

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: P1049341

Luminaire Tested: **GALN-SA7A-930-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049341
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7A-930-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
90CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (98) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

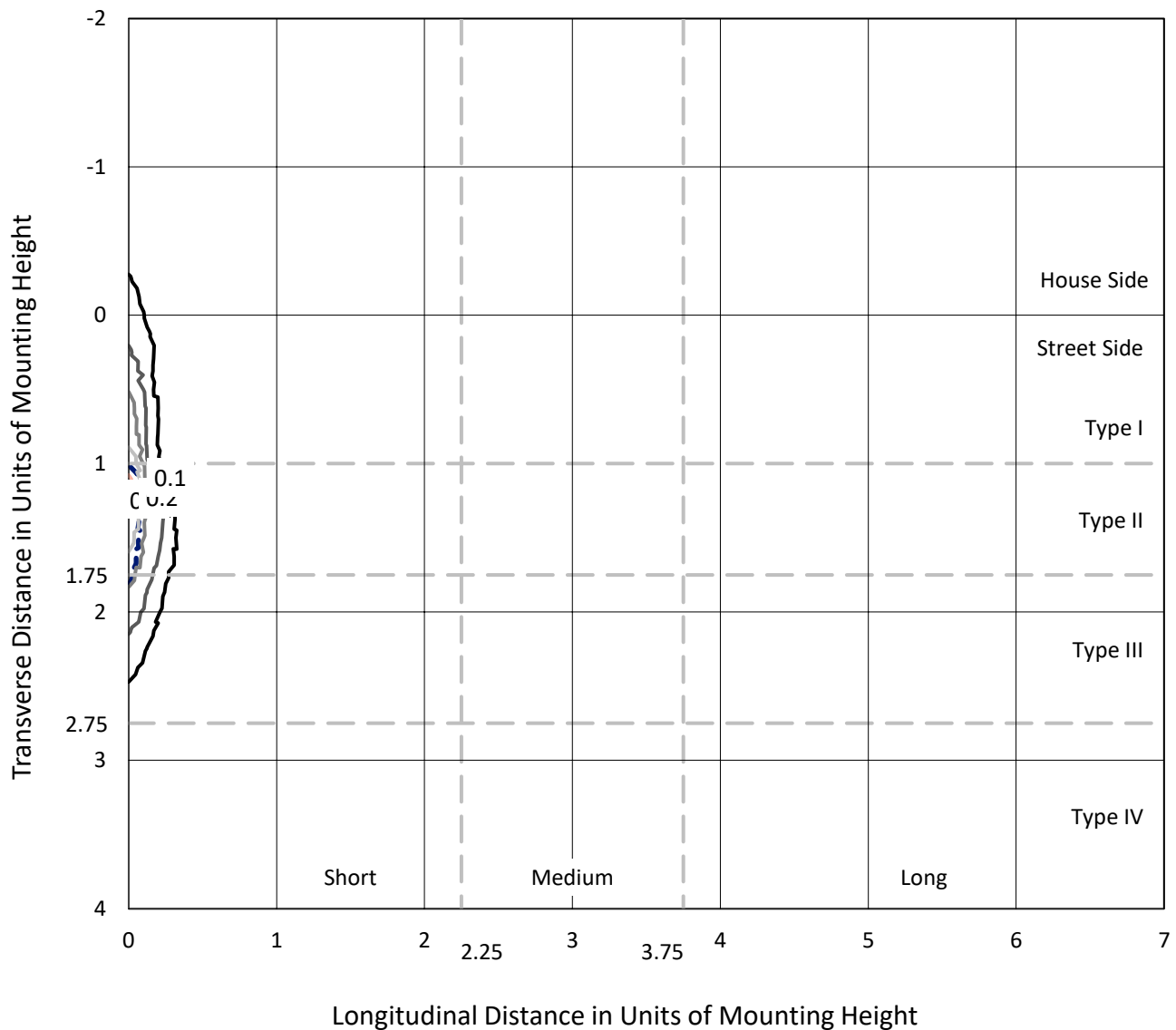
Lumens per Lamp: N/A
Luminaire Lumens: 15694.5 lumens
Efficiency: N/A
Efficacy: 81.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 193.1
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

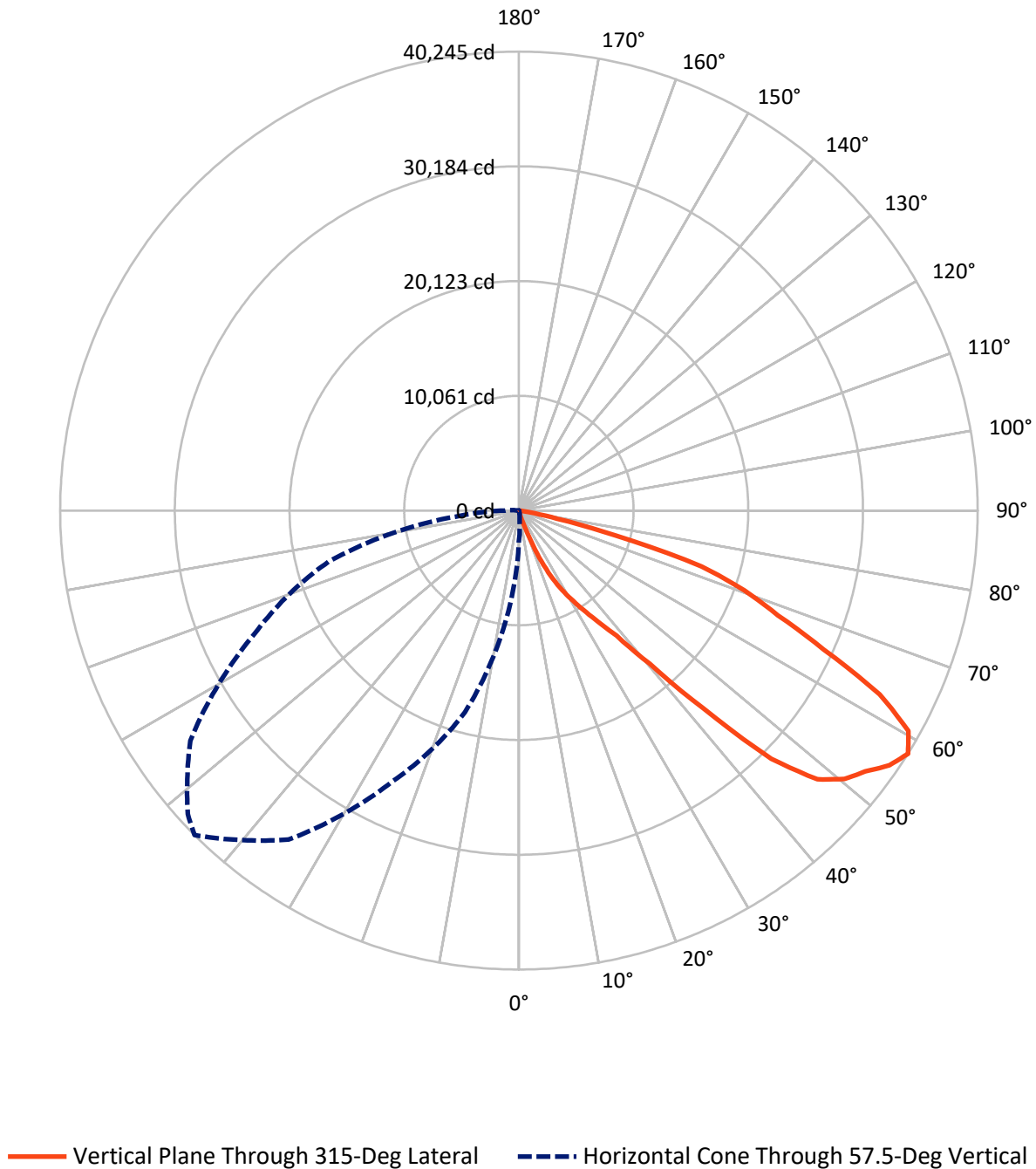
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.3 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	78.6	0.0	78.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	15615.9	0.0	15615.9
	% Fixture	99.5	0.0	99.5
Total	Lumens	15694.5	0.0	15694.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.2	0.0
10°-20°	34.5	0.2
20°-30°	371.9	2.4
30°-40°	1099.9	7.0
40°-50°	3278.0	20.9
50°-60°	5197.7	33.1
60°-70°	4338.8	27.6
70°-80°	1337.9	8.5
80°-90°	29.8	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	15694.5	100.0
0°-180°	15694.5	100.0



