.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21127.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25363.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27394.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27905.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28186.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28773.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28983.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27507.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23304.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18492.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14458.8											
11217.7											
6824.7											
1972.5											
580.4											
120.1											
21.3											
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°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
0.0	2.5°	73.0	71.9	70.7	69.6	68.5	66.2	66.2	65.1	65.1
0.0	5°	79.7	78.6	77.5	76.3	76.3	75.2	74.1	74.1	73.0
0.0	7.5°	90.9	89.8	88.7	87.6	87.6	86.4	86.4	85.3	85.3
0.0	10°	104.4	104.4	104.4	104.4	104.4	103.3	103.3	103.3	102.2
0.0	12.5°	131.4	132.5	134.7	137.0	140.3	140.3	140.3	139.2	139.2
0.0	15°	207.7	220.0	229.0	238.0	245.9	263.8	261.6	258.2	256.0
0.0	17.5°	525.4	581.5	611.9	641.0	671.4	754.4	741.0	727.5	715.1
0.0	20°	1361.8	1508.9	1606.5	1704.2	1803.0	1959.1	1920.9	1882.7	1844.5
0.0	22.5°	2913.3	3251.2	3398.3	3545.4	3691.3	3879.9	3757.6	3635.2	3513.9
0.0	25°	4413.2	4852.2	5100.3	5348.4	5595.4	5703.1	5543.7	5383.2	5223.8
0.0	27.5°	5889.5	6385.7	6604.6	6822.4	7041.4	7267.0	7069.4	6870.7	6673.1
0.0	30°	7072.8	7615.0	7851.9	8087.7	8324.6	8481.7	8277.4	8072.0	7867.6
0.0	32.5°	8233.6	8826.4	9085.7	9345.1	9603.3	9828.9	9577.5	9324.9	9073.4
0.0	35°	9370.9	10047.9	10404.9	10761.9	11118.9	11328.8	11030.2	10730.4	10431.8
0.0	37.5°	10758.5	11594.9	11994.6	12394.2	12793.9	13176.7	12847.8	12517.7	12188.8
0.0	40°	13202.6	14382.5	14995.4	15609.5	16222.5	16716.5	16301.1	15885.7	15470.3
0.0	42.5°	17327.2	19011.2	19892.5	20772.7	21654.0	22425.3	21988.5	21551.8	21115.1
0.0	45°	23368.3	25609.1	26683.5	27756.8	28831.2	29394.8	28766.1	28136.3	27507.6
0.0	47.5°	27594.0	29825.9	30782.4	31738.9	32695.4	33338.7	32569.7	31800.6	31032.7
0.0	50°	29516.0	31639.0	32598.9	33557.6	34517.5	35028.3	34140.3	33251.1	32363.1
0.0	52.5°	29887.6	31871.4	33016.5	34162.7	35307.8	35990.4	34941.9	33892.2	32843.6
0.0	55°	30289.5	32392.3	33720.4	35049.6	36377.7	37323.0	36137.5	34950.8	33765.3
0.0	57.5°	31046.2	33319.6	34644.3	35968.0	37292.7	38095.4	36906.5	35716.5	34527.6
0.0	60°	31113.6	33242.1	34380.5	35520.0	36658.4	37163.6	36026.3	34888.0	33750.7
0.0	62.5°	29105.1	30702.7	31493.0	32283.4	33073.7	33622.7	32436.1	31248.3	30061.6
0.0	65°	24293.4	25282.4	25912.3	26542.1	27171.9	27826.4	26739.7	25652.9	24566.2
0.0	67.5°	19249.2	20005.9	20835.6	21665.2	22494.9	23194.3	22324.2	21453.0	20583.0
	70°	15480.4	16500.9	17433.9	18366.8	19299.8	19872.3	18998.9	18124.3	17250.9
	72.5°	12298.8	13379.9	14159.1	14937.1	15716.2	15856.5	15214.4	14572.2	13931.2
	75°	7468.0	8112.4	8128.1	8142.7	8158.4	8292.0	7759.9	7227.7	6696.7
	77.5°	2202.7	2432.8	2622.5	2811.2	3000.9	3229.9	3034.6	2838.1	2642.8
	80°	637.7	696.1	745.5	793.7	843.1	813.9	767.9	721.9	675.8
	82.5°	114.5	107.8	106.7	105.5	105.5	99.9	90.9	82.0	73.0
	85°	20.2	19.1	18.0	16.8	15.7	14.6	12.3	11.2	9.0
	87.5°	6.7	5.6	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: P1049406

