

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: P1049141

Luminaire Tested: **GALN-SA2A-830-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049141
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-830-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
80CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5997.6 lumens
Efficiency: N/A
Efficacy: 107.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 55.8
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

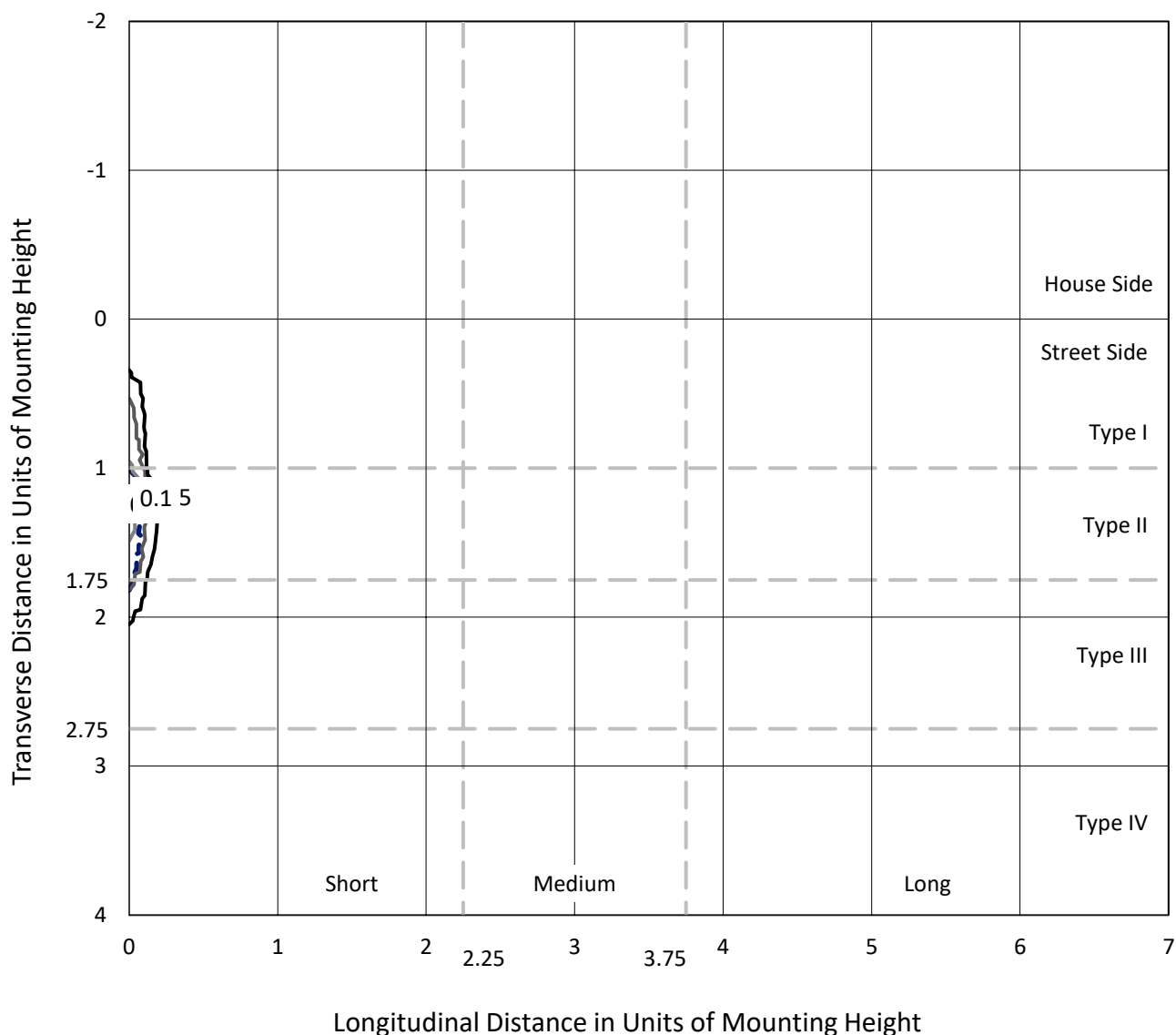
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

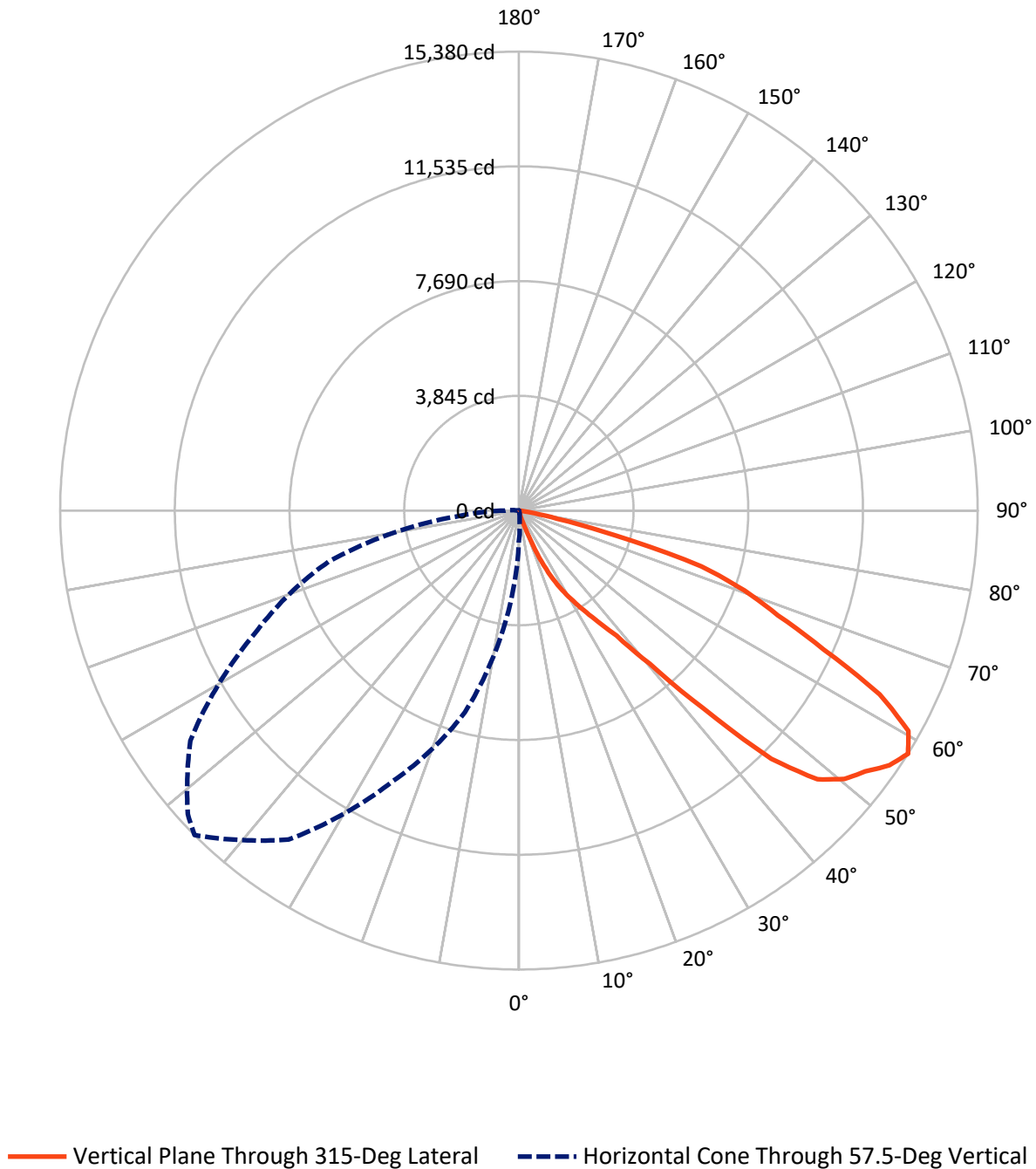


Based on 20 foot mounting height. Maximum calculated value = 0.9 fc

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	30.0	0.0	30.0
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	5967.5	0.0	5967.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	5997.6	0.0	5997.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.4	0.0
10°-20°	13.2	0.2
20°-30°	142.1	2.4
30°-40°	420.3	7.0
40°-50°	1252.7	20.9
50°-60°	1986.3	33.1
60°-70°	1658.0	27.6
70°-80°	511.3	8.5
80°-90°	11.4	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5997.6	100.0
0°-180°	5997.6	100.0