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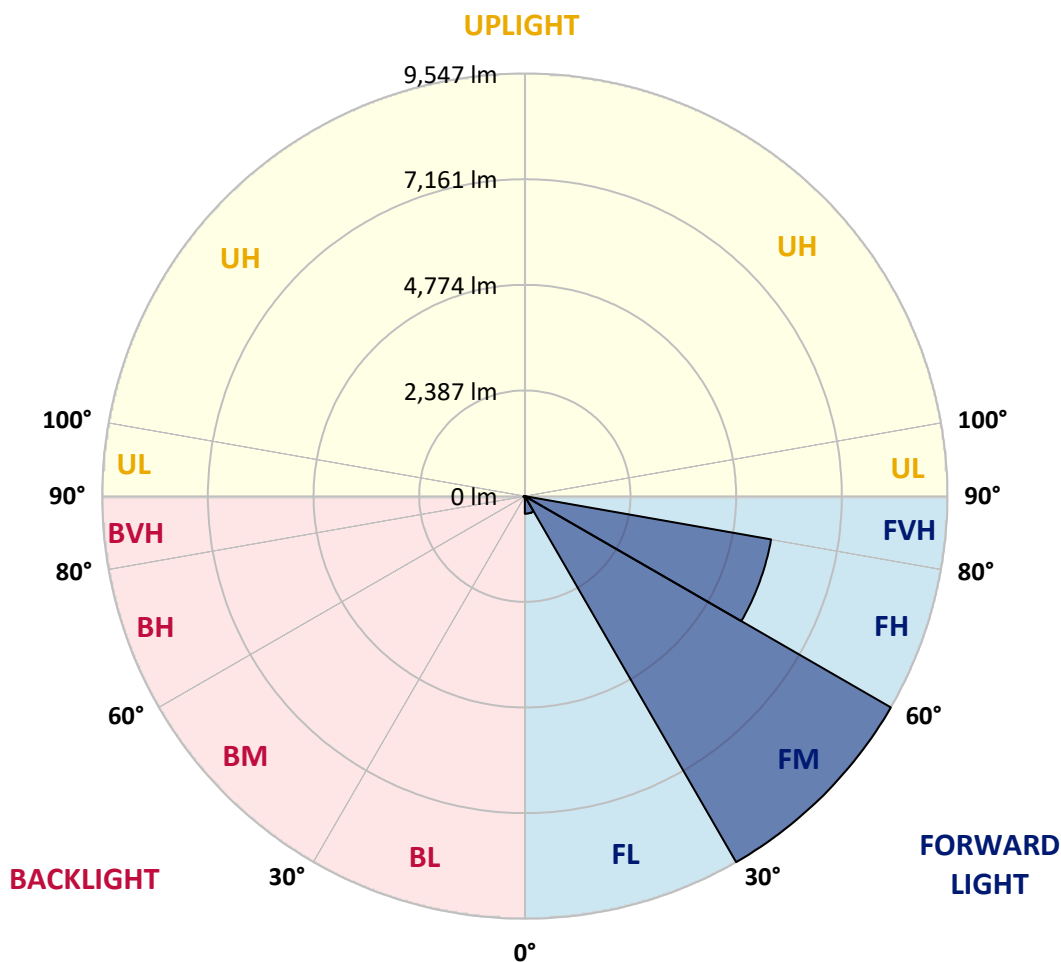
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	398.1	2.5			
FM	(30°-60°)	9547.4	60.8			
FH	(60°-80°)	5647.4	36.0			G3/7500
FVH	(80°-90°)	23.0	0.1			G1/100
BL	(0°-30°)	14.4	0.1	B0/110		
BM	(30°-60°)	28.1	0.2	B0/220		
BH	(60°-80°)	29.3	0.2	B0/110		G0/110
BVH	(80°-90°)	6.7	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°	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
2.5°	62.9	62.9	62.9	62.9	61.7	61.7	60.5	60.5	59.3	59.3
5°	66.4	66.4	65.2	64.0	64.0	62.9	61.7	60.5	60.5	59.3
7.5°	72.3	71.2	70.0	68.8	66.4	65.2	62.9	61.7	60.5	58.1
10°	79.5	77.1	74.7	72.3	70.0	67.6	65.2	64.0	61.7	60.5
12.5°	89.0	85.4	80.6	77.1	74.7	71.2	68.8	66.4	62.9	60.5
15°	97.3	92.5	86.6	81.8	78.3	73.5	70.0	66.4	64.0	60.5
17.5°	109.1	100.8	91.3	85.4	80.6	74.7	68.8	65.2	61.7	56.9
20°	129.3	112.7	94.9	87.8	80.6	73.5	66.4	61.7	58.1	53.4
22.5°	161.3	132.8	104.4	93.7	84.2	73.5	64.0	59.3	54.6	49.8
25°	223.0	172.0	121.0	106.7	92.5	78.3	64.0	58.1	53.4	47.4
27.5°	296.5	220.6	143.5	123.3	104.4	84.2	64.0	56.9	51.0	43.9
30°	371.2	270.4	168.4	142.3	116.2	90.1	64.0	55.7	48.6	40.3
32.5°	442.4	316.7	189.8	158.9	128.1	96.1	65.2	55.7	46.3	36.8
35°	514.7	354.6	193.3	161.3	129.3	96.1	64.0	53.4	43.9	33.2
37.5°	607.2	397.3	186.2	154.2	123.3	91.3	60.5	51.0	41.5	30.8
40°	747.2	468.5	189.8	156.6	123.3	90.1	56.9	47.4	39.1	29.7
42.5°	1005.7	606.1	205.2	167.2	129.3	90.1	52.2	43.9	36.8	28.5
45°	1738.7	1006.9	275.2	218.2	161.3	104.4	47.4	40.3	34.4	27.3
47.5°	2876.1	1685.3	494.6	381.9	270.4	157.7	46.3	40.3	34.4	27.3
50°	3670.7	2146.7	622.7	479.2	335.6	192.1	48.6	41.5	35.6	28.5
52.5°	3664.8	2179.9	693.8	532.5	372.4	211.1	51.0	43.9	38.0	30.8
55°	3258.0	1983.0	706.9	543.2	380.7	217.0	54.6	47.4	40.3	33.2
57.5°	2723.1	1684.1	645.2	499.3	354.6	208.7	62.9	54.6	47.4	39.1
60°	2153.8	1328.3	502.9	397.3	292.9	187.4	83.0	72.3	62.9	52.2
62.5°	1487.3	963.0	438.8	352.2	266.9	180.3	94.9	84.2	74.7	64.0
65°	1052.0	724.7	396.1	322.6	250.3	176.7	103.2	91.3	80.6	68.8
67.5°	786.3	576.4	365.3	302.4	239.6	176.7	113.9	99.6	86.6	72.3
70°	602.5	473.2	342.8	291.8	241.9	190.9	140.0	119.8	100.8	80.6
72.5°	491.0	404.4	316.7	279.9	243.1	206.4	169.6	143.5	117.4	90.1
75°	406.8	346.3	285.8	255.0	225.3	194.5	163.7	140.0	117.4	93.7
77.5°	270.4	246.7	221.8	204.0	186.2	167.2	149.4	129.3	110.3	90.1
80°	94.9	91.3	87.8	94.9	102.0	109.1	116.2	102.0	89.0	74.7
82.5°	14.2	13.0	11.9	13.0	14.2	15.4	16.6	17.8	19.0	20.2
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°	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
0.0	2.5°	58.1	58.1	56.9	56.9	56.9	55.7	55.7	54.6	54.6	54.6
0.0	5°	56.9	56.9	55.7	54.6	53.4	53.4	52.2	51.0	51.0	49.8
0.0	7.5°	55.7	54.6	53.4	52.2	51.0	49.8	48.6	47.4	47.4	46.3
0.0	10°	56.9	54.6	53.4	51.0	49.8	48.6	46.3	45.1	43.9	43.9
0.0	12.5°	54.6	53.4	51.0	48.6	47.4	45.1	43.9	41.5	40.3	40.3
0.0	15°	54.6	52.2	48.6	46.3	43.9	42.7	40.3	38.0	36.8	35.6
0.0	17.5°	51.0	48.6	45.1	42.7	40.3	38.0	35.6	33.2	32.0	30.8
0.0	20°	46.3	43.9	40.3	36.8	34.4	32.0	29.7	27.3	26.1	24.9
0.0	22.5°	41.5	39.1	35.6	32.0	29.7	27.3	23.7	21.3	20.2	17.8
0.0	25°	39.1	35.6	32.0	28.5	24.9	22.5	19.0	15.4	13.0	10.7
0.0	27.5°	33.2	29.7	26.1	22.5	19.0	15.4	11.9	8.3	5.9	4.7
0.0	30°	28.5	24.9	21.3	17.8	13.0	9.5	5.9	1.2	1.2	1.2
0.0	32.5°	23.7	20.2	15.4	11.9	9.5	5.9	3.6	0.0	0.0	0.0
0.0	35°	19.0	15.4	10.7	7.1	5.9	3.6	2.4	0.0	0.0	0.0
0.0	37.5°	16.6	13.0	8.3	3.6	2.4	2.4	1.2	0.0	0.0	0.0
0.0	40°	15.4	10.7	5.9	1.2	1.2	1.2	0.0	0.0	0.0	0.0
0.0	42.5°	15.4	10.7	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	15.4	10.7	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	15.4	10.7	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	16.6	11.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	19.0	14.2	9.5	4.7	3.6	2.4	1.2	0.0	0.0	0.0
0.0	55°	23.7	21.3	17.8	15.4	11.9	8.3	3.6	0.0	0.0	0.0
0.0	57.5°	30.8	30.8	29.7	28.5	21.3	14.2	7.1	0.0	0.0	0.0
0.0	60°	41.5	41.5	41.5	41.5	30.8	21.3	10.7	0.0	0.0	0.0
0.0	62.5°	51.0	48.6	45.1	42.7	32.0	21.3	10.7	0.0	0.0	0.0
0.0	65°	51.0	46.3	40.3	34.4	26.1	17.8	8.3	0.0	0.0	0.0
0.0	67.5°	47.4	38.0	27.3	17.8	13.0	9.5	4.7	0.0	0.0	0.0
	70°	47.4	33.2	19.0	4.7	3.6	2.4	1.2	0.0	0.0	0.0
	72.5°	47.4	32.0	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	52.2	35.6	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	52.2	35.6	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	46.3	30.8	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	15.4	10.7	4.7	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):