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CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
0.0	0.0	2.5°	64.0	62.9	62.9	62.9	62.9	61.7	61.7	61.7	61.7
0.0	0.0	5°	70.7	70.7	69.6	69.6	68.5	68.5	67.4	67.4	66.2
0.0	0.0	7.5°	83.1	82.0	80.8	79.7	78.6	76.3	75.2	74.1	74.1
0.0	0.0	10°	99.9	97.7	96.5	94.3	93.2	90.9	88.7	86.4	84.2
0.0	0.0	12.5°	131.4	126.9	123.5	119.0	114.5	111.1	106.7	103.3	98.8
0.0	0.0	15°	227.9	216.7	204.3	189.7	174.0	159.4	143.7	134.7	124.6
0.0	0.0	17.5°	582.7	524.3	464.8	416.5	368.2	321.1	272.8	238.0	203.2
0.0	0.0	20°	1483.0	1321.4	1159.7	1000.3	839.8	680.3	519.8	439.0	358.1
0.0	0.0	22.5°	2790.9	2491.2	2190.3	1899.6	1607.7	1316.9	1026.1	843.1	661.3
0.0	0.0	25°	4307.7	3930.5	3553.2	3075.0	2595.6	2117.3	1639.1	1341.6	1044.1
0.0	0.0	27.5°	5605.5	5171.0	4736.5	4155.0	3573.4	2991.9	2410.4	1966.9	1524.6
0.0	0.0	30°	6729.3	6262.2	5795.2	5118.2	4441.3	3764.3	3087.3	2532.7	1978.1
0.0	0.0	32.5°	7703.7	7144.6	6585.6	5887.3	5189.0	4490.7	3792.4	3112.0	2431.7
0.0	0.0	35°	8827.5	8175.3	7521.9	6747.2	5971.5	5196.8	4422.2	3654.3	2885.3
0.0	0.0	37.5°	10255.6	9455.1	8653.5	7790.2	6926.8	6064.6	5201.3	4323.4	3445.5
0.0	0.0	40°	12989.2	11956.4	10923.5	9826.7	8728.7	7631.9	6535.0	5457.3	4379.5
0.0	0.0	42.5°	17887.4	16492.0	15096.5	13637.0	12176.4	10717.0	9256.4	7736.3	6215.1
0.0	0.0	45°	23415.4	21684.3	19952.0	18314.0	16675.0	15037.0	13399.0	11313.1	9227.2
0.0	0.0	47.5°	26524.1	24654.9	22785.6	21235.2	19684.8	18134.4	16584.0	14335.3	12086.6
0.0	0.0	50°	27668.1	25765.2	23862.3	22435.4	21007.3	19580.4	18152.4	15900.3	13647.1
0.0	0.0	52.5°	27911.7	25970.6	24029.5	22593.7	21157.8	19723.0	18287.1	16049.6	13812.2
0.0	0.0	55°	28412.4	26329.9	24246.2	22609.4	20972.5	19335.7	17698.8	15425.4	13152.0
0.0	0.0	57.5°	29066.9	26931.6	24796.3	22931.6	21066.8	19203.2	17338.5	14852.9	12367.3
0.0	0.0	60°	28895.2	27037.2	25178.0	23180.8	21182.5	19185.2	17186.9	14453.2	11718.4
0.0	0.0	62.5°	25913.4	24433.7	22952.9	21310.4	19666.9	18024.4	16381.9	13567.4	10752.9
0.0	0.0	65°	21318.3	20238.3	19158.3	17836.9	16514.4	15193.0	13871.7	11347.9	8825.3
0.0	0.0	67.5°	17277.8	16060.9	14842.8	13789.7	12735.5	11682.5	10628.3	8642.3	6656.3
		70°	13726.8	12403.2	11078.5	10050.1	9020.6	7992.3	6963.9	5643.6	4324.5
		72.5°	10901.1	9707.7	8514.3	7417.5	6319.5	5222.6	4124.7	3344.4	2564.2
		75°	5210.3	4733.2	4256.0	3682.3	3108.7	2535.0	1961.3	1621.1	1282.1
		77.5°	1931.0	1673.9	1415.7	1182.2	948.7	716.3	482.7	442.3	401.9
		80°	499.6	435.6	370.5	324.5	277.3	231.3	185.2	167.3	150.4
		82.5°	57.3	52.8	49.4	47.2	43.8	41.5	38.2	34.8	31.4
		85°	3.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA5B-940-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049406