Coefficient of Utilization



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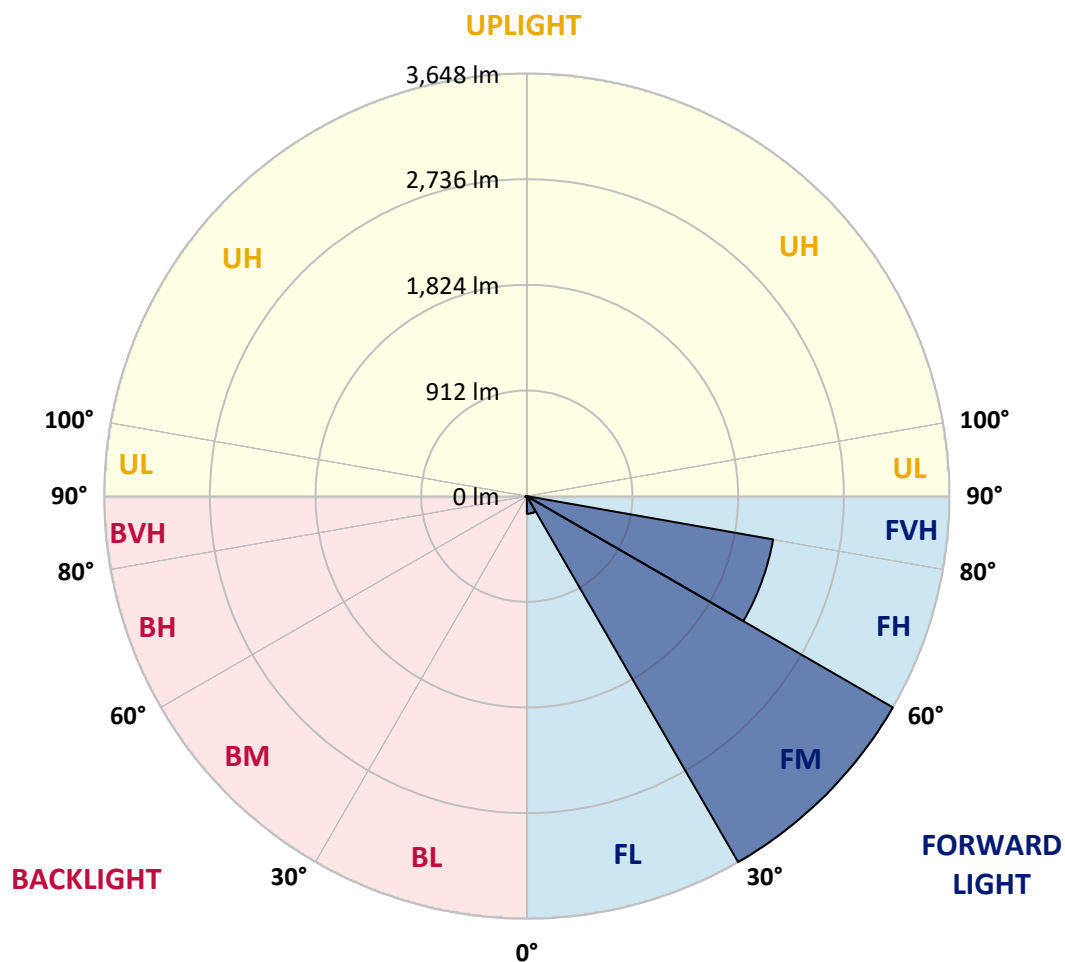
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	152.1	2.5			
FM	(30°-60°)	3648.5	60.8			
FH	(60°-80°)	2158.1	36.0			G2/5000
FVH	(80°-90°)	8.8	0.1			G0/10
BL	(0°-30°)	5.5	0.1	B0/110		
BM	(30°-60°)	10.7	0.2	B0/220		
BH	(60°-80°)	11.2	0.2	B0/110		G0/110
BVH	(80°-90°)	2.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
2.5°	24.0	24.0	24.0	24.0	23.6	23.6	23.1	23.1	22.7	22.7
5°	25.4	25.4	24.9	24.5	24.5	24.0	23.6	23.1	23.1	22.7
7.5°	27.6	27.2	26.7	26.3	25.4	24.9	24.0	23.6	23.1	22.2
10°	30.4	29.5	28.6	27.6	26.7	25.8	24.9	24.5	23.6	23.1
12.5°	34.0	32.6	30.8	29.5	28.6	27.2	26.3	25.4	24.0	23.1
15°	37.2	35.4	33.1	31.3	29.9	28.1	26.7	25.4	24.5	23.1
17.5°	41.7	38.5	34.9	32.6	30.8	28.6	26.3	24.9	23.6	21.8
20°	49.4	43.1	36.3	33.5	30.8	28.1	25.4	23.6	22.2	20.4
22.5°	61.6	50.8	39.9	35.8	32.2	28.1	24.5	22.7	20.8	19.0
25°	85.2	65.7	46.2	40.8	35.4	29.9	24.5	22.2	20.4	18.1
27.5°	113.3	84.3	54.8	47.1	39.9	32.2	24.5	21.8	19.5	16.8
30°	141.9	103.3	64.4	54.4	44.4	34.4	24.5	21.3	18.6	15.4
32.5°	169.1	121.0	72.5	60.7	48.9	36.7	24.9	21.3	17.7	14.1
35°	196.7	135.5	73.9	61.6	49.4	36.7	24.5	20.4	16.8	12.7
37.5°	232.1	151.8	71.2	58.9	47.1	34.9	23.1	19.5	15.9	11.8
40°	285.5	179.0	72.5	59.8	47.1	34.4	21.8	18.1	15.0	11.3
42.5°	384.3	231.6	78.4	63.9	49.4	34.4	19.9	16.8	14.1	10.9
45°	664.4	384.8	105.1	83.4	61.6	39.9	18.1	15.4	13.1	10.4
47.5°	1099.1	644.0	189.0	145.9	103.3	60.3	17.7	15.4	13.1	10.4
50°	1402.7	820.3	237.9	183.1	128.3	73.4	18.6	15.9	13.6	10.9
52.5°	1400.5	833.0	265.1	203.5	142.3	80.7	19.5	16.8	14.5	11.8
55°	1245.0	757.8	270.1	207.6	145.5	82.9	20.8	18.1	15.4	12.7
57.5°	1040.6	643.6	246.6	190.8	135.5	79.8	24.0	20.8	18.1	15.0
60°	823.1	507.6	192.2	151.8	111.9	71.6	31.7	27.6	24.0	19.9
62.5°	568.4	368.0	167.7	134.6	102.0	68.9	36.3	32.2	28.6	24.5
65°	402.0	276.9	151.4	123.3	95.6	67.5	39.4	34.9	30.8	26.3
67.5°	300.5	220.3	139.6	115.6	91.6	67.5	43.5	38.1	33.1	27.6
70°	230.2	180.8	131.0	111.5	92.5	73.0	53.5	45.8	38.5	30.8
72.5°	187.6	154.6	121.0	107.0	92.9	78.9	64.8	54.8	44.9	34.4
75°	155.5	132.3	109.2	97.4	86.1	74.3	62.5	53.5	44.9	35.8
77.5°	103.3	94.3	84.8	78.0	71.2	63.9	57.1	49.4	42.2	34.4
80°	36.3	34.9	33.5	36.3	39.0	41.7	44.4	39.0	34.0	28.6
82.5°	5.4	5.0	4.5	5.0	5.4	5.9	6.3	6.8	7.3	7.7
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°	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
0.0	2.5°	22.2	22.2	21.8	21.8	21.8	21.3	21.3	20.8	20.8	20.8
0.0	5°	21.8	21.8	21.3	20.8	20.4	20.4	19.9	19.5	19.5	19.0
0.0	7.5°	21.3	20.8	20.4	19.9	19.5	19.0	18.6	18.1	18.1	17.7
0.0	10°	21.8	20.8	20.4	19.5	19.0	18.6	17.7	17.2	16.8	16.8
0.0	12.5°	20.8	20.4	19.5	18.6	18.1	17.2	16.8	15.9	15.4	15.4
0.0	15°	20.8	19.9	18.6	17.7	16.8	16.3	15.4	14.5	14.1	13.6
0.0	17.5°	19.5	18.6	17.2	16.3	15.4	14.5	13.6	12.7	12.2	11.8
0.0	20°	17.7	16.8	15.4	14.1	13.1	12.2	11.3	10.4	10.0	9.5
0.0	22.5°	15.9	15.0	13.6	12.2	11.3	10.4	9.1	8.2	7.7	6.8
0.0	25°	15.0	13.6	12.2	10.9	9.5	8.6	7.3	5.9	5.0	4.1
0.0	27.5°	12.7	11.3	10.0	8.6	7.3	5.9	4.5	3.2	2.3	1.8
0.0	30°	10.9	9.5	8.2	6.8	5.0	3.6	2.3	0.5	0.5	0.5
0.0	32.5°	9.1	7.7	5.9	4.5	3.6	2.3	1.4	0.0	0.0	0.0
0.0	35°	7.3	5.9	4.1	2.7	2.3	1.4	0.9	0.0	0.0	0.0
0.0	37.5°	6.3	5.0	3.2	1.4	0.9	0.9	0.5	0.0	0.0	0.0
0.0	40°	5.9	4.1	2.3	0.5	0.5	0.5	0.0	0.0	0.0	0.0
0.0	42.5°	5.9	4.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	5.9	4.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	5.9	4.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	6.3	4.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	7.3	5.4	3.6	1.8	1.4	0.9	0.5	0.0	0.0	0.0
0.0	55°	9.1	8.2	6.8	5.9	4.5	3.2	1.4	0.0	0.0	0.0
0.0	57.5°	11.8	11.8	11.3	10.9	8.2	5.4	2.7	0.0	0.0	0.0
0.0	60°	15.9	15.9	15.9	15.9	11.8	8.2	4.1	0.0	0.0	0.0
0.0	62.5°	19.5	18.6	17.2	16.3	12.2	8.2	4.1	0.0	0.0	0.0
0.0	65°	19.5	17.7	15.4	13.1	10.0	6.8	3.2	0.0	0.0	0.0
0.0	67.5°	18.1	14.5	10.4	6.8	5.0	3.6	1.8	0.0	0.0	0.0
	70°	18.1	12.7	7.3	1.8	1.4	0.9	0.5	0.0	0.0	0.0
	72.5°	18.1	12.2	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	19.9	13.6	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	19.9	13.6	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	17.7	11.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	5.9	4.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
0.0	2.5°	20.4	20.4	20.4	19.9	19.9	19.9	19.9	19.5	19.5	19.5
0.0	5°	18.6	18.6	18.1	18.1	17.7	17.7	17.2	17.2	16.8	16.8
0.0	7.5°	17.2	16.8	16.8	16.3	15.9	15.9	15.4	15.4	15.0	14.5
0.0	10°	15.9	15.4	15.4	15.0	14.5	14.1	14.1	13.6	13.1	12.7
0.0	12.5°	14.5	14.1	13.6	13.1	12.7	12.2	12.2	11.8	11.3	10.9
0.0	15°	12.7	12.2	11.8	11.3	10.9	10.4	10.4	10.0	9.5	9.1
0.0	17.5°	10.9	10.4	10.4	10.0	9.5	9.1	8.6	7.7	7.3	6.8
0.0	20°	8.2	7.7	7.3	6.8	6.3	5.4	5.0	4.1	3.2	2.7
0.0	22.5°	5.4	4.5	4.1	3.2	2.3	1.8	1.4	0.5	0.0	0.0
0.0	25°	1.8	1.4	0.9	0.5	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: P1049141