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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°	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
0.0	2.5°	53.4	53.4	53.4	52.2	52.2	52.2	52.2	51.0	51.0	51.0
0.0	5°	48.6	48.6	47.4	47.4	46.3	46.3	45.1	45.1	43.9	43.9
0.0	7.5°	45.1	43.9	43.9	42.7	41.5	41.5	40.3	40.3	39.1	38.0
0.0	10°	41.5	40.3	40.3	39.1	38.0	36.8	36.8	35.6	34.4	33.2
0.0	12.5°	38.0	36.8	35.6	34.4	33.2	32.0	32.0	30.8	29.7	28.5
0.0	15°	33.2	32.0	30.8	29.7	28.5	27.3	27.3	26.1	24.9	23.7
0.0	17.5°	28.5	27.3	27.3	26.1	24.9	23.7	22.5	20.2	19.0	17.8
0.0	20°	21.3	20.2	19.0	17.8	16.6	14.2	13.0	10.7	8.3	7.1
0.0	22.5°	14.2	11.9	10.7	8.3	5.9	4.7	3.6	1.2	0.0	0.0
0.0	25°	4.7	3.6	2.4	1.2	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: P1049341

CATALOG NUMBER: GALN-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049341

CATALOG NUMBER: GALN-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
0.0	2.5°	49.8	49.8	49.8	48.6	48.6	48.6	48.6	48.6	48.6	48.6
0.0	5°	42.7	42.7	42.7	41.5	41.5	40.3	40.3	40.3	39.1	39.1
0.0	7.5°	36.8	35.6	35.6	34.4	34.4	33.2	33.2	33.2	32.0	32.0
0.0	10°	30.8	29.7	29.7	28.5	28.5	27.3	27.3	26.1	26.1	24.9
0.0	12.5°	27.3	26.1	24.9	23.7	23.7	22.5	21.3	21.3	20.2	19.0
0.0	15°	21.3	20.2	19.0	17.8	16.6	15.4	14.2	14.2	13.0	11.9
0.0	17.5°	14.2	11.9	10.7	9.5	9.5	8.3	7.1	5.9	4.7	3.6
0.0	20°	3.6	2.4	1.2	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-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049341

CATALOG NUMBER: GALN-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
0.0	2.5°	48.6	47.4	47.4	47.4	48.6	48.6	48.6	48.6	48.6	48.6
0.0	5°	39.1	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
0.0	7.5°	32.0	30.8	30.8	30.8	30.8	29.7	29.7	29.7	29.7	29.7
0.0	10°	24.9	23.7	23.7	23.7	23.7	22.5	22.5	22.5	22.5	22.5
0.0	12.5°	17.8	17.8	16.6	16.6	16.6	15.4	15.4	15.4	15.4	14.2
0.0	15°	10.7	9.5	8.3	8.3	8.3	7.1	7.1	7.1	7.1	5.9
0.0	17.5°	2.4	2.4	1.2	1.2	1.2	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-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049341

CATALOG NUMBER: GALN-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
0.0	2.5°	49.8	49.8	51.0	51.0	52.2	54.6	55.7	56.9	59.3	61.7
0.0	5°	39.1	40.3	40.3	41.5	42.7	43.9	45.1	46.3	48.6	51.0
0.0	7.5°	30.8	30.8	32.0	32.0	33.2	35.6	36.8	38.0	40.3	43.9
0.0	10°	23.7	23.7	24.9	24.9	26.1	28.5	29.7	30.8	33.2	36.8
0.0	12.5°	15.4	16.6	16.6	17.8	19.0	21.3	22.5	23.7	26.1	28.5
0.0	15°	7.1	8.3	8.3	9.5	10.7	13.0	14.2	15.4	17.8	21.3
0.0	17.5°	1.2	1.2	2.4	2.4	3.6	4.7	5.9	7.1	10.7	13.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.7
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
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-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049341

CATALOG NUMBER: GALN-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
0.0	2.5°	65.2	67.6	70.0	72.3	74.7	77.1	78.3	80.6	81.8	83.0
0.0	5°	55.7	58.1	61.7	64.0	66.4	68.8	71.2	72.3	73.5	74.7
0.0	7.5°	48.6	51.0	54.6	56.9	59.3	61.7	64.0	66.4	67.6	68.8
0.0	10°	41.5	45.1	47.4	51.0	53.4	55.7	58.1	60.5	62.9	64.0
0.0	12.5°	33.2	36.8	40.3	42.7	46.3	49.8	52.2	54.6	56.9	59.3
0.0	15°	26.1	29.7	33.2	35.6	39.1	42.7	46.3	48.6	51.0	53.4
0.0	17.5°	19.0	22.5	26.1	28.5	32.0	35.6	38.0	41.5	43.9	46.3
0.0	20°	9.5	13.0	16.6	20.2	23.7	27.3	29.7	33.2	35.6	38.0
0.0	22.5°	1.2	4.7	8.3	10.7	14.2	17.8	20.2	23.7	26.1	28.5
0.0	25°	0.0	1.2	3.6	4.7	5.9	8.3	10.7	13.0	15.4	17.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.2	2.4	4.7	7.1	9.5
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.4
	85°	0.0	0.0	0.0	0.0	0.0	2.4	3.6	5.9	7.1	8.3
	87.5°	0.0	1.2	2.4	3.6	4.7	7.1	9.5	11.9	13.0	14.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049341

CATALOG NUMBER: GALN-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
68.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.6	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											
1.2											
4.7											
10.7											
15.4											
0.0											
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REPORT NUMBER: P1049341

CATALOG NUMBER: GALN-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
0.0	2.5°	84.2	84.2	84.2	84.2	83.0	83.0	83.0	81.8	81.8	80.6
0.0	5°	77.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	77.1	77.1
0.0	7.5°	71.2	72.3	73.5	73.5	74.7	74.7	74.7	73.5	73.5	72.3
0.0	10°	67.6	68.8	68.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	12.5°	62.9	64.0	65.2	65.2	66.4	66.4	66.4	66.4	65.2	65.2
0.0	15°	56.9	59.3	60.5	61.7	61.7	62.9	62.9	62.9	62.9	62.9
0.0	17.5°	52.2	54.6	55.7	56.9	56.9	58.1	58.1	59.3	59.3	59.3
0.0	20°	42.7	45.1	46.3	48.6	49.8	51.0	52.2	53.4	53.4	54.6
0.0	22.5°	33.2	35.6	36.8	39.1	40.3	41.5	42.7	43.9	45.1	46.3
0.0	25°	23.7	26.1	27.3	29.7	30.8	32.0	33.2	34.4	34.4	35.6
0.0	27.5°	13.0	15.4	17.8	19.0	21.3	22.5	23.7	24.9	26.1	27.3
0.0	30°	5.9	7.1	8.3	10.7	11.9	13.0	14.2	16.6	17.8	19.0
0.0	32.5°	0.0	0.0	1.2	3.6	4.7	5.9	7.1	8.3	8.3	9.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.4	3.6	4.7
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°	2.4	2.4	2.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6
	82.5°	5.9	7.1	8.3	8.3	9.5	9.5	9.5	9.5	8.3	8.3
	85°	11.9	13.0	14.2	14.2	15.4	15.4	15.4	15.4	15.4	15.4
	87.5°	16.6	17.8	19.0	19.0	20.2	20.2	20.2	20.2	20.2	20.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049341

CATALOG NUMBER: GALN-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
68.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.6	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
72.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
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0.0											
3.6											
8.3											
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REPORT NUMBER: P1049341

CATALOG NUMBER: GALN-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
0.0	0°	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
0.0	2.5°	79.5	79.5	78.3	78.3	78.3	78.3	78.3	79.5	80.6	80.6
0.0	5°	75.9	75.9	74.7	74.7	74.7	75.9	75.9	77.1	78.3	79.5
0.0	7.5°	72.3	71.2	71.2	72.3	72.3	73.5	73.5	74.7	75.9	77.1
0.0	10°	70.0	68.8	68.8	68.8	70.0	70.0	71.2	72.3	73.5	74.7
0.0	12.5°	65.2	65.2	65.2	65.2	66.4	66.4	67.6	68.8	71.2	72.3
0.0	15°	62.9	61.7	61.7	61.7	61.7	62.9	62.9	65.2	67.6	68.8
0.0	17.5°	58.1	58.1	56.9	56.9	58.1	58.1	59.3	61.7	64.0	65.2
0.0	20°	53.4	52.2	51.0	51.0	52.2	52.2	53.4	55.7	58.1	59.3
0.0	22.5°	46.3	45.1	45.1	45.1	45.1	46.3	46.3	48.6	52.2	54.6
0.0	25°	36.8	38.0	38.0	39.1	39.1	40.3	41.5	43.9	47.4	49.8
0.0	27.5°	28.5	29.7	29.7	32.0	33.2	34.4	35.6	39.1	42.7	45.1
0.0	30°	21.3	22.5	23.7	24.9	27.3	29.7	32.0	35.6	39.1	41.5
0.0	32.5°	13.0	15.4	16.6	19.0	21.3	23.7	26.1	29.7	34.4	38.0
0.0	35°	9.5	10.7	13.0	14.2	16.6	19.0	21.3	26.1	29.7	34.4
0.0	37.5°	4.7	7.1	9.5	11.9	14.2	16.6	19.0	23.7	28.5	32.0
0.0	40°	3.6	5.9	7.1	9.5	13.0	15.4	17.8	22.5	27.3	32.0
0.0	42.5°	2.4	3.6	4.7	8.3	10.7	14.2	17.8	22.5	27.3	32.0
0.0	45°	2.4	2.4	3.6	7.1	10.7	15.4	19.0	23.7	27.3	32.0
0.0	47.5°	2.4	3.6	4.7	9.5	11.9	15.4	19.0	22.5	27.3	30.8
0.0	50°	3.6	4.7	5.9	10.7	13.0	16.6	19.0	23.7	27.3	32.0
0.0	52.5°	2.4	3.6	4.7	9.5	13.0	17.8	21.3	26.1	30.8	34.4
0.0	55°	1.2	1.2	1.2	7.1	14.2	20.2	27.3	30.8	35.6	39.1
0.0	57.5°	0.0	0.0	0.0	4.7	14.2	22.5	30.8	35.6	40.3	43.9
0.0	60°	0.0	0.0	0.0	4.7	14.2	22.5	30.8	36.8	42.7	48.6
0.0	62.5°	0.0	0.0	0.0	4.7	11.9	19.0	26.1	35.6	46.3	55.7
0.0	65°	0.0	0.0	0.0	3.6	9.5	15.4	21.3	35.6	49.8	62.9
0.0	67.5°	0.0	0.0	0.0	3.6	9.5	14.2	20.2	35.6	49.8	65.2
	70°	0.0	0.0	0.0	3.6	9.5	15.4	21.3	35.6	49.8	64.0
	72.5°	0.0	0.0	0.0	3.6	10.7	16.6	23.7	35.6	47.4	59.3
	75°	0.0	0.0	0.0	4.7	10.7	17.8	24.9	35.6	46.3	55.7
	77.5°	0.0	0.0	0.0	3.6	10.7	16.6	23.7	34.4	45.1	54.6
	80°	3.6	2.4	2.4	5.9	10.7	15.4	20.2	30.8	42.7	53.4
	82.5°	7.1	7.1	5.9	8.3	10.7	14.2	17.8	27.3	38.0	47.4
	85°	14.2	14.2	13.0	14.2	14.2	15.4	16.6	21.3	26.1	30.8
	87.5°	19.0	19.0	17.8	17.8	17.8	16.6	16.6	16.6	16.6	15.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049341