CATALOG NUMBER: GALN-SA5B-940-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	65.1	65.1
0.0	0.0	2.5°	60.6	59.5
0.0	0.0	5°	64.0	62.9
0.0	0.0	7.5°	70.7	68.5
0.0	0.0	10°	77.5	75.2
0.0	0.0	12.5°	87.6	84.2
0.0	0.0	15°	98.8	92.1
0.0	0.0	17.5°	117.9	103.3
0.0	0.0	20°	159.4	122.4
0.0	0.0	22.5°	224.5	152.7
0.0	0.0	25°	330.1	211.1
0.0	0.0	27.5°	459.2	280.7
0.0	0.0	30°	610.7	351.4
0.0	0.0	32.5°	744.3	418.8
0.0	0.0	35°	918.3	487.2
0.0	0.0	37.5°	1132.8	574.8
0.0	0.0	40°	1465.1	707.3
0.0	0.0	42.5°	2063.5	952.0
0.0	0.0	45°	3351.2	1645.8
0.0	0.0	47.5°	5156.4	2722.5
0.0	0.0	50°	6308.3	3474.7
0.0	0.0	52.5°	6402.6	3469.0
0.0	0.0	55°	5844.6	3084.0
0.0	0.0	57.5°	4986.9	2577.6
0.0	0.0	60°	4144.9	2038.8
0.0	0.0	62.5°	3265.8	1407.8
0.0	0.0	65°	2386.8	995.8
0.0	0.0	67.5°	1714.3	744.3
		70°	1127.2	570.3
		72.5°	734.2	464.8
		75°	494.0	385.1
		77.5°	288.5	256.0
		80°	102.2	89.8
		82.5°	19.1	13.5
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049406

CATALOG NUMBER: GALN-SA5B-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

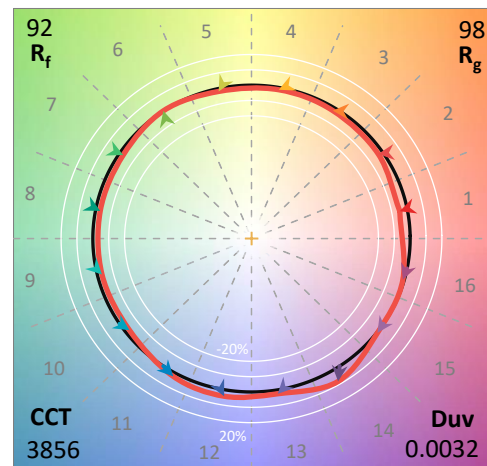
Test Information

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

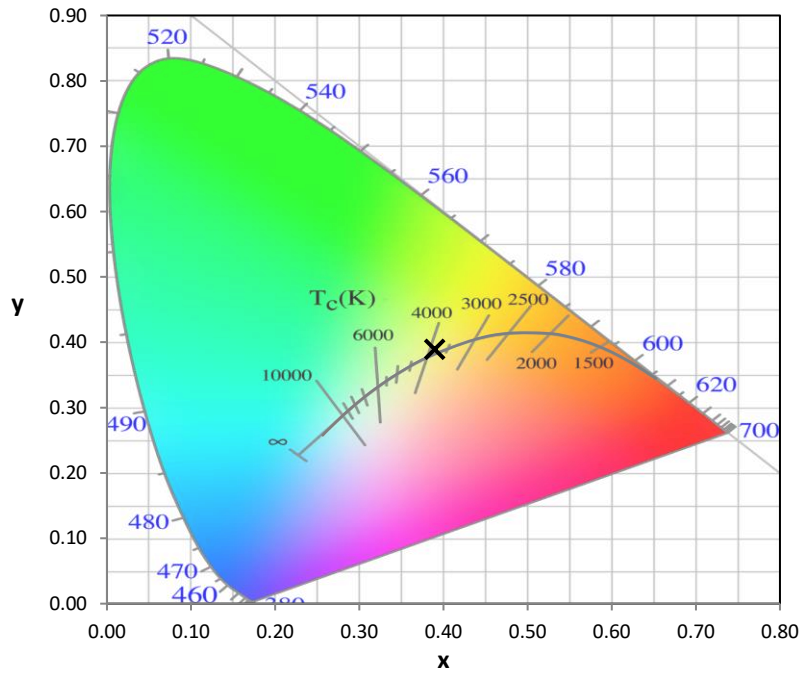
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