CATALOG NUMBER: GALN-SA2A-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049141

CATALOG NUMBER: GALN-SA2A-830-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
0.0	2.5°	19.0	19.0	19.0	18.6	18.6	18.6	18.6	18.6	18.6	18.6
0.0	5°	16.3	16.3	16.3	15.9	15.9	15.4	15.4	15.4	15.0	15.0
0.0	7.5°	14.1	13.6	13.6	13.1	13.1	12.7	12.7	12.7	12.2	12.2
0.0	10°	11.8	11.3	11.3	10.9	10.9	10.4	10.4	10.0	10.0	9.5
0.0	12.5°	10.4	10.0	9.5	9.1	9.1	8.6	8.2	8.2	7.7	7.3
0.0	15°	8.2	7.7	7.3	6.8	6.3	5.9	5.4	5.4	5.0	4.5
0.0	17.5°	5.4	4.5	4.1	3.6	3.6	3.2	2.7	2.3	1.8	1.4
0.0	20°	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA2A-830-U-RBC

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CATALOG NUMBER: GALN-SA2A-830-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°	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
0.0	2.5°	18.6	18.1	18.1	18.1	18.6	18.6	18.6	18.6	18.6	18.6
0.0	5°	15.0	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
0.0	7.5°	12.2	11.8	11.8	11.8	11.8	11.3	11.3	11.3	11.3	11.3
0.0	10°	9.5	9.1	9.1	9.1	9.1	8.6	8.6	8.6	8.6	8.6
0.0	12.5°	6.8	6.8	6.3	6.3	6.3	5.9	5.9	5.9	5.9	5.4
0.0	15°	4.1	3.6	3.2	3.2	3.2	2.7	2.7	2.7	2.7	2.3
0.0	17.5°	0.9	0.9	0.5	0.5	0.5	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



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
0.0	2.5°	19.0	19.0	19.5	19.5	19.9	20.8	21.3	21.8	22.7	23.6
0.0	5°	15.0	15.4	15.4	15.9	16.3	16.8	17.2	17.7	18.6	19.5
0.0	7.5°	11.8	11.8	12.2	12.2	12.7	13.6	14.1	14.5	15.4	16.8
0.0	10°	9.1	9.1	9.5	9.5	10.0	10.9	11.3	11.8	12.7	14.1
0.0	12.5°	5.9	6.3	6.3	6.8	7.3	8.2	8.6	9.1	10.0	10.9
0.0	15°	2.7	3.2	3.2	3.6	4.1	5.0	5.4	5.9	6.8	8.2
0.0	17.5°	0.5	0.5	0.9	0.9	1.4	1.8	2.3	2.7	4.1	5.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.8
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
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



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
0.0	2.5°	24.9	25.8	26.7	27.6	28.6	29.5	29.9	30.8	31.3	31.7
0.0	5°	21.3	22.2	23.6	24.5	25.4	26.3	27.2	27.6	28.1	28.6
0.0	7.5°	18.6	19.5	20.8	21.8	22.7	23.6	24.5	25.4	25.8	26.3
0.0	10°	15.9	17.2	18.1	19.5	20.4	21.3	22.2	23.1	24.0	24.5
0.0	12.5°	12.7	14.1	15.4	16.3	17.7	19.0	19.9	20.8	21.8	22.7
0.0	15°	10.0	11.3	12.7	13.6	15.0	16.3	17.7	18.6	19.5	20.4
0.0	17.5°	7.3	8.6	10.0	10.9	12.2	13.6	14.5	15.9	16.8	17.7
0.0	20°	3.6	5.0	6.3	7.7	9.1	10.4	11.3	12.7	13.6	14.5
0.0	22.5°	0.5	1.8	3.2	4.1	5.4	6.8	7.7	9.1	10.0	10.9
0.0	25°	0.0	0.5	1.4	1.8	2.3	3.2	4.1	5.0	5.9	6.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.8	2.7	3.6
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
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	0.5
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.9
	85°	0.0	0.0	0.0	0.0	0.0	0.9	1.4	2.3	2.7	3.2
	87.5°	0.0	0.5	0.9	1.4	1.8	2.7	3.6	4.5	5.0	5.4
	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: P1049141

CATALOG NUMBER: GALN-SA2A-830-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
26.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	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											
0.5											
1.8											
4.1											
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REPORT NUMBER: P1049141

CATALOG NUMBER: GALN-SA2A-830-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
0.0	2.5°	32.2	32.2	32.2	32.2	31.7	31.7	31.7	31.3	31.3	30.8
0.0	5°	29.5	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.5	29.5
0.0	7.5°	27.2	27.6	28.1	28.1	28.6	28.6	28.6	28.1	28.1	27.6
0.0	10°	25.8	26.3	26.3	26.7	26.7	26.7	26.7	26.7	26.7	26.7
0.0	12.5°	24.0	24.5	24.9	24.9	25.4	25.4	25.4	25.4	24.9	24.9
0.0	15°	21.8	22.7	23.1	23.6	23.6	24.0	24.0	24.0	24.0	24.0
0.0	17.5°	19.9	20.8	21.3	21.8	21.8	22.2	22.2	22.7	22.7	22.7
0.0	20°	16.3	17.2	17.7	18.6	19.0	19.5	19.9	20.4	20.4	20.8
0.0	22.5°	12.7	13.6	14.1	15.0	15.4	15.9	16.3	16.8	17.2	17.7
0.0	25°	9.1	10.0	10.4	11.3	11.8	12.2	12.7	13.1	13.1	13.6
0.0	27.5°	5.0	5.9	6.8	7.3	8.2	8.6	9.1	9.5	10.0	10.4
0.0	30°	2.3	2.7	3.2	4.1	4.5	5.0	5.4	6.3	6.8	7.3
0.0	32.5°	0.0	0.0	0.5	1.4	1.8	2.3	2.7	3.2	3.2	3.6
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.4	1.8
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.9	0.9	0.9	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	82.5°	2.3	2.7	3.2	3.2	3.6	3.6	3.6	3.6	3.2	3.2
	85°	4.5	5.0	5.4	5.4	5.9	5.9	5.9	5.9	5.9	5.9
	87.5°	6.3	6.8	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049141

CATALOG NUMBER: GALN-SA2A-830-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
26.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	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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1.4											
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REPORT NUMBER: P1049141

CATALOG NUMBER: GALN-SA2A-830-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°	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
0.0	2.5°	30.4	30.4	29.9	29.9	29.9	29.9	29.9	30.4	30.8	30.8
0.0	5°	29.0	29.0	28.6	28.6	28.6	29.0	29.0	29.5	29.9	30.4
0.0	7.5°	27.6	27.2	27.2	27.6	27.6	28.1	28.1	28.6	29.0	29.5
0.0	10°	26.7	26.3	26.3	26.3	26.7	26.7	27.2	27.6	28.1	28.6
0.0	12.5°	24.9	24.9	24.9	24.9	25.4	25.4	25.8	26.3	27.2	27.6
0.0	15°	24.0	23.6	23.6	23.6	23.6	24.0	24.0	24.9	25.8	26.3
0.0	17.5°	22.2	22.2	21.8	21.8	22.2	22.2	22.7	23.6	24.5	24.9
0.0	20°	20.4	19.9	19.5	19.5	19.9	19.9	20.4	21.3	22.2	22.7
0.0	22.5°	17.7	17.2	17.2	17.2	17.2	17.7	17.7	18.6	19.9	20.8
0.0	25°	14.1	14.5	14.5	15.0	15.0	15.4	15.9	16.8	18.1	19.0
0.0	27.5°	10.9	11.3	11.3	12.2	12.7	13.1	13.6	15.0	16.3	17.2
0.0	30°	8.2	8.6	9.1	9.5	10.4	11.3	12.2	13.6	15.0	15.9
0.0	32.5°	5.0	5.9	6.3	7.3	8.2	9.1	10.0	11.3	13.1	14.5
0.0	35°	3.6	4.1	5.0	5.4	6.3	7.3	8.2	10.0	11.3	13.1
0.0	37.5°	1.8	2.7	3.6	4.5	5.4	6.3	7.3	9.1	10.9	12.2
0.0	40°	1.4	2.3	2.7	3.6	5.0	5.9	6.8	8.6	10.4	12.2
0.0	42.5°	0.9	1.4	1.8	3.2	4.1	5.4	6.8	8.6	10.4	12.2
0.0	45°	0.9	0.9	1.4	2.7	4.1	5.9	7.3	9.1	10.4	12.2
0.0	47.5°	0.9	1.4	1.8	3.6	4.5	5.9	7.3	8.6	10.4	11.8
0.0	50°	1.4	1.8	2.3	4.1	5.0	6.3	7.3	9.1	10.4	12.2
0.0	52.5°	0.9	1.4	1.8	3.6	5.0	6.8	8.2	10.0	11.8	13.1
0.0	55°	0.5	0.5	0.5	2.7	5.4	7.7	10.4	11.8	13.6	15.0
0.0	57.5°	0.0	0.0	0.0	1.8	5.4	8.6	11.8	13.6	15.4	16.8
0.0	60°	0.0	0.0	0.0	1.8	5.4	8.6	11.8	14.1	16.3	18.6
0.0	62.5°	0.0	0.0	0.0	1.8	4.5	7.3	10.0	13.6	17.7	21.3
0.0	65°	0.0	0.0	0.0	1.4	3.6	5.9	8.2	13.6	19.0	24.0
0.0	67.5°	0.0	0.0	0.0	1.4	3.6	5.4	7.7	13.6	19.0	24.9
	70°	0.0	0.0	0.0	1.4	3.6	5.9	8.2	13.6	19.0	24.5
	72.5°	0.0	0.0	0.0	1.4	4.1	6.3	9.1	13.6	18.1	22.7
	75°	0.0	0.0	0.0	1.8	4.1	6.8	9.5	13.6	17.7	21.3
	77.5°	0.0	0.0	0.0	1.4	4.1	6.3	9.1	13.1	17.2	20.8
	80°	1.4	0.9	0.9	2.3	4.1	5.9	7.7	11.8	16.3	20.4
	82.5°	2.7	2.7	2.3	3.2	4.1	5.4	6.8	10.4	14.5	18.1
	85°	5.4	5.4	5.0	5.4	5.4	5.9	6.3	8.2	10.0	11.8
	87.5°	7.3	7.3	6.8	6.8	6.8	6.3	6.3	6.3	6.3	5.9
	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