CATALOG NUMBER: GALN-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
68.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.3											
71.2											
66.4											
65.2											
64.0											
56.9											
35.6											
15.4											
0.0											
0.0											
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REPORT NUMBER: P1049341

CATALOG NUMBER: GALN-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
0.0	2.5°	83.0	84.2	84.2	85.4	86.6	87.8	87.8	89.0	89.0	89.0
0.0	5°	81.8	84.2	85.4	86.6	87.8	89.0	90.1	91.3	92.5	92.5
0.0	7.5°	80.6	81.8	84.2	85.4	87.8	89.0	91.3	92.5	93.7	94.9
0.0	10°	78.3	80.6	83.0	85.4	87.8	90.1	92.5	94.9	97.3	98.4
0.0	12.5°	75.9	79.5	81.8	84.2	87.8	91.3	93.7	97.3	99.6	102.0
0.0	15°	74.7	77.1	80.6	83.0	87.8	92.5	96.1	100.8	105.6	109.1
0.0	17.5°	71.2	75.9	79.5	83.0	87.8	93.7	98.4	103.2	110.3	117.4
0.0	20°	66.4	70.0	74.7	78.3	85.4	91.3	98.4	104.4	115.0	125.7
0.0	22.5°	61.7	66.4	70.0	74.7	83.0	90.1	98.4	105.6	123.3	140.0
0.0	25°	56.9	62.9	67.6	72.3	81.8	91.3	100.8	110.3	140.0	169.6
0.0	27.5°	54.6	59.3	65.2	70.0	81.8	94.9	106.7	118.6	166.0	212.3
0.0	30°	51.0	56.9	61.7	67.6	83.0	98.4	113.9	129.3	201.6	274.0
0.0	32.5°	47.4	53.4	59.3	65.2	85.4	105.6	124.5	144.7	239.6	333.3
0.0	35°	43.9	51.0	56.9	62.9	89.0	116.2	142.3	168.4	274.0	378.3
0.0	37.5°	42.7	49.8	55.7	61.7	90.1	117.4	145.9	173.2	277.5	381.9
0.0	40°	43.9	49.8	56.9	62.9	86.6	110.3	132.8	156.6	265.7	373.6
0.0	42.5°	43.9	51.0	58.1	65.2	84.2	103.2	122.2	141.1	262.1	383.1
0.0	45°	42.7	49.8	56.9	64.0	81.8	98.4	116.2	132.8	283.5	432.9
0.0	47.5°	41.5	48.6	55.7	62.9	80.6	98.4	116.2	134.0	366.5	597.8
0.0	50°	41.5	48.6	54.6	60.5	81.8	104.4	125.7	147.1	533.7	919.2
0.0	52.5°	43.9	49.8	54.6	59.3	84.2	110.3	135.2	160.1	678.4	1195.5
0.0	55°	47.4	51.0	55.7	59.3	90.1	119.8	150.6	180.3	722.3	1264.3
0.0	57.5°	52.2	55.7	59.3	62.9	100.8	138.8	175.5	213.5	725.8	1237.0
0.0	60°	58.1	62.9	66.4	70.0	110.3	151.8	192.1	232.5	657.1	1080.5
0.0	62.5°	71.2	77.1	81.8	87.8	126.9	164.9	204.0	241.9	545.6	849.2
0.0	65°	81.8	86.6	91.3	96.1	134.0	173.2	211.1	249.1	462.5	676.0
0.0	67.5°	84.2	89.0	92.5	97.3	136.4	175.5	213.5	252.6	396.1	538.5
	70°	85.4	91.3	98.4	104.4	144.7	185.0	224.2	264.5	351.1	437.6
	72.5°	81.8	93.7	104.4	115.0	153.0	189.8	227.7	264.5	326.2	387.8
	75°	81.8	98.4	113.9	129.3	157.7	185.0	213.5	240.8	288.2	335.6
	77.5°	86.6	107.9	129.3	150.6	167.2	182.6	199.3	214.7	245.5	276.3
	80°	86.6	109.1	130.5	153.0	160.1	168.4	175.5	182.6	186.2	189.8
	82.5°	74.7	92.5	110.3	128.1	119.8	111.5	103.2	94.9	89.0	81.8
	85°	38.0	41.5	43.9	46.3	42.7	39.1	35.6	32.0	29.7	26.1
	87.5°	15.4	15.4	14.2	14.2	14.2	14.2	13.0	13.0	13.0	13.0
	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: P1049341

CATALOG NUMBER: GALN-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
68.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
186.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
252.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
351.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
475.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
594.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
674.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
735.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
795.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
914.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1151.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1755.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2688.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3384.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3462.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3124.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2670.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2087.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1577.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1164.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
824.3											
613.2											
445.9											
335.6											
188.6											
85.4											
24.9											
11.9											
0.0											
0.0											
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REPORT NUMBER: P1049341

CATALOG NUMBER: GALN-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
0.0	2.5°	89.0	87.8	87.8	86.6	85.4	84.2	83.0	81.8	80.6	79.5
0.0	5°	92.5	92.5	92.5	91.3	91.3	90.1	90.1	89.0	87.8	86.6
0.0	7.5°	96.1	97.3	97.3	98.4	98.4	98.4	98.4	97.3	97.3	97.3
0.0	10°	102.0	103.2	104.4	105.6	106.7	107.9	107.9	109.1	109.1	109.1
0.0	12.5°	109.1	112.7	115.0	118.6	121.0	124.5	126.9	130.5	132.8	135.2
0.0	15°	119.8	125.7	132.8	138.8	144.7	153.0	162.5	170.8	179.1	192.1
0.0	17.5°	135.2	154.2	173.2	190.9	209.9	251.4	292.9	333.3	374.8	435.3
0.0	20°	164.9	221.8	277.5	334.5	390.2	536.1	680.8	826.7	971.4	1126.7
0.0	22.5°	231.3	371.2	511.2	651.1	791.1	1095.9	1399.5	1704.3	2007.9	2364.9
0.0	25°	335.6	593.0	850.4	1106.6	1363.9	1840.7	2318.7	2795.5	3272.2	3736.0
0.0	27.5°	488.6	882.4	1276.2	1668.7	2062.5	2708.9	3356.4	4002.8	4649.2	5173.4
0.0	30°	677.2	1210.9	1744.6	2278.3	2812.1	3547.4	4282.7	5016.9	5752.2	6325.0
0.0	32.5°	855.1	1508.6	2162.1	2814.4	3467.9	4305.3	5143.8	5981.1	6818.4	7444.7
0.0	35°	971.4	1761.2	2552.3	3342.2	4132.1	5038.2	5944.3	6849.3	7755.4	8470.6
0.0	37.5°	1087.6	1999.6	2910.5	3822.5	4733.4	5728.5	6723.6	7718.6	8713.7	9597.3
0.0	40°	1218.0	2287.8	3356.4	4426.2	5494.8	6673.7	7851.5	9030.4	10208.1	11454.6
0.0	42.5°	1444.6	2765.8	4088.2	5409.4	6730.7	8290.3	9849.9	11408.3	12967.9	14747.0
0.0	45°	1870.4	3732.4	5595.6	7457.7	9319.8	11385.8	13453.0	15519.1	17585.1	19952.4
0.0	47.5°	2912.9	5474.7	8035.3	10597.1	13157.7	15388.6	17618.3	19849.2	22079.0	24436.8
0.0	50°	4457.1	7438.7	10420.4	13400.8	16382.5	18401.1	20418.5	22437.1	24454.6	26697.3
0.0	52.5°	5574.3	8680.5	11787.9	14894.0	18000.2	19822.0	21644.9	23466.6	25288.3	27384.0
0.0	55°	5658.5	8746.9	11836.5	14924.9	18013.3	19843.3	21673.3	23503.4	25333.4	27554.8
0.0	57.5°	5009.8	8073.2	11135.5	14199.0	17261.3	19345.2	21427.8	23511.7	25594.3	27996.0
0.0	60°	4261.4	7326.0	10389.5	13454.2	16517.7	18918.2	21319.9	23720.4	26120.9	28370.8
0.0	62.5°	3324.4	6476.9	9630.5	12782.9	15935.4	18372.6	20809.9	23246.0	25683.3	27371.0
0.0	65°	2477.6	5538.7	8599.8	11659.8	14720.9	16673.1	18625.3	20576.3	22528.5	23573.3
0.0	67.5°	1790.9	4431.0	7069.9	9710.0	12348.8	13746.0	15143.1	16539.1	17936.2	18735.6
	70°	1210.9	3039.8	4867.4	6696.3	8523.9	9672.0	10821.3	11969.3	13117.4	14196.7
	72.5°	838.5	1865.6	2893.9	3921.0	4948.1	6103.3	7257.3	8412.4	9566.4	10708.6
	75°	556.2	1023.5	1492.0	1959.3	2426.6	3281.7	4138.0	4993.1	5848.3	6529.0
	77.5°	394.9	534.9	676.0	816.0	955.9	1116.0	1277.3	1437.5	1597.6	1840.7
	80°	187.4	205.2	223.0	239.6	257.4	315.5	373.6	431.7	489.8	551.5
	82.5°	89.0	96.1	103.2	109.1	116.2	122.2	128.1	134.0	140.0	134.0
	85°	23.7	23.7	24.9	24.9	24.9	24.9	24.9	24.9	24.9	23.7
	87.5°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	9.5	9.5	8.3
	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: P1049341