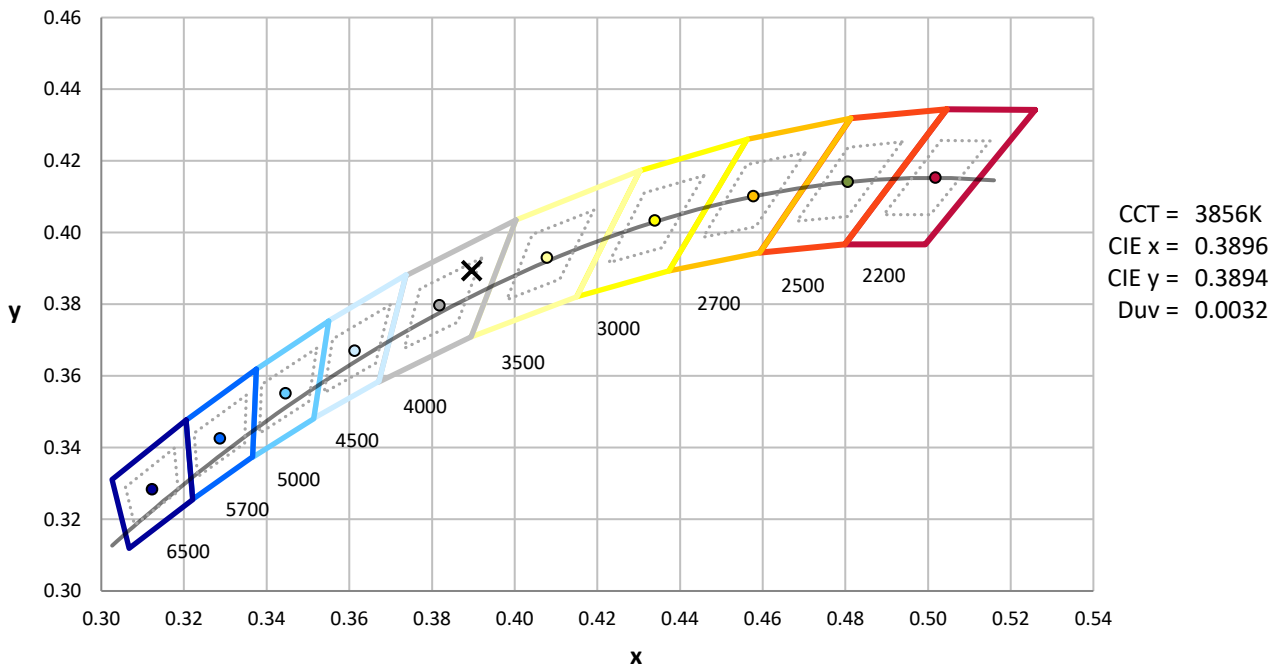
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



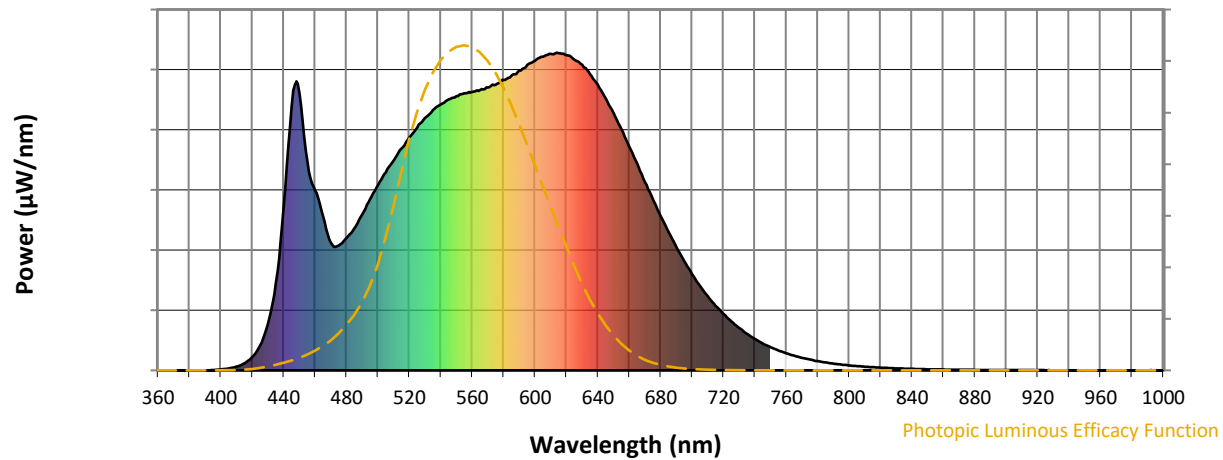
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