REPORT NUMBER: P1049141

CATALOG NUMBER: GALN-SA2A-830-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
26.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.9											
27.2											
25.4											
24.9											
24.5											
21.8											
13.6											
5.9											
0.0											
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REPORT NUMBER: P1049141

CATALOG NUMBER: GALN-SA2A-830-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
0.0	2.5°	31.7	32.2	32.2	32.6	33.1	33.5	33.5	34.0	34.0	34.0
0.0	5°	31.3	32.2	32.6	33.1	33.5	34.0	34.4	34.9	35.4	35.4
0.0	7.5°	30.8	31.3	32.2	32.6	33.5	34.0	34.9	35.4	35.8	36.3
0.0	10°	29.9	30.8	31.7	32.6	33.5	34.4	35.4	36.3	37.2	37.6
0.0	12.5°	29.0	30.4	31.3	32.2	33.5	34.9	35.8	37.2	38.1	39.0
0.0	15°	28.6	29.5	30.8	31.7	33.5	35.4	36.7	38.5	40.3	41.7
0.0	17.5°	27.2	29.0	30.4	31.7	33.5	35.8	37.6	39.4	42.2	44.9
0.0	20°	25.4	26.7	28.6	29.9	32.6	34.9	37.6	39.9	44.0	48.0
0.0	22.5°	23.6	25.4	26.7	28.6	31.7	34.4	37.6	40.3	47.1	53.5
0.0	25°	21.8	24.0	25.8	27.6	31.3	34.9	38.5	42.2	53.5	64.8
0.0	27.5°	20.8	22.7	24.9	26.7	31.3	36.3	40.8	45.3	63.5	81.1
0.0	30°	19.5	21.8	23.6	25.8	31.7	37.6	43.5	49.4	77.0	104.7
0.0	32.5°	18.1	20.4	22.7	24.9	32.6	40.3	47.6	55.3	91.6	127.4
0.0	35°	16.8	19.5	21.8	24.0	34.0	44.4	54.4	64.4	104.7	144.6
0.0	37.5°	16.3	19.0	21.3	23.6	34.4	44.9	55.7	66.2	106.1	145.9
0.0	40°	16.8	19.0	21.8	24.0	33.1	42.2	50.8	59.8	101.5	142.8
0.0	42.5°	16.8	19.5	22.2	24.9	32.2	39.4	46.7	53.9	100.2	146.4
0.0	45°	16.3	19.0	21.8	24.5	31.3	37.6	44.4	50.8	108.3	165.4
0.0	47.5°	15.9	18.6	21.3	24.0	30.8	37.6	44.4	51.2	140.0	228.4
0.0	50°	15.9	18.6	20.8	23.1	31.3	39.9	48.0	56.2	204.0	351.3
0.0	52.5°	16.8	19.0	20.8	22.7	32.2	42.2	51.7	61.2	259.2	456.9
0.0	55°	18.1	19.5	21.3	22.7	34.4	45.8	57.6	68.9	276.0	483.1
0.0	57.5°	19.9	21.3	22.7	24.0	38.5	53.0	67.1	81.6	277.4	472.7
0.0	60°	22.2	24.0	25.4	26.7	42.2	58.0	73.4	88.8	251.1	412.9
0.0	62.5°	27.2	29.5	31.3	33.5	48.5	63.0	78.0	92.5	208.5	324.5
0.0	65°	31.3	33.1	34.9	36.7	51.2	66.2	80.7	95.2	176.8	258.3
0.0	67.5°	32.2	34.0	35.4	37.2	52.1	67.1	81.6	96.5	151.4	205.8
	70°	32.6	34.9	37.6	39.9	55.3	70.7	85.7	101.1	134.2	167.2
	72.5°	31.3	35.8	39.9	44.0	58.5	72.5	87.0	101.1	124.6	148.2
	75°	31.3	37.6	43.5	49.4	60.3	70.7	81.6	92.0	110.1	128.3
	77.5°	33.1	41.2	49.4	57.6	63.9	69.8	76.1	82.0	93.8	105.6
	80°	33.1	41.7	49.9	58.5	61.2	64.4	67.1	69.8	71.2	72.5
	82.5°	28.6	35.4	42.2	48.9	45.8	42.6	39.4	36.3	34.0	31.3
	85°	14.5	15.9	16.8	17.7	16.3	15.0	13.6	12.2	11.3	10.0
	87.5°	5.9	5.9	5.4	5.4	5.4	5.4	5.0	5.0	5.0	5.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049141

CATALOG NUMBER: GALN-SA2A-830-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
26.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
181.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
227.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
257.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
281.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
304.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
349.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
440.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
670.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1027.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1293.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1323.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1193.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1020.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
797.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
602.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
445.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
315.0											
234.3											
170.4											
128.3											
72.1											
32.6											
9.5											
4.5											
0.0											
0.0											
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REPORT NUMBER: P1049141