CATALOG NUMBER: GALN-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
68.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
494.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1283.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2721.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4199.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5697.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6899.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8072.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9185.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10482.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12701.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16526.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22319.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26794.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28940.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29479.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29777.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30397.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30619.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29059.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24619.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19536.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15274.8											
11850.7											
7209.8											
2083.8											
613.2											
126.9											
22.5											
8.3											
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°	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
0.0	2.5°	77.1	75.9	74.7	73.5	72.3	70.0	70.0	68.8	68.8
0.0	5°	84.2	83.0	81.8	80.6	80.6	79.5	78.3	78.3	77.1
0.0	7.5°	96.1	94.9	93.7	92.5	92.5	91.3	91.3	90.1	90.1
0.0	10°	110.3	110.3	110.3	110.3	110.3	109.1	109.1	109.1	107.9
0.0	12.5°	138.8	140.0	142.3	144.7	148.3	148.3	148.3	147.1	147.1
0.0	15°	219.4	232.5	241.9	251.4	259.7	278.7	276.3	272.8	270.4
0.0	17.5°	555.1	614.4	646.4	677.2	709.2	797.0	782.8	768.5	755.5
0.0	20°	1438.6	1594.0	1697.2	1800.4	1904.7	2069.6	2029.3	1989.0	1948.6
0.0	22.5°	3077.7	3434.7	3590.1	3745.5	3899.6	4098.9	3969.6	3840.3	3712.2
0.0	25°	4662.2	5126.0	5388.1	5650.2	5911.1	6025.0	5856.6	5687.0	5518.6
0.0	27.5°	6221.9	6746.1	6977.4	7207.4	7438.7	7677.1	7468.4	7258.4	7049.7
0.0	30°	7471.9	8044.8	8295.0	8544.1	8794.3	8960.4	8744.5	8527.5	8311.6
0.0	32.5°	8698.3	9324.5	9598.5	9872.4	10145.2	10383.6	10117.9	9851.1	9585.4
0.0	35°	9899.7	10614.9	10992.0	11369.2	11746.3	11968.1	11652.7	11336.0	11020.5
0.0	37.5°	11365.6	12249.2	12671.4	13093.7	13515.9	13920.3	13572.8	13224.1	12876.6
0.0	40°	13947.6	15194.1	15841.7	16490.4	17138.0	17659.8	17221.0	16782.2	16343.4
0.0	42.5°	18305.0	20084.1	21015.1	21944.9	22876.0	23690.8	23229.4	22768.0	22306.7
0.0	45°	24687.0	27054.3	28189.3	29323.2	30458.2	31053.6	30389.4	29724.0	29059.9
0.0	47.5°	29151.2	31509.0	32519.5	33530.0	34540.5	35220.1	34407.6	33595.2	32784.0
0.0	50°	31181.7	33424.4	34438.5	35451.3	36465.4	37005.0	36066.9	35127.6	34189.4
0.0	52.5°	31574.2	33669.9	34879.7	36090.6	37300.3	38021.5	36913.7	35804.8	34697.0
0.0	55°	31998.8	34220.3	35623.3	37027.6	38430.6	39429.3	38176.8	36923.2	35670.8
0.0	57.5°	32798.2	35199.9	36599.4	37997.7	39397.2	40245.2	38989.2	37732.1	36476.1
0.0	60°	32869.4	35118.1	36320.7	37524.5	38727.1	39260.8	38059.4	36856.8	35655.3
0.0	62.5°	30747.6	32435.3	33270.3	34105.2	34940.2	35520.1	34266.5	33011.7	31758.1
0.0	65°	25664.3	26709.2	27374.5	28039.9	28705.3	29396.7	28248.6	27100.6	25952.5
0.0	67.5°	20335.5	21134.9	22011.4	22887.8	23764.3	24503.2	23584.0	22663.7	21744.5
	70°	16354.0	17432.1	18417.7	19403.3	20388.9	20993.8	20071.0	19147.1	18224.4
	72.5°	12992.9	14135.0	14958.1	15780.0	16603.1	16751.4	16073.0	15394.5	14717.3
	75°	7889.4	8570.2	8586.8	8602.2	8618.8	8759.9	8197.8	7635.6	7074.6
	77.5°	2327.0	2570.1	2770.5	2969.8	3170.2	3412.2	3205.8	2998.3	2791.9
	80°	673.7	735.3	787.5	838.5	890.7	859.9	811.2	762.6	714.0
	82.5°	121.0	113.9	112.7	111.5	111.5	105.6	96.1	86.6	77.1
	85°	21.3	20.2	19.0	17.8	16.6	15.4	13.0	11.9	9.5
	87.5°	7.1	5.9	4.7	3.6	3.6	1.2	1.2	1.2	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: P1049341

CATALOG NUMBER: GALN-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
0.0	0.0	2.5°	67.6	66.4	66.4	66.4	66.4	65.2	65.2	65.2	65.2
0.0	0.0	5°	74.7	74.7	73.5	73.5	72.3	72.3	71.2	71.2	70.0
0.0	0.0	7.5°	87.8	86.6	85.4	84.2	83.0	80.6	79.5	78.3	78.3
0.0	0.0	10°	105.6	103.2	102.0	99.6	98.4	96.1	93.7	91.3	89.0
0.0	0.0	12.5°	138.8	134.0	130.5	125.7	121.0	117.4	112.7	109.1	104.4
0.0	0.0	15°	240.8	228.9	215.9	200.4	183.8	168.4	151.8	142.3	131.6
0.0	0.0	17.5°	615.5	553.9	491.0	440.0	389.0	339.2	288.2	251.4	214.7
0.0	0.0	20°	1566.7	1395.9	1225.2	1056.7	887.1	718.7	549.1	463.7	378.3
0.0	0.0	22.5°	2948.4	2631.8	2313.9	2006.7	1698.4	1391.2	1084.0	890.7	698.6
0.0	0.0	25°	4550.8	4152.3	3753.8	3248.5	2742.1	2236.8	1731.6	1417.3	1103.0
0.0	0.0	27.5°	5921.8	5462.8	5003.8	4389.5	3775.1	3160.7	2546.4	2077.9	1610.6
0.0	0.0	30°	7109.0	6615.6	6122.2	5407.1	4691.9	3976.7	3261.6	2675.7	2089.8
0.0	0.0	32.5°	8138.5	7547.8	6957.2	6219.5	5481.8	4744.1	4006.4	3287.6	2568.9
0.0	0.0	35°	9325.7	8636.6	7946.3	7128.0	6308.4	5490.1	4671.7	3860.5	3048.1
0.0	0.0	37.5°	10834.3	9988.7	9141.8	8229.8	7317.7	6406.9	5494.8	4567.4	3639.9
0.0	0.0	40°	13722.3	12631.1	11540.0	10381.2	9221.3	8062.6	6903.8	5765.2	4626.7
0.0	0.0	42.5°	18896.9	17422.6	15948.4	14406.6	12863.6	11321.8	9778.7	8172.9	6565.8
0.0	0.0	45°	24736.8	22908.0	21078.0	19347.6	17616.0	15885.6	14155.2	11951.5	9747.9
0.0	0.0	47.5°	28020.9	26046.2	24071.5	22433.6	20795.7	19157.8	17519.9	15144.3	12768.7
0.0	0.0	50°	29229.5	27219.2	25208.9	23701.4	22192.8	20685.4	19176.8	16797.6	14417.3
0.0	0.0	52.5°	29486.8	27436.2	25385.6	23868.7	22351.7	20836.0	19319.1	16955.4	14591.6
0.0	0.0	55°	30015.8	27815.7	25614.5	23885.3	22156.1	20426.8	18697.6	16295.9	13894.2
0.0	0.0	57.5°	30707.3	28451.4	26195.6	24225.7	22255.7	20286.9	18316.9	15691.1	13065.2
0.0	0.0	60°	30525.8	28562.9	26598.9	24489.0	22377.8	20267.9	18156.8	15268.8	12379.7
0.0	0.0	62.5°	27375.7	25812.6	24248.2	22513.0	20776.7	19041.6	17306.4	14333.1	11359.7
0.0	0.0	65°	22521.3	21380.4	20239.4	18843.5	17446.4	16050.4	14654.5	11988.3	9323.3
0.0	0.0	67.5°	18252.9	16967.2	15680.4	14567.9	13454.2	12341.7	11228.1	9130.0	7031.9
		70°	14501.5	13103.2	11703.7	10617.3	9529.7	8443.3	7356.9	5962.1	4568.6
		72.5°	11516.3	10255.5	8994.8	7836.0	6676.1	5517.4	4357.4	3533.2	2708.9
		75°	5504.3	5000.3	4496.2	3890.1	3284.1	2678.0	2072.0	1712.6	1354.4
		77.5°	2040.0	1768.4	1495.6	1248.9	1002.2	756.7	510.0	467.3	424.6
		80°	527.8	460.2	391.4	342.8	292.9	244.3	195.7	176.7	158.9
		82.5°	60.5	55.7	52.2	49.8	46.3	43.9	40.3	36.8	33.2
		85°	3.6	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049341