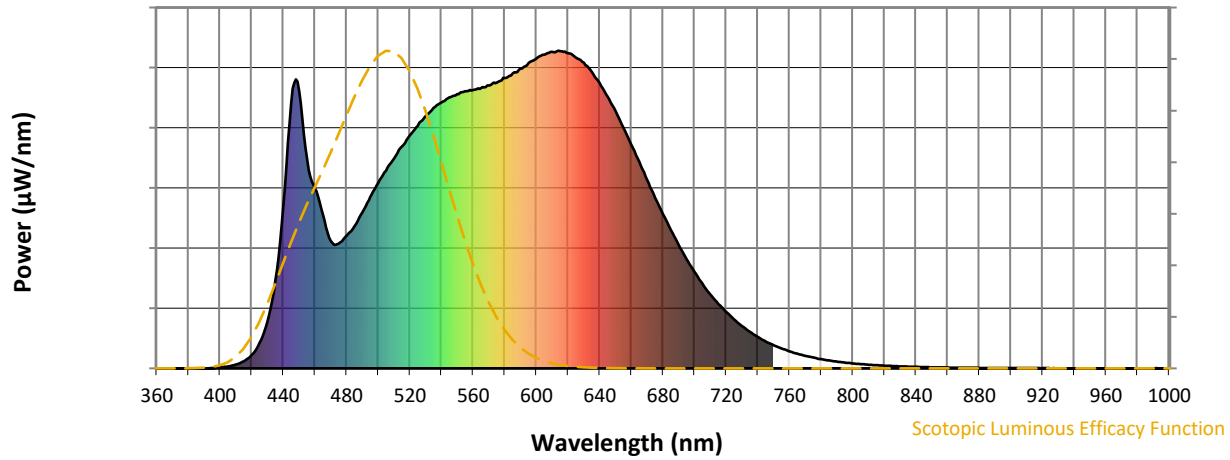


Photopic Lumens: NR

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



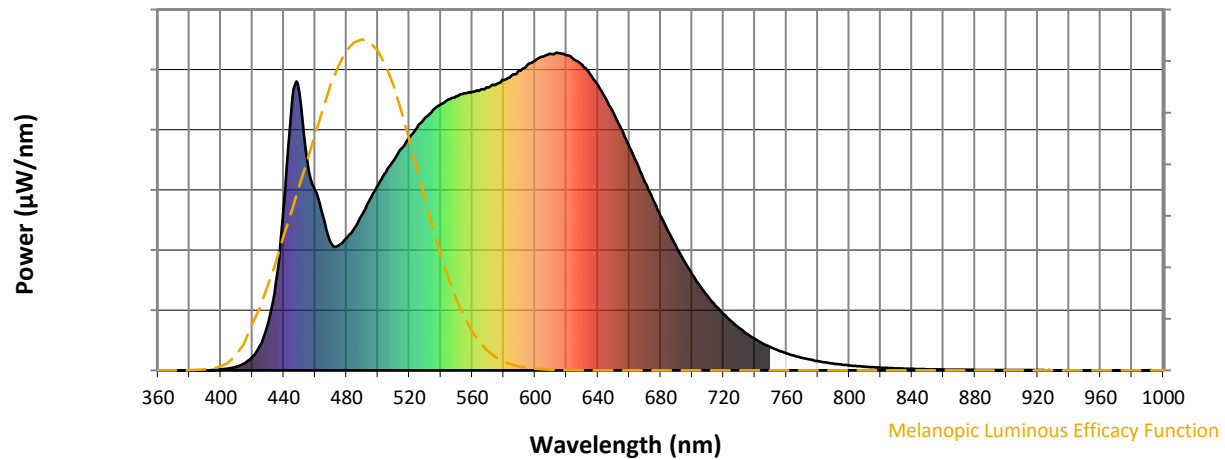
Scotopic Lumens: NR

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

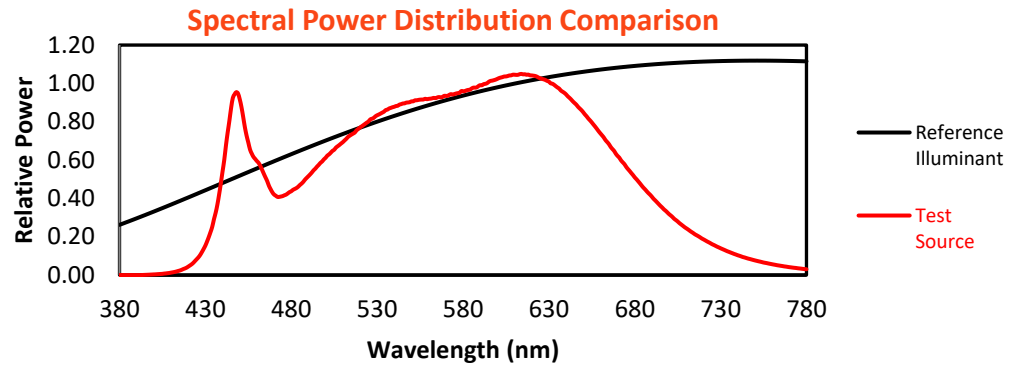
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492	NR	620	993	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