CATALOG NUMBER: GALN-SA2A-830-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°	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
0.0	2.5°	34.0	33.5	33.5	33.1	32.6	32.2	31.7	31.3	30.8	30.4
0.0	5°	35.4	35.4	35.4	34.9	34.9	34.4	34.4	34.0	33.5	33.1
0.0	7.5°	36.7	37.2	37.2	37.6	37.6	37.6	37.6	37.2	37.2	37.2
0.0	10°	39.0	39.4	39.9	40.3	40.8	41.2	41.2	41.7	41.7	41.7
0.0	12.5°	41.7	43.1	44.0	45.3	46.2	47.6	48.5	49.9	50.8	51.7
0.0	15°	45.8	48.0	50.8	53.0	55.3	58.5	62.1	65.3	68.4	73.4
0.0	17.5°	51.7	58.9	66.2	73.0	80.2	96.1	111.9	127.4	143.2	166.3
0.0	20°	63.0	84.8	106.1	127.8	149.1	204.9	260.2	315.9	371.2	430.6
0.0	22.5°	88.4	141.9	195.3	248.8	302.3	418.8	534.8	651.3	767.3	903.7
0.0	25°	128.3	226.6	325.0	422.9	521.2	703.4	886.1	1068.3	1250.5	1427.7
0.0	27.5°	186.7	337.2	487.7	637.7	788.2	1035.2	1282.6	1529.7	1776.7	1977.0
0.0	30°	258.8	462.7	666.7	870.7	1074.6	1355.6	1636.6	1917.2	2198.2	2417.1
0.0	32.5°	326.8	576.5	826.2	1075.5	1325.2	1645.2	1965.7	2285.6	2605.6	2844.9
0.0	35°	371.2	673.0	975.4	1277.2	1579.1	1925.3	2271.6	2617.4	2963.7	3237.0
0.0	37.5°	415.6	764.1	1112.2	1460.8	1808.8	2189.1	2569.4	2949.6	3329.9	3667.5
0.0	40°	465.5	874.3	1282.6	1691.5	2099.8	2550.3	3000.4	3450.9	3901.0	4377.3
0.0	42.5°	552.0	1056.9	1562.3	2067.2	2572.1	3168.1	3764.1	4359.6	4955.6	5635.5
0.0	45°	714.7	1426.3	2138.3	2849.9	3561.5	4351.0	5141.0	5930.5	6720.1	7624.7
0.0	47.5°	1113.1	2092.1	3070.6	4049.6	5028.1	5880.7	6732.7	7585.3	8437.3	9338.4
0.0	50°	1703.2	2842.7	3982.1	5121.1	6260.5	7031.9	7802.8	8574.2	9345.2	10202.2
0.0	52.5°	2130.2	3317.2	4504.7	5691.7	6878.7	7574.8	8271.5	8967.6	9663.8	10464.6
0.0	55°	2162.4	3342.6	4523.2	5703.5	6883.7	7583.0	8282.3	8981.7	9681.0	10529.9
0.0	57.5°	1914.4	3085.1	4255.4	5426.1	6596.3	7392.6	8188.5	8984.8	9780.7	10698.5
0.0	60°	1628.5	2799.6	3970.3	5141.4	6312.1	7229.5	8147.3	9064.6	9982.0	10841.7
0.0	62.5°	1270.4	2475.1	3680.2	4884.9	6089.6	7021.0	7952.4	8883.3	9814.7	10459.7
0.0	65°	946.8	2116.6	3286.4	4455.7	5625.5	6371.5	7117.5	7863.1	8609.1	9008.4
0.0	67.5°	684.4	1693.3	2701.7	3710.6	4719.0	5252.9	5786.9	6320.3	6854.2	7159.7
	70°	462.7	1161.6	1860.1	2558.9	3257.4	3696.1	4135.3	4574.0	5012.7	5425.2
	72.5°	320.4	712.9	1105.9	1498.4	1890.9	2332.3	2773.3	3214.8	3655.8	4092.2
	75°	212.6	391.1	570.2	748.7	927.3	1254.1	1581.3	1908.1	2234.9	2495.0
	77.5°	150.9	204.4	258.3	311.8	365.3	426.5	488.1	549.3	610.5	703.4
	80°	71.6	78.4	85.2	91.6	98.4	120.6	142.8	165.0	187.2	210.8
	82.5°	34.0	36.7	39.4	41.7	44.4	46.7	48.9	51.2	53.5	51.2
	85°	9.1	9.1	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.1
	87.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.6	3.6	3.2
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
26.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
189.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
490.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1040.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1604.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2177.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2636.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3084.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3510.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4005.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4853.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6315.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8529.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10239.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11059.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11265.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11379.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11616.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11701.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11105.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9408.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7465.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5837.2											
4528.7											
2755.2											
796.3											
234.3											
48.5											
8.6											
3.2											
0.0											
0.0											
0.0											
0.0											
0.0											
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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°	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
0.0	2.5°	29.5	29.0	28.6	28.1	27.6	26.7	26.7	26.3	26.3
0.0	5°	32.2	31.7	31.3	30.8	30.8	30.4	29.9	29.9	29.5
0.0	7.5°	36.7	36.3	35.8	35.4	35.4	34.9	34.9	34.4	34.4
0.0	10°	42.2	42.2	42.2	42.2	42.2	41.7	41.7	41.7	41.2
0.0	12.5°	53.0	53.5	54.4	55.3	56.7	56.7	56.7	56.2	56.2
0.0	15°	83.8	88.8	92.5	96.1	99.3	106.5	105.6	104.2	103.3
0.0	17.5°	212.1	234.8	247.0	258.8	271.0	304.6	299.1	293.7	288.7
0.0	20°	549.8	609.1	648.6	688.0	727.9	790.9	775.5	760.1	744.7
0.0	22.5°	1176.1	1312.6	1371.9	1431.3	1490.2	1566.4	1517.0	1467.6	1418.6
0.0	25°	1781.7	1958.9	2059.0	2159.2	2258.9	2302.4	2238.1	2173.2	2108.9
0.0	27.5°	2377.6	2578.0	2666.4	2754.3	2842.7	2933.8	2854.0	2773.8	2694.0
0.0	30°	2855.4	3074.3	3169.9	3265.1	3360.7	3424.2	3341.7	3258.7	3176.2
0.0	32.5°	3324.0	3563.3	3668.0	3772.7	3876.9	3968.0	3866.5	3764.5	3663.0
0.0	35°	3783.1	4056.4	4200.5	4344.7	4488.8	4573.6	4453.0	4332.0	4211.4
0.0	37.5°	4343.3	4681.0	4842.3	5003.7	5165.0	5319.6	5186.8	5053.5	4920.7
0.0	40°	5330.0	5806.3	6053.8	6301.7	6549.2	6748.6	6580.9	6413.2	6245.5
0.0	42.5°	6995.2	7675.0	8030.8	8386.1	8741.9	9053.3	8877.0	8700.7	8524.4
0.0	45°	9434.0	10338.6	10772.4	11205.7	11639.4	11866.9	11613.1	11358.9	11105.1
0.0	47.5°	11140.0	12041.0	12427.1	12813.3	13199.4	13459.1	13148.7	12838.2	12528.2
0.0	50°	11915.9	12772.9	13160.5	13547.5	13935.0	14141.3	13782.7	13423.8	13065.3
0.0	52.5°	12065.9	12866.8	13329.1	13791.8	14254.1	14529.7	14106.4	13682.6	13259.3
0.0	55°	12228.2	13077.1	13613.2	14149.9	14686.0	15067.7	14589.0	14110.0	13631.4
0.0	57.5°	12533.6	13451.4	13986.2	14520.6	15055.4	15379.5	14899.5	14419.1	13939.1
0.0	60°	12560.8	13420.2	13879.7	14339.8	14799.3	15003.3	14544.2	14084.6	13625.5
0.0	62.5°	11750.0	12395.0	12714.0	13033.1	13352.2	13573.8	13094.7	12615.2	12136.2
0.0	65°	9807.5	10206.8	10461.0	10715.3	10969.5	11233.8	10795.1	10356.3	9917.6
0.0	67.5°	7771.1	8076.6	8411.5	8746.4	9081.4	9363.7	9012.5	8660.8	8309.5
	70°	6249.6	6661.6	7038.2	7414.9	7791.5	8022.6	7670.0	7317.0	6964.3
	72.5°	4965.1	5401.6	5716.1	6030.2	6344.8	6401.4	6142.2	5882.9	5624.1
	75°	3014.9	3275.0	3281.4	3287.3	3293.6	3347.6	3132.7	2917.9	2703.5
	77.5°	889.2	982.2	1058.7	1134.9	1211.5	1303.9	1225.1	1145.8	1066.9
	80°	257.4	281.0	300.9	320.4	340.4	328.6	310.0	291.4	272.8
	82.5°	46.2	43.5	43.1	42.6	42.6	40.3	36.7	33.1	29.5
	85°	8.2	7.7	7.3	6.8	6.3	5.9	5.0	4.5	3.6
	87.5°	2.7	2.3	1.8	1.4	1.4	0.5	0.5	0.5	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: P1049141

CATALOG NUMBER: GALN-SA2A-830-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°	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
0.0	0.0	2.5°	25.8	25.4	25.4	25.4	25.4	24.9	24.9	24.9	24.9
0.0	0.0	5°	28.6	28.6	28.1	28.1	27.6	27.6	27.2	27.2	26.7
0.0	0.0	7.5°	33.5	33.1	32.6	32.2	31.7	30.8	30.4	29.9	29.9
0.0	0.0	10°	40.3	39.4	39.0	38.1	37.6	36.7	35.8	34.9	34.0
0.0	0.0	12.5°	53.0	51.2	49.9	48.0	46.2	44.9	43.1	41.7	39.9
0.0	0.0	15°	92.0	87.5	82.5	76.6	70.3	64.4	58.0	54.4	50.3
0.0	0.0	17.5°	235.2	211.7	187.6	168.1	148.7	129.6	110.1	96.1	82.0
0.0	0.0	20°	598.7	533.5	468.2	403.8	339.0	274.7	209.8	177.2	144.6
0.0	0.0	22.5°	1126.7	1005.7	884.3	766.9	649.0	531.6	414.3	340.4	267.0
0.0	0.0	25°	1739.0	1586.8	1434.5	1241.4	1047.9	854.8	661.7	541.6	421.5
0.0	0.0	27.5°	2263.0	2087.6	1912.2	1677.4	1442.6	1207.9	973.1	794.1	615.5
0.0	0.0	30°	2716.7	2528.1	2339.6	2066.3	1793.0	1519.7	1246.4	1022.5	798.6
0.0	0.0	32.5°	3110.1	2884.4	2658.7	2376.7	2094.8	1812.9	1531.0	1256.4	981.7
0.0	0.0	35°	3563.8	3300.4	3036.6	2723.9	2410.7	2098.0	1785.3	1475.3	1164.8
0.0	0.0	37.5°	4140.3	3817.1	3493.5	3145.0	2796.4	2448.4	2099.8	1745.4	1391.0
0.0	0.0	40°	5243.9	4826.9	4409.9	3967.1	3523.9	3081.1	2638.3	2203.2	1768.1
0.0	0.0	42.5°	7221.3	6658.0	6094.6	5505.4	4915.7	4326.5	3736.9	3123.2	2509.1
0.0	0.0	45°	9453.0	8754.2	8054.8	7393.6	6731.8	6070.6	5409.3	4567.2	3725.1
0.0	0.0	47.5°	10708.0	9953.4	9198.8	8572.9	7946.9	7321.0	6695.1	5787.3	4879.5
0.0	0.0	50°	11169.9	10401.6	9633.4	9057.4	8480.9	7904.8	7328.3	6419.1	5509.5
0.0	0.0	52.5°	11268.2	10484.6	9701.0	9121.3	8541.6	7962.4	7382.7	6479.4	5576.1
0.0	0.0	55°	11470.4	10629.6	9788.4	9127.6	8466.8	7806.0	7145.2	6227.4	5309.6
0.0	0.0	57.5°	11734.6	10872.6	10010.5	9257.7	8504.9	7752.5	6999.7	5996.2	4992.8
0.0	0.0	60°	11665.3	10915.2	10164.6	9358.3	8551.6	7745.3	6938.5	5834.9	4730.8
0.0	0.0	62.5°	10461.5	9864.1	9266.3	8603.2	7939.7	7276.6	6613.5	5477.3	4341.0
0.0	0.0	65°	8606.4	8170.4	7734.4	7200.9	6667.0	6133.6	5600.1	4581.3	3562.8
0.0	0.0	67.5°	6975.2	6483.9	5992.2	5567.0	5141.4	4716.3	4290.7	3489.0	2687.2
		70°	5541.7	5007.3	4472.5	4057.3	3641.7	3226.5	2811.4	2278.4	1745.8
		72.5°	4400.9	3919.1	3437.3	2994.5	2551.2	2108.4	1665.2	1350.2	1035.2
		75°	2103.4	1910.8	1718.2	1486.6	1255.0	1023.4	791.8	654.5	517.6
		77.5°	779.6	675.8	571.5	477.3	383.0	289.2	194.9	178.6	162.3
		80°	201.7	175.9	149.6	131.0	111.9	93.4	74.8	67.5	60.7
		82.5°	23.1	21.3	19.9	19.0	17.7	16.8	15.4	14.1	12.7
		85°	1.4	0.9	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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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049141