CATALOG NUMBER: GALN-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049341

CATALOG NUMBER: GALN-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	68.8	68.8
0.0	0.0	2.5°	64.0	62.9
0.0	0.0	5°	67.6	66.4
0.0	0.0	7.5°	74.7	72.3
0.0	0.0	10°	81.8	79.5
0.0	0.0	12.5°	92.5	89.0
0.0	0.0	15°	104.4	97.3
0.0	0.0	17.5°	124.5	109.1
0.0	0.0	20°	168.4	129.3
0.0	0.0	22.5°	237.2	161.3
0.0	0.0	25°	348.7	223.0
0.0	0.0	27.5°	485.1	296.5
0.0	0.0	30°	645.2	371.2
0.0	0.0	32.5°	786.3	442.4
0.0	0.0	35°	970.2	514.7
0.0	0.0	37.5°	1196.7	607.2
0.0	0.0	40°	1547.8	747.2
0.0	0.0	42.5°	2179.9	1005.7
0.0	0.0	45°	3540.3	1738.7
0.0	0.0	47.5°	5447.4	2876.1
0.0	0.0	50°	6664.3	3670.7
0.0	0.0	52.5°	6763.9	3664.8
0.0	0.0	55°	6174.4	3258.0
0.0	0.0	57.5°	5268.3	2723.1
0.0	0.0	60°	4378.8	2153.8
0.0	0.0	62.5°	3450.1	1487.3
0.0	0.0	65°	2521.5	1052.0
0.0	0.0	67.5°	1811.1	786.3
		70°	1190.8	602.5
		72.5°	775.7	491.0
		75°	521.8	406.8
		77.5°	304.8	270.4
		80°	107.9	94.9
		82.5°	20.2	14.2
		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: P1049341

CATALOG NUMBER: GALN-SA7A-930-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-14

Test Date: 10/11/2024

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

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

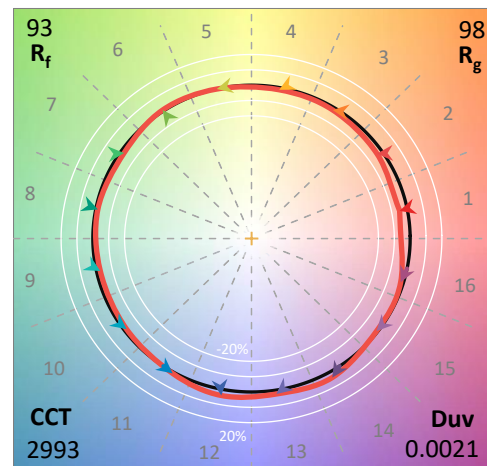
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-14
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-930-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3000K CCT 26 LEDS

Spectral Parameters

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

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



Test Conditions

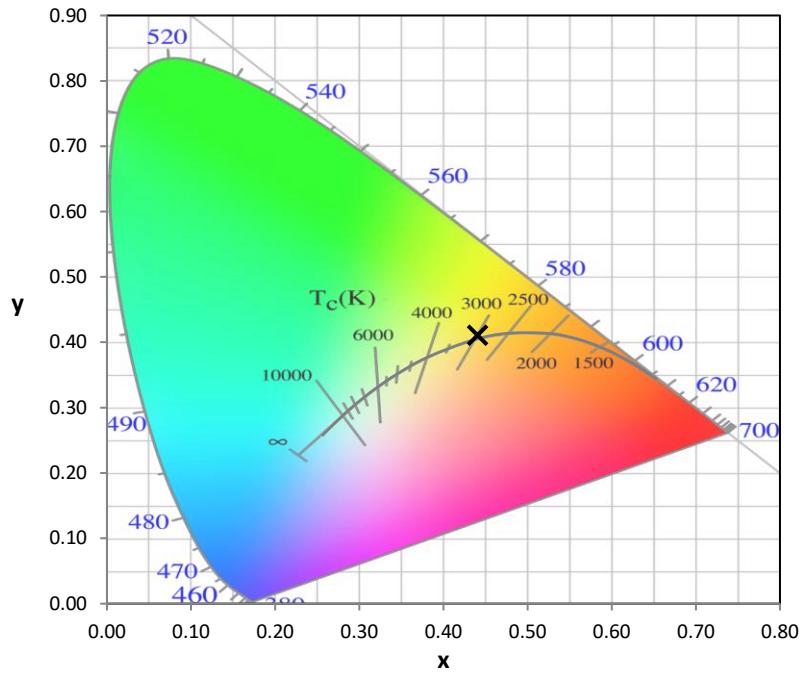
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

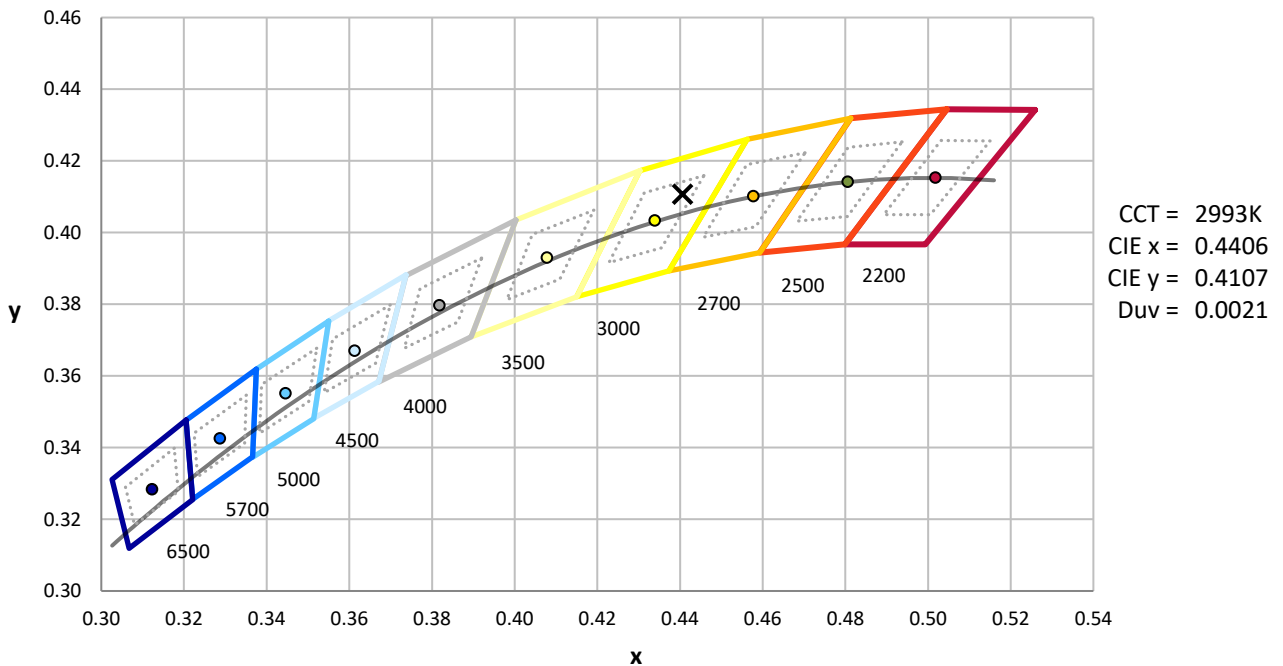
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



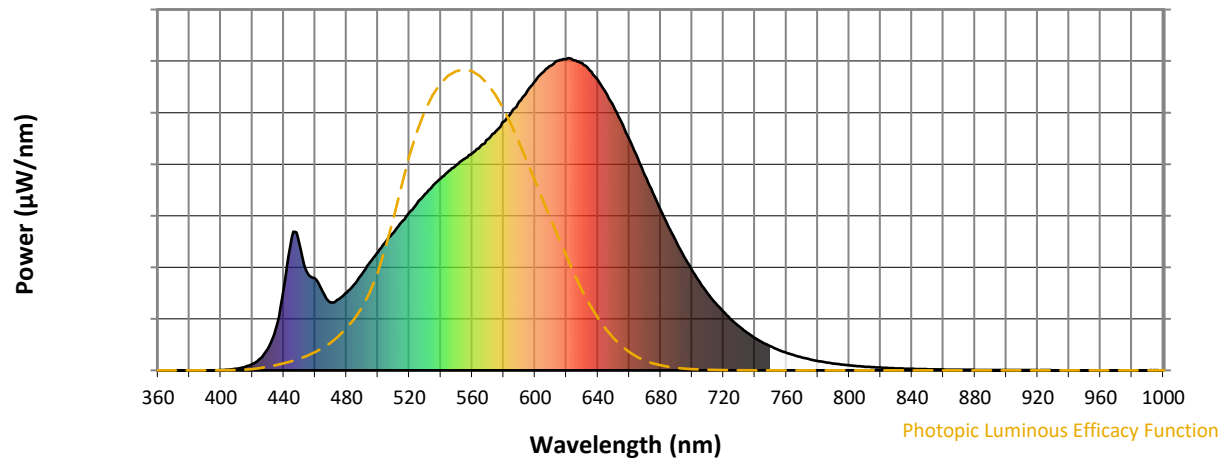
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