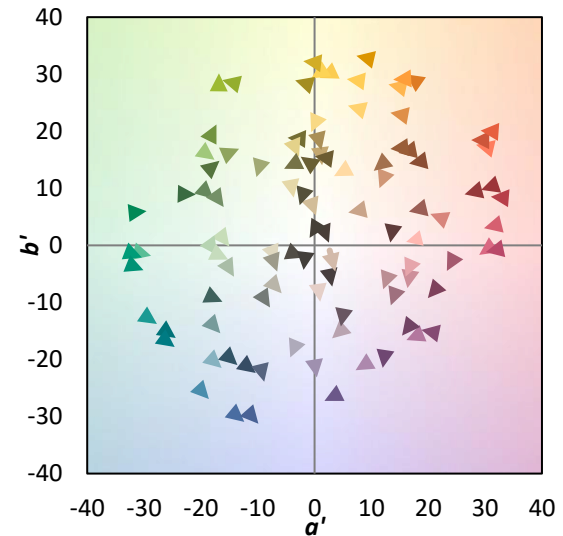
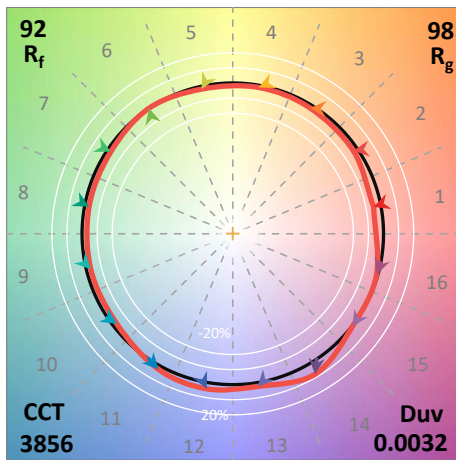
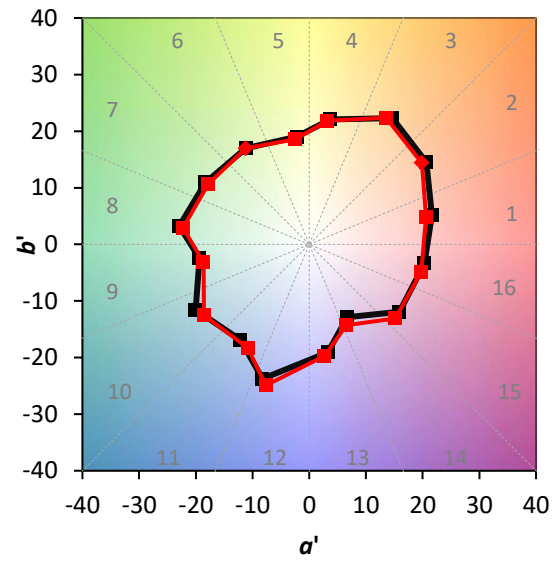
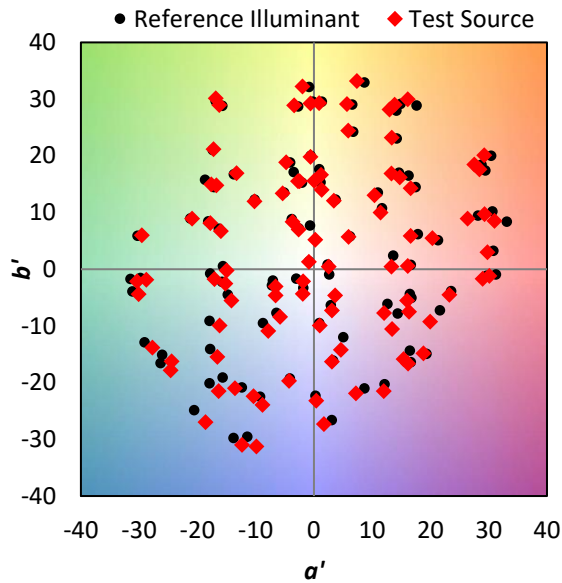
TM-30-18