CATALOG NUMBER: GALN-SA2A-830-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	26.3	26.3
0.0	0.0	2.5°	24.5	24.0
0.0	0.0	5°	25.8	25.4
0.0	0.0	7.5°	28.6	27.6
0.0	0.0	10°	31.3	30.4
0.0	0.0	12.5°	35.4	34.0
0.0	0.0	15°	39.9	37.2
0.0	0.0	17.5°	47.6	41.7
0.0	0.0	20°	64.4	49.4
0.0	0.0	22.5°	90.6	61.6
0.0	0.0	25°	133.2	85.2
0.0	0.0	27.5°	185.4	113.3
0.0	0.0	30°	246.6	141.9
0.0	0.0	32.5°	300.5	169.1
0.0	0.0	35°	370.7	196.7
0.0	0.0	37.5°	457.3	232.1
0.0	0.0	40°	591.5	285.5
0.0	0.0	42.5°	833.0	384.3
0.0	0.0	45°	1352.9	664.4
0.0	0.0	47.5°	2081.7	1099.1
0.0	0.0	50°	2546.7	1402.7
0.0	0.0	52.5°	2584.8	1400.5
0.0	0.0	55°	2359.5	1245.0
0.0	0.0	57.5°	2013.3	1040.6
0.0	0.0	60°	1673.3	823.1
0.0	0.0	62.5°	1318.4	568.4
0.0	0.0	65°	963.6	402.0
0.0	0.0	67.5°	692.1	300.5
		70°	455.0	230.2
		72.5°	296.4	187.6
		75°	199.4	155.5
		77.5°	116.5	103.3
		80°	41.2	36.3
		82.5°	7.7	5.4
		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: P1049141

CATALOG NUMBER: GALN-SA2A-830-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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

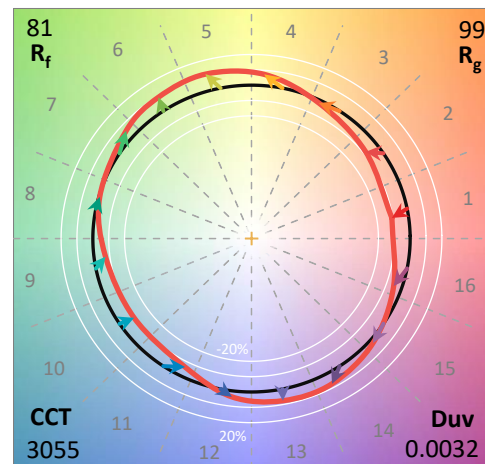
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-9
 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-830-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3055
 CIE u' : 0.2475
 CIE v' : 0.5247
 Duv: 0.0032
 CIE x: 0.4377
 CIE y: 0.4124
 CIE z: 0.1499
 Peak Wavelength (nm): 604
 Dominant Wavelength (nm): 581
 Purity: 55.16339
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 80.9
 R1: 79.5
 R2: 85.6
 R3: 92.1
 R4: 82.4
 R5: 78.9
 R6: 81.7
 R7: 85.1
 R8: 61.9
 R9: 6.8
 R10: 67.1
 R11: 82.5
 R12: 63.4
 R13: 80.2
 R14: 95.1
 R15: 71.7



Test Conditions

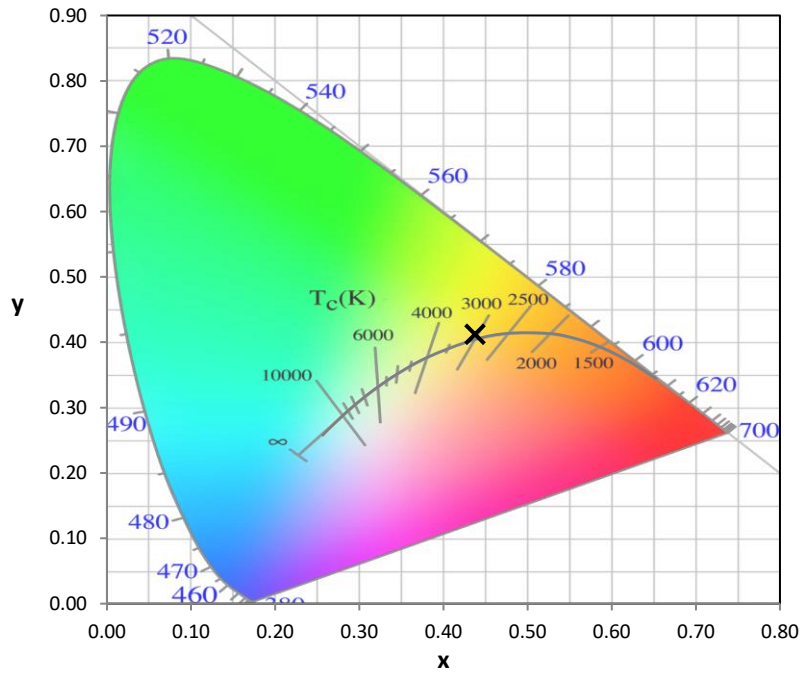
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

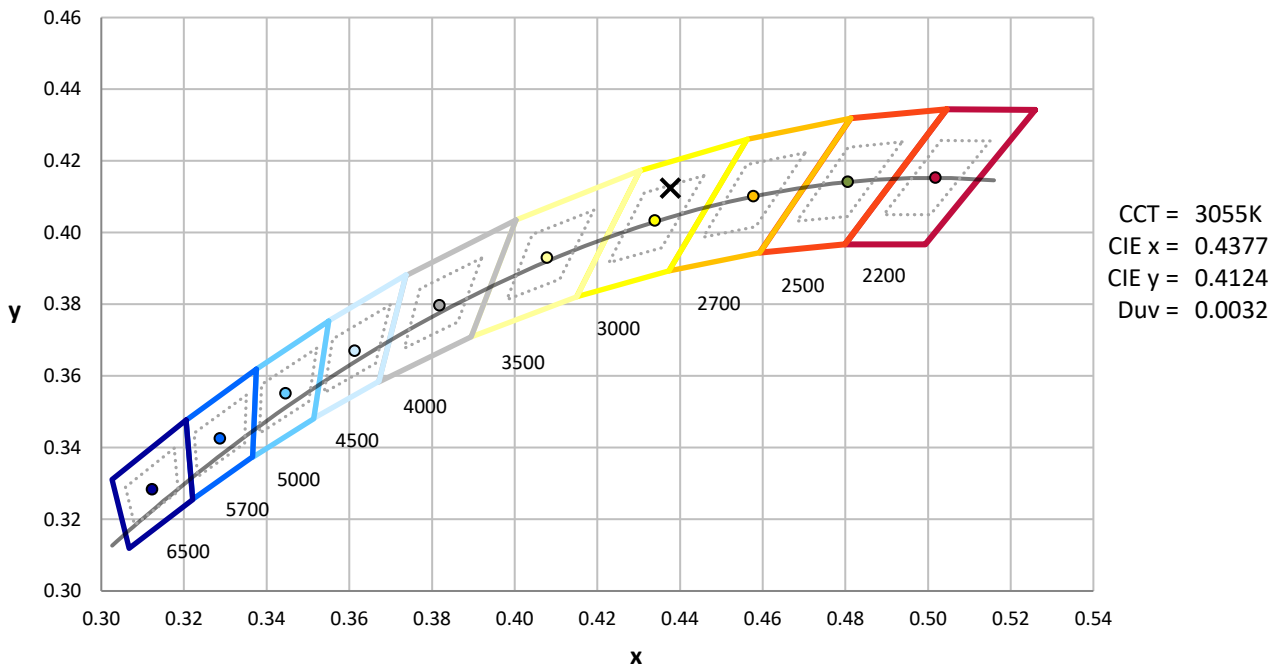
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram