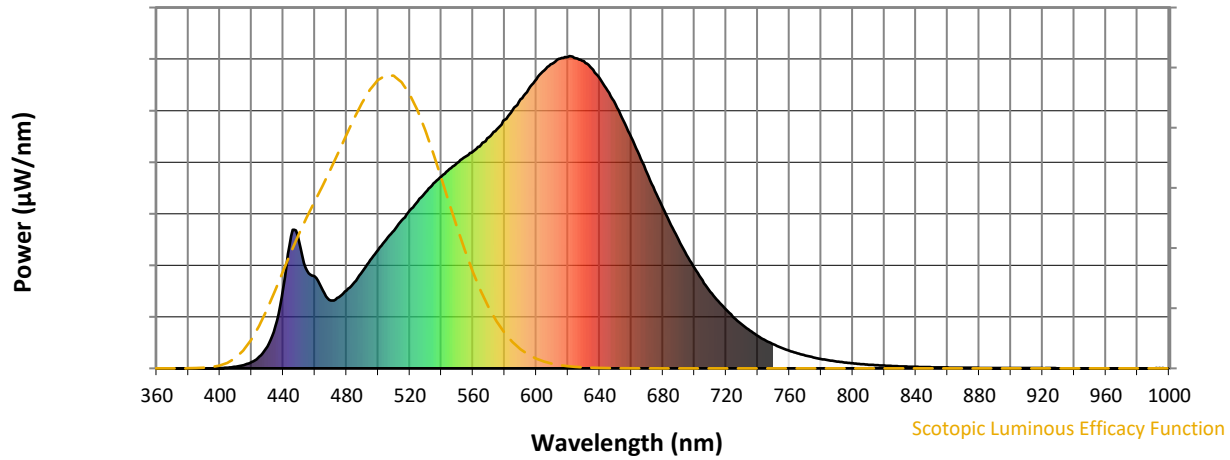


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength



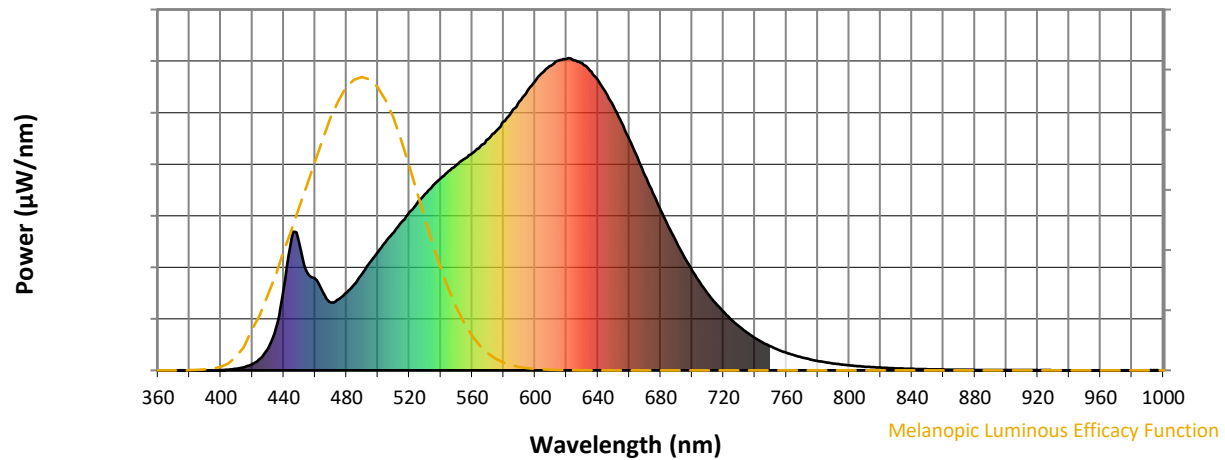
Scotopic Lumens: NR

S/P: 1.39

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

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

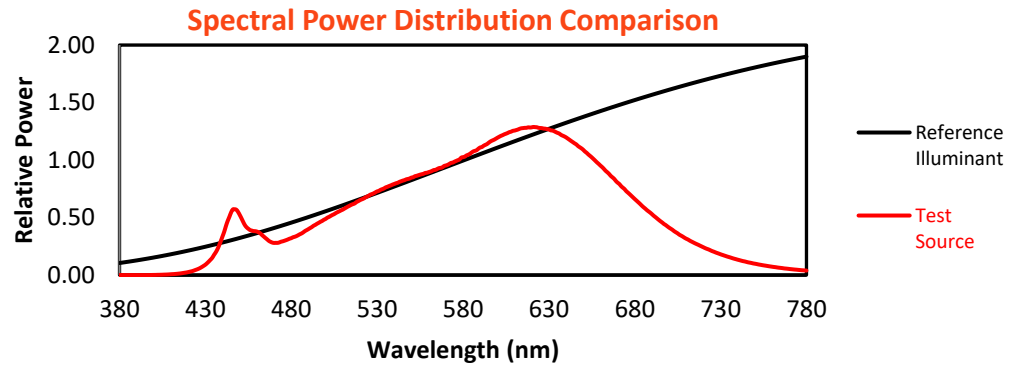
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310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

REPORT NUMBER: SP1-2407-184-14

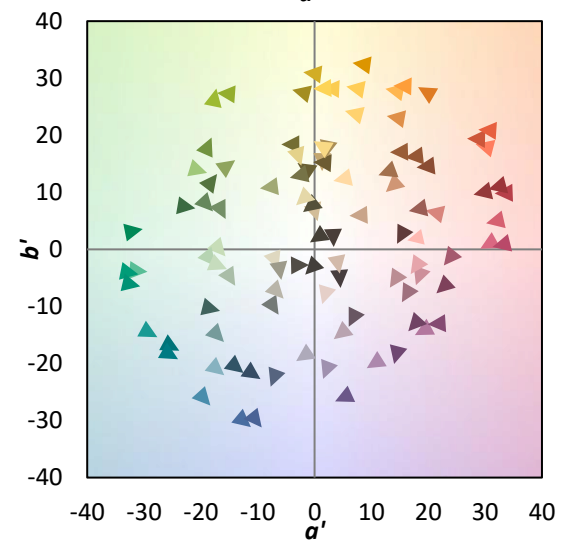
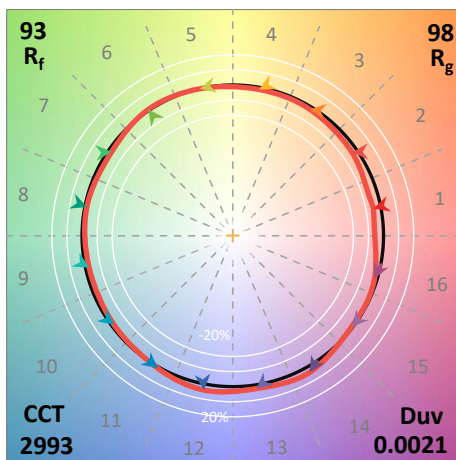
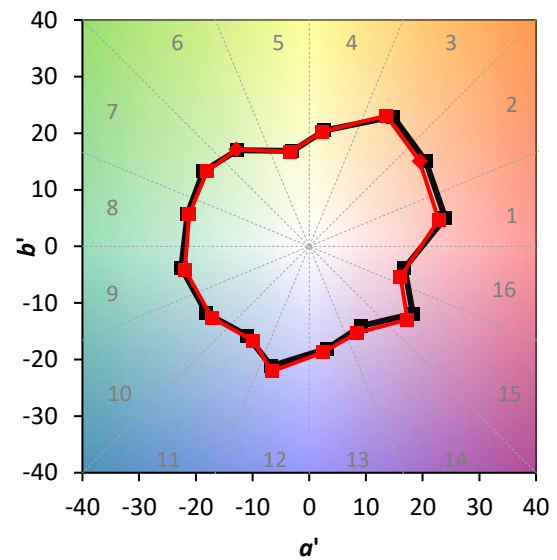
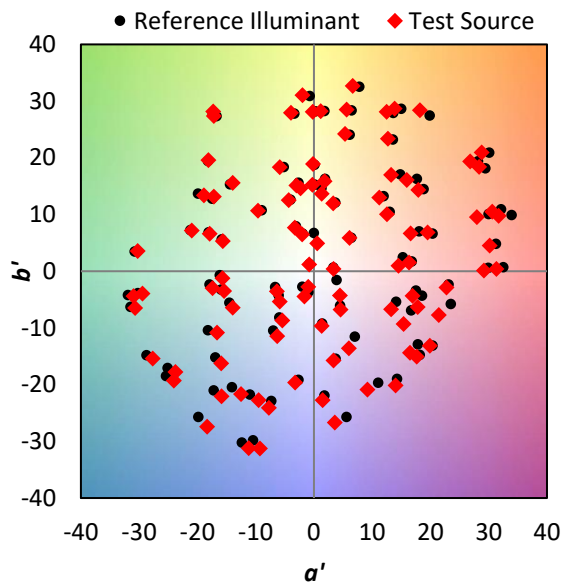
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $CIE R_a = 92.4$
 $R_9 = 58.2$