Summary

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

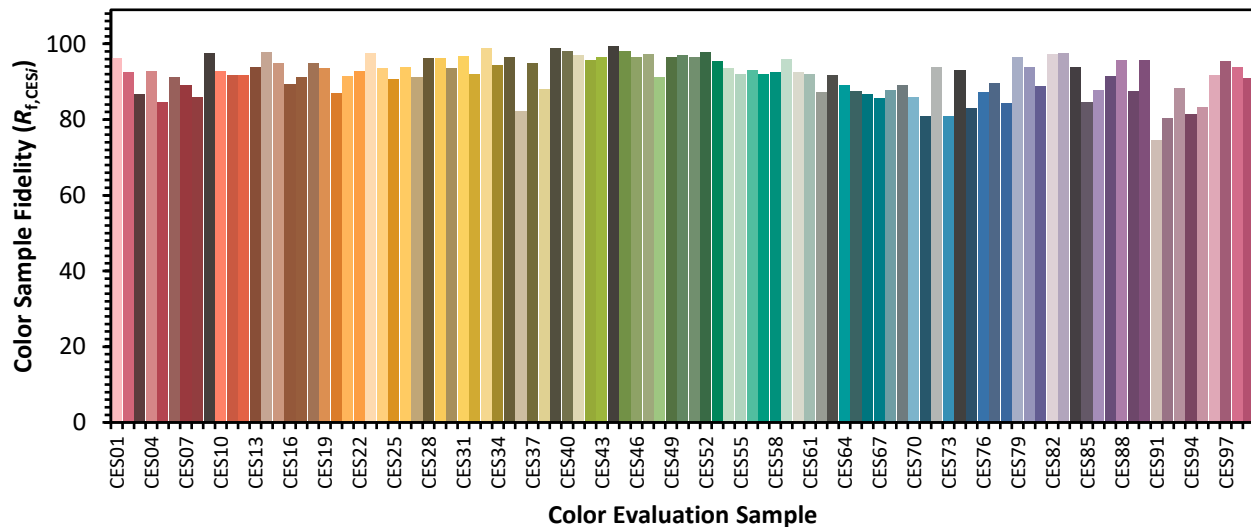


Color Vector Graphics

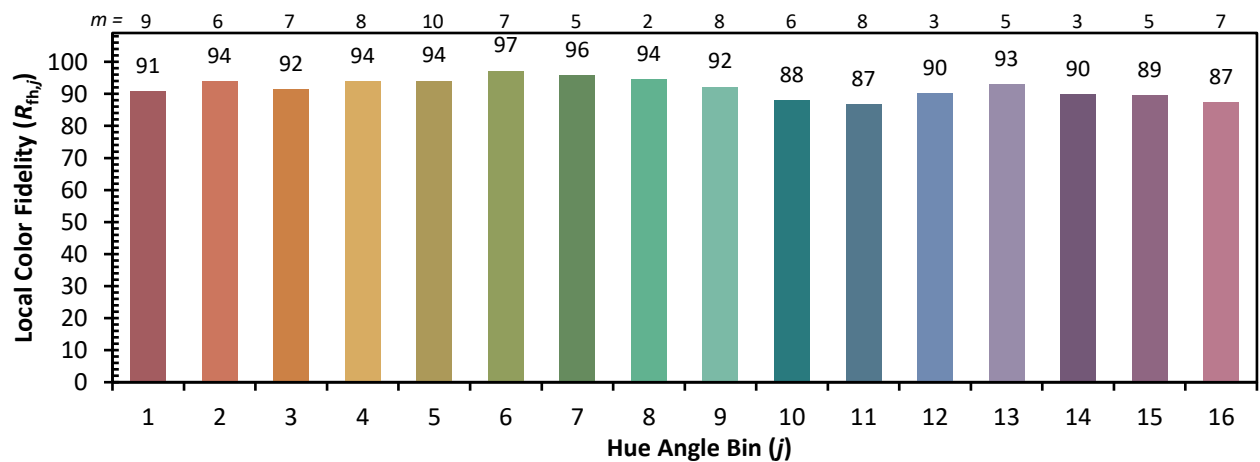
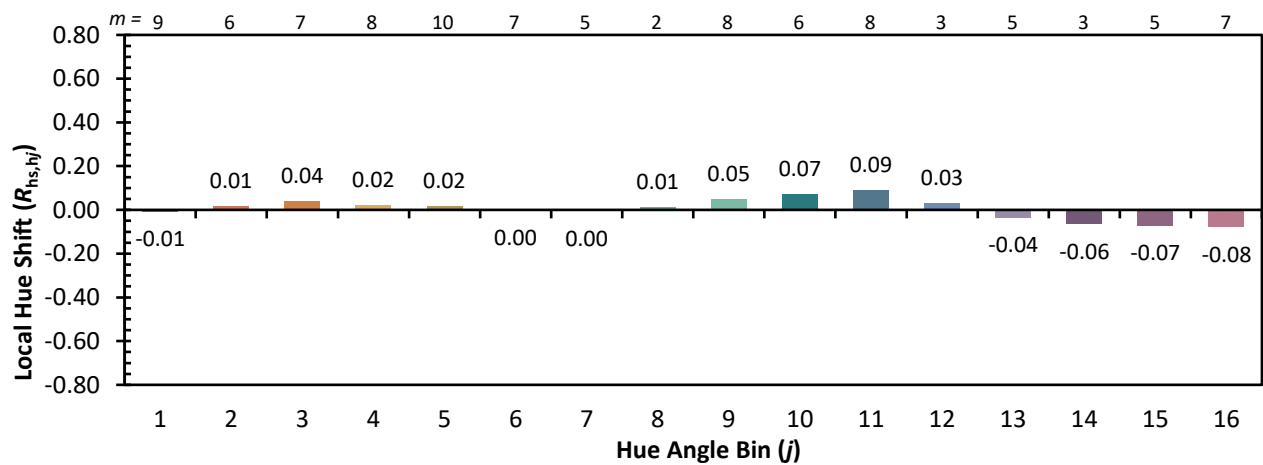
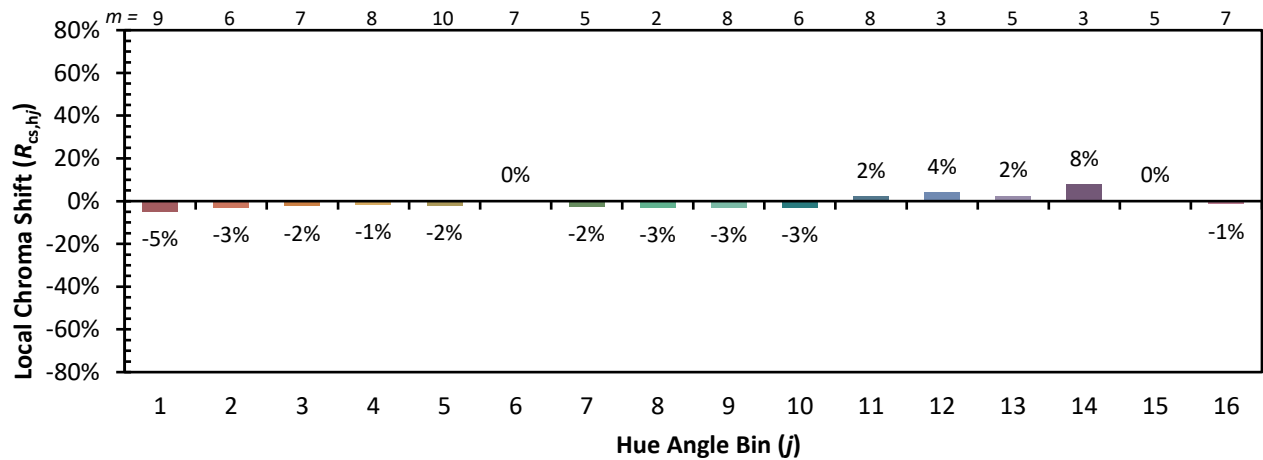