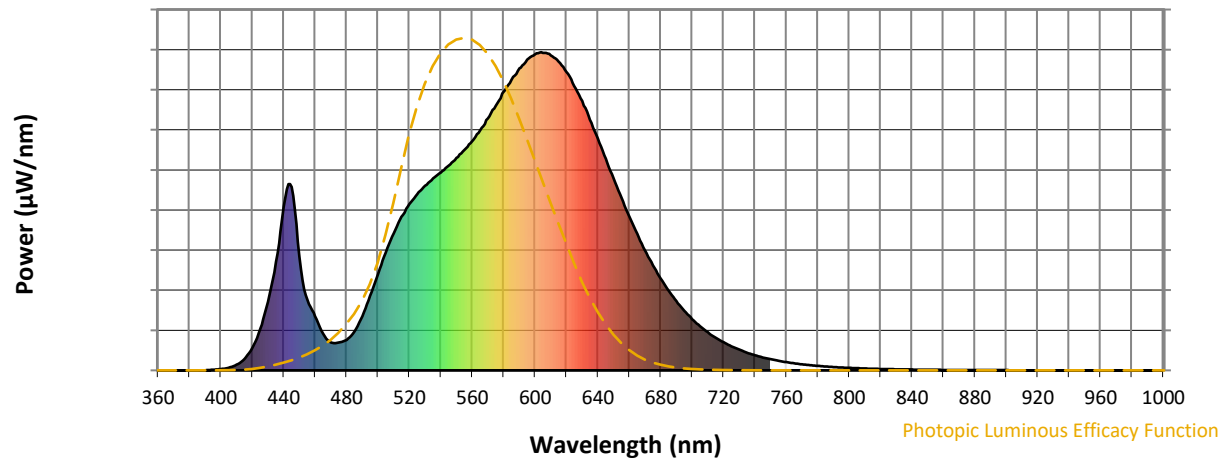


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

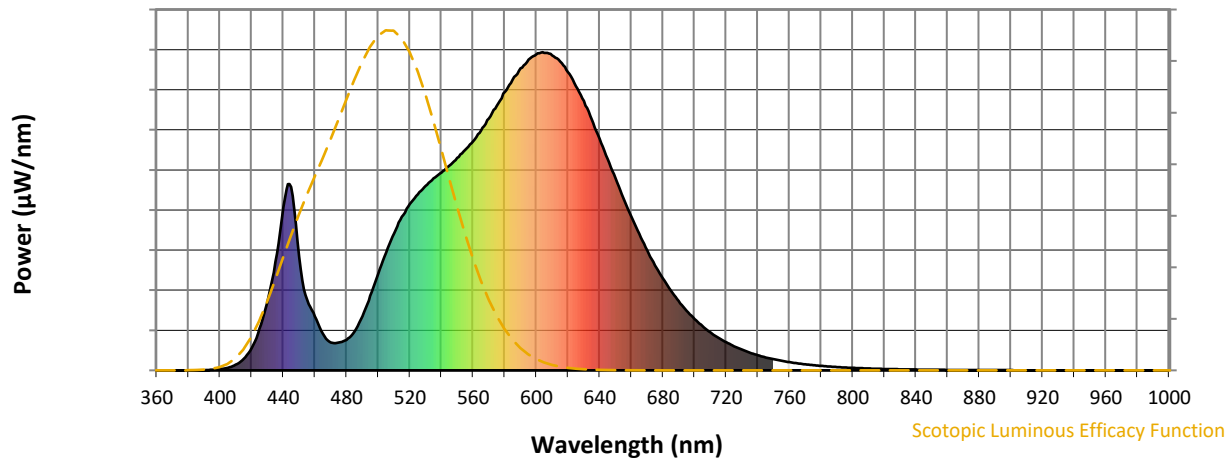


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength



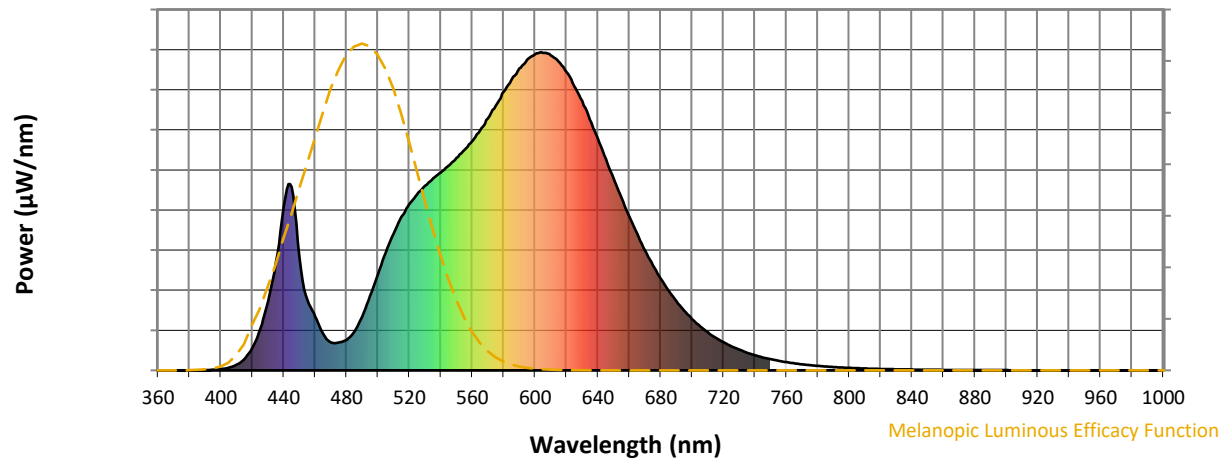
Scotopic Lumens: NR

S/P: 1.28

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.33

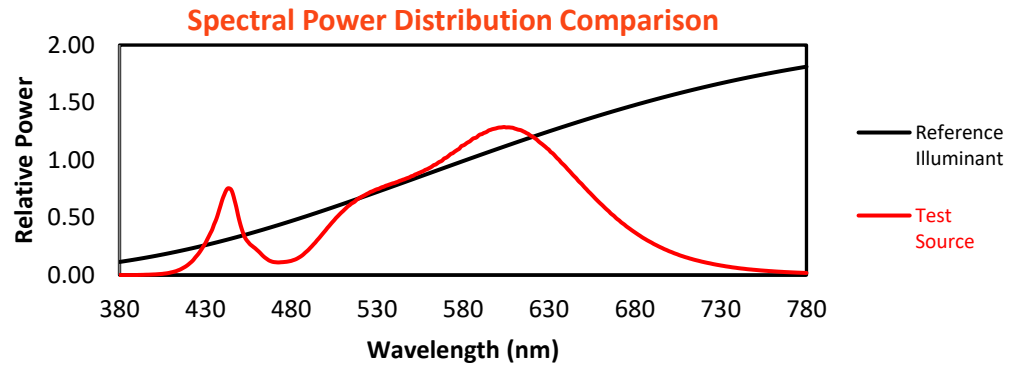
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

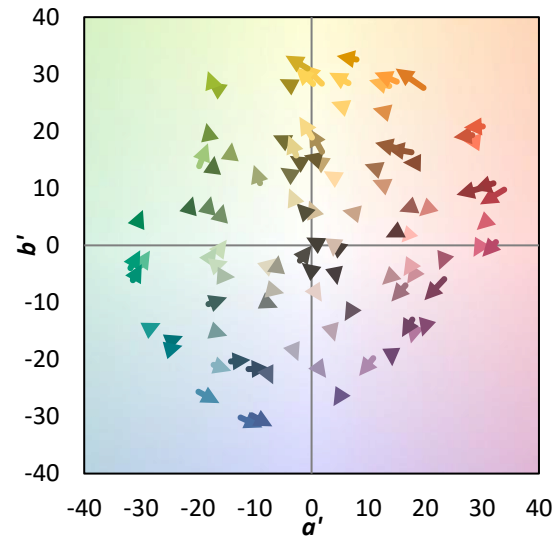
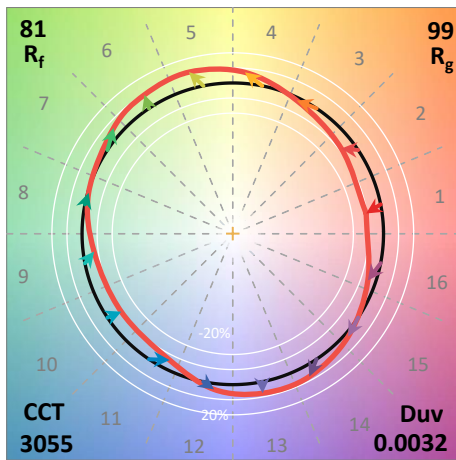
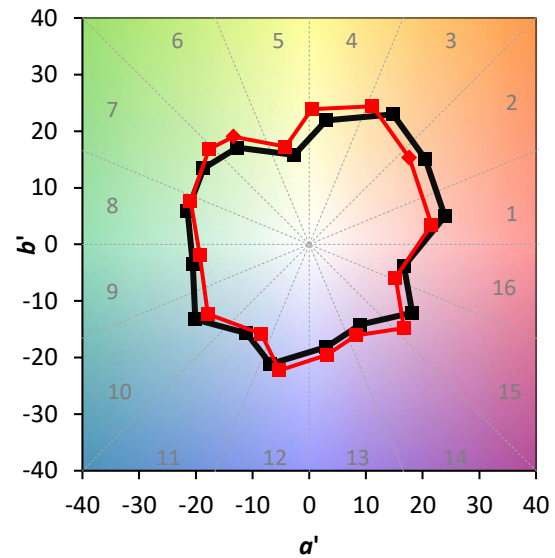
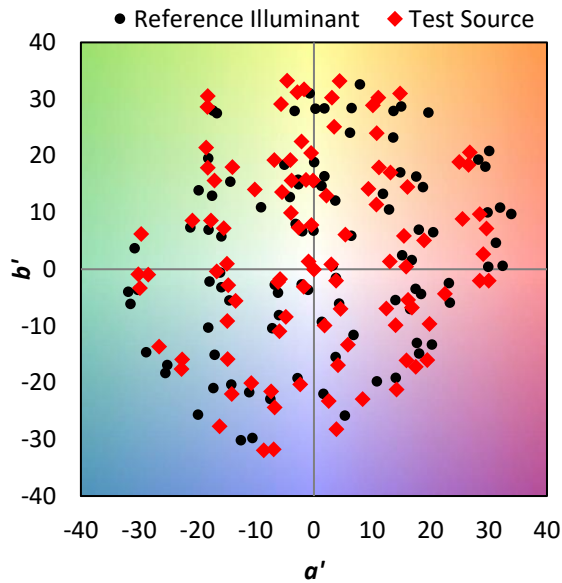
TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 80.9$
 $R_g = 6.8$

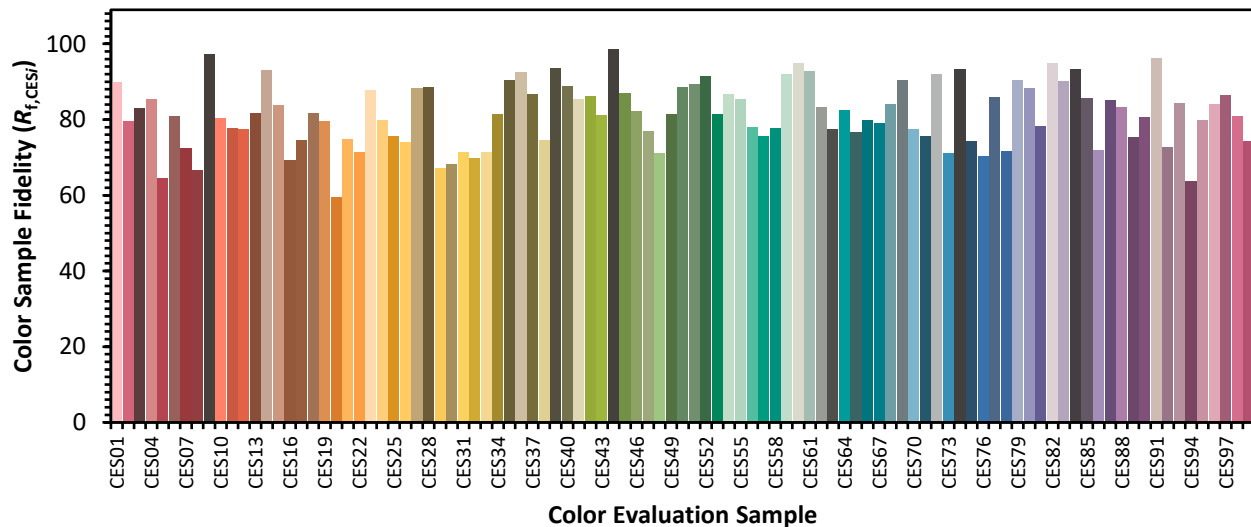


Color Vector Graphics

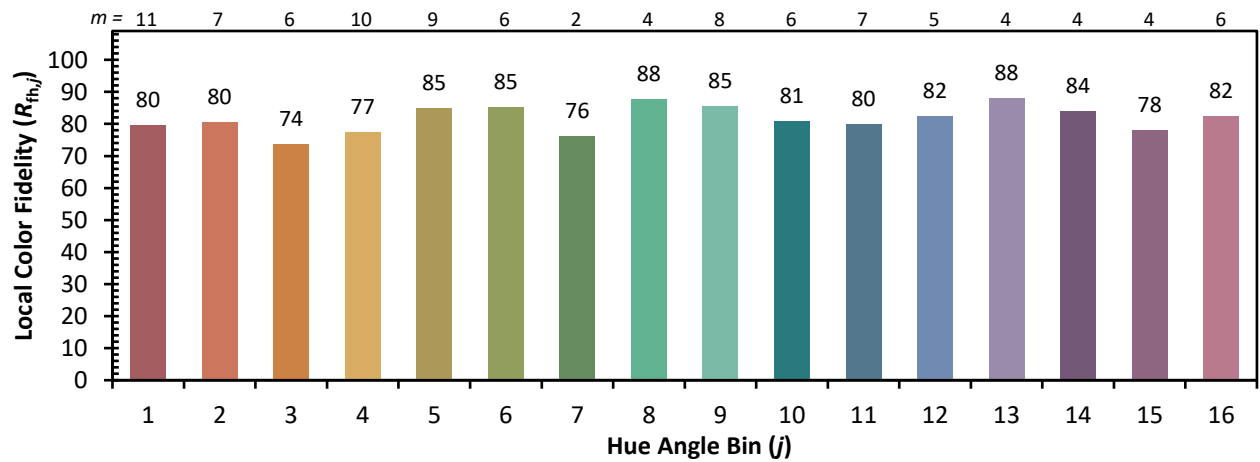
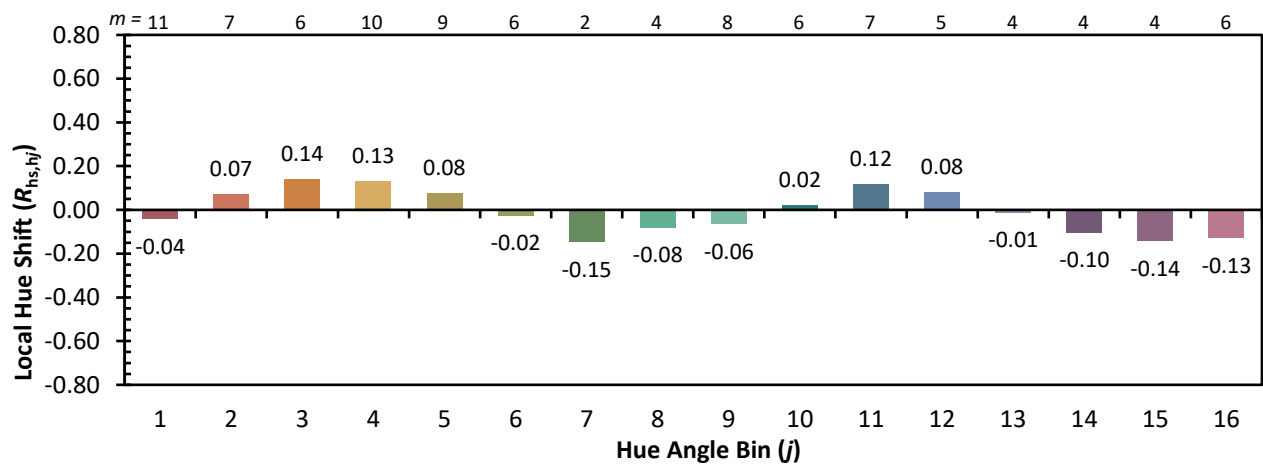
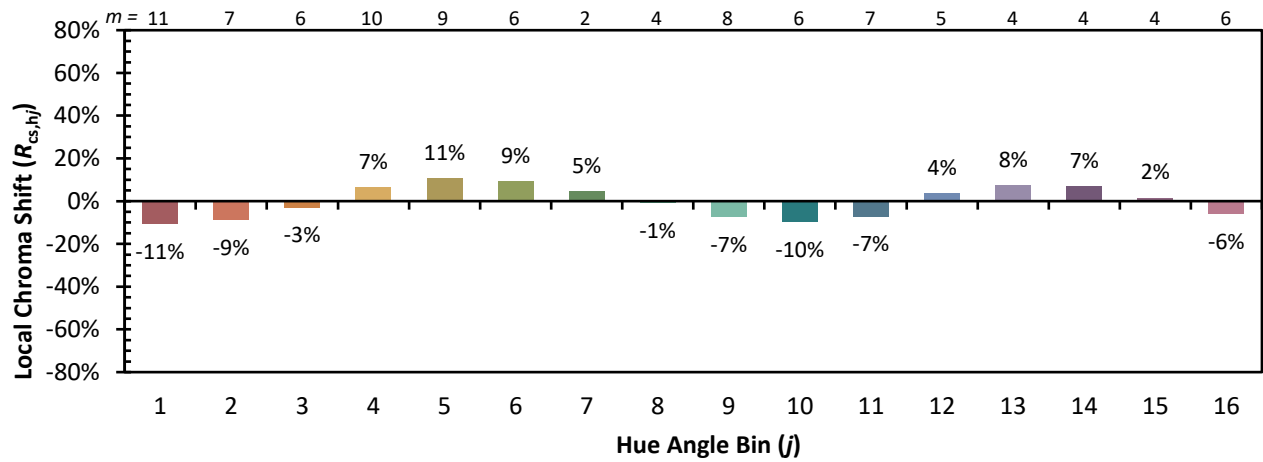


Individual Sample Fidelity Index ($R_{f,i}$)

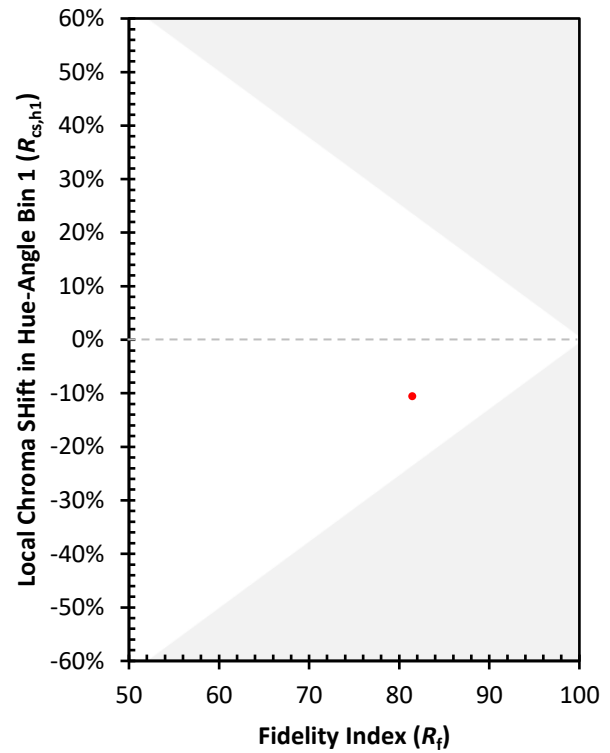