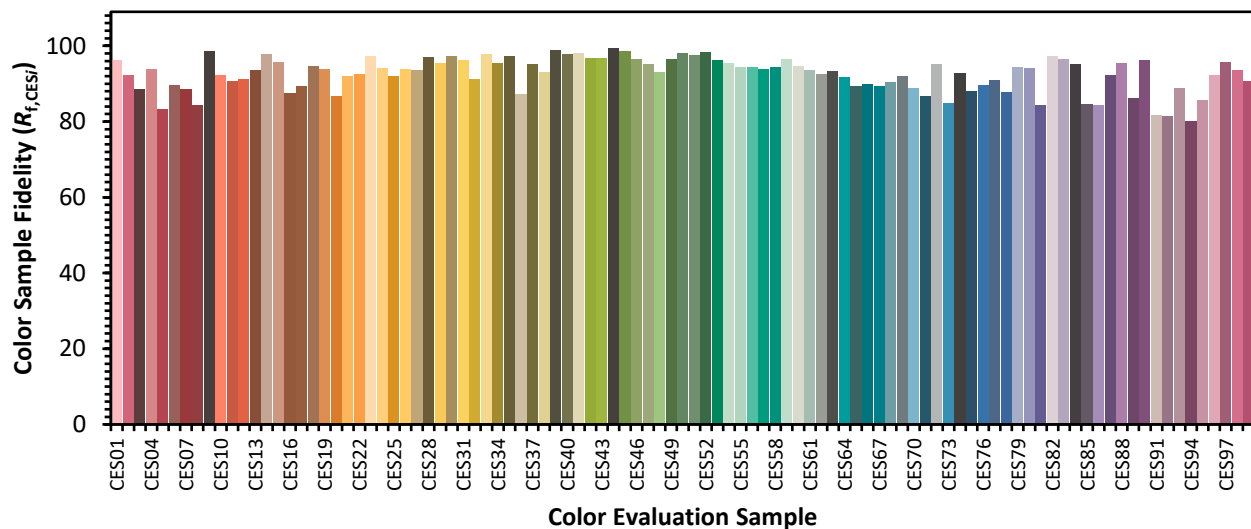


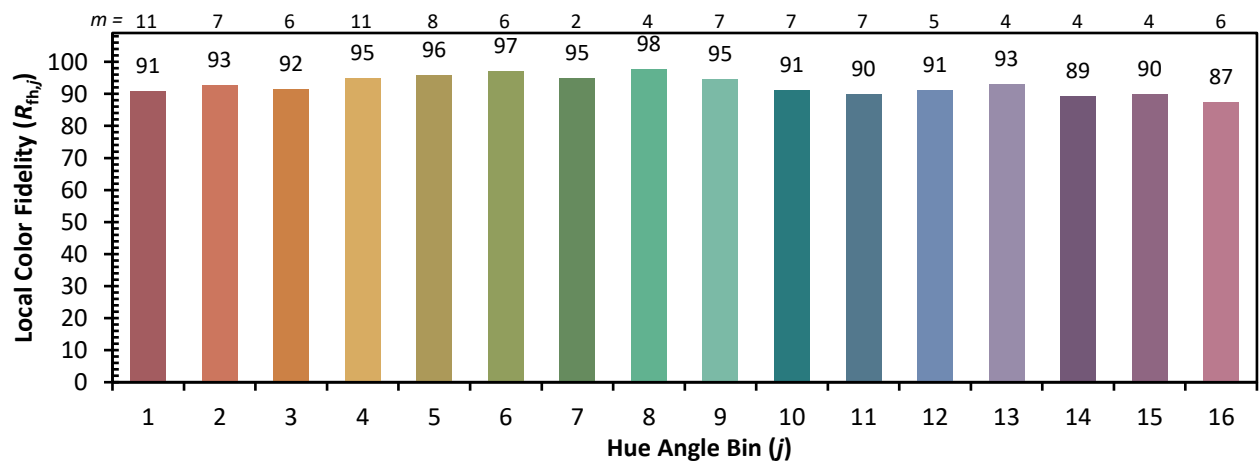
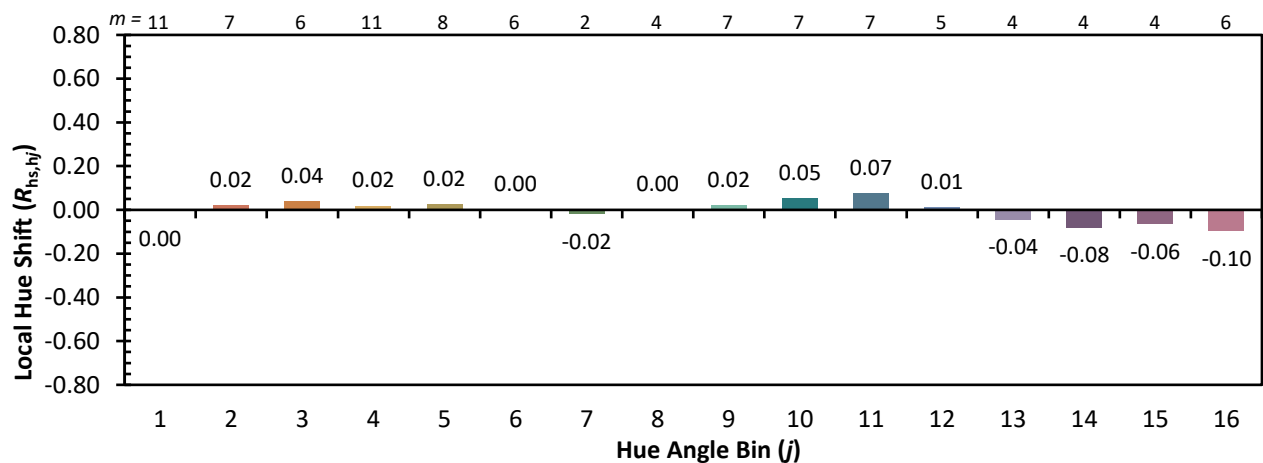
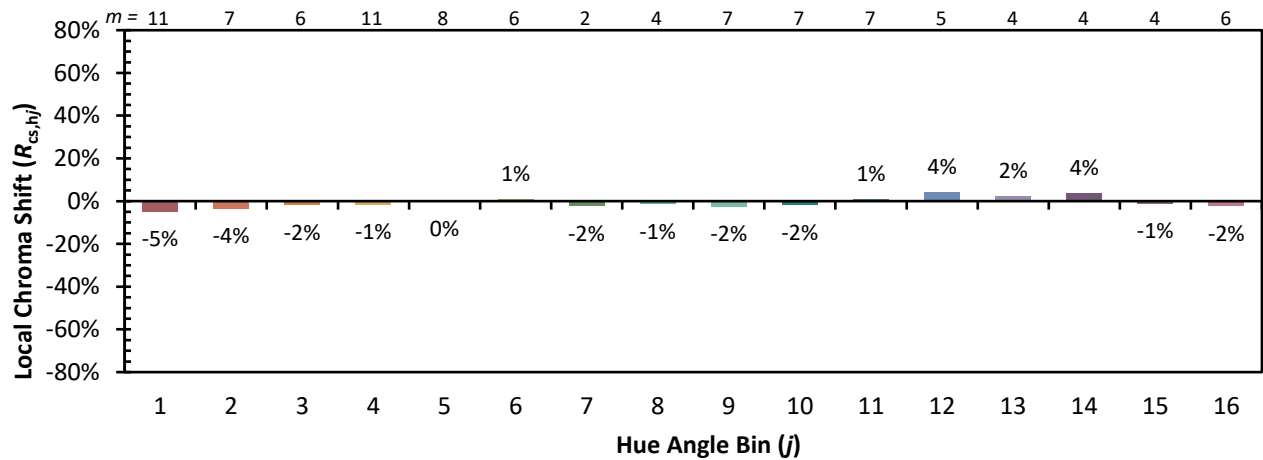
Color Vector Graphics



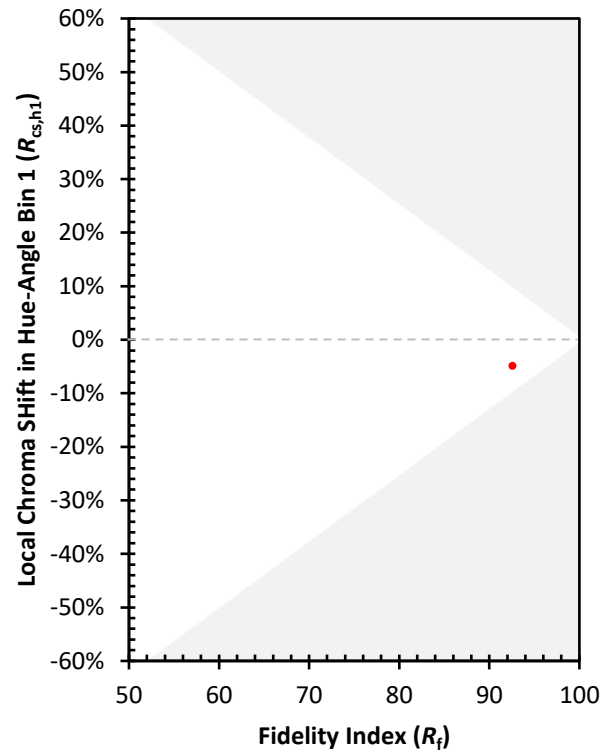
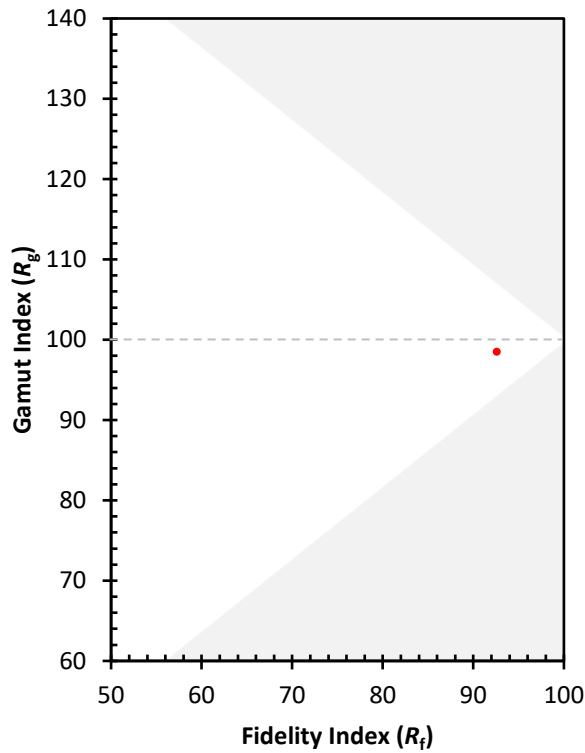
Individual Sample Fidelity Index ($R_{f,i}$)

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



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)