Individual Sample Fidelity Index ($R_{f,i}$)

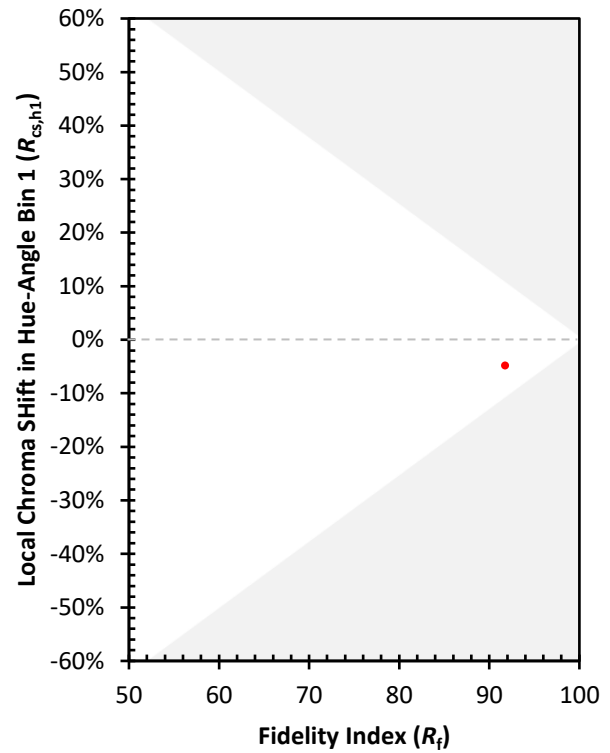
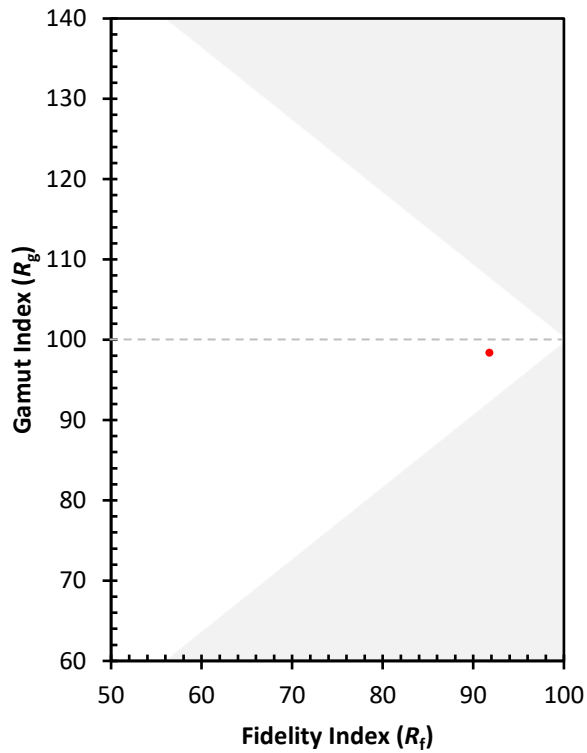
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82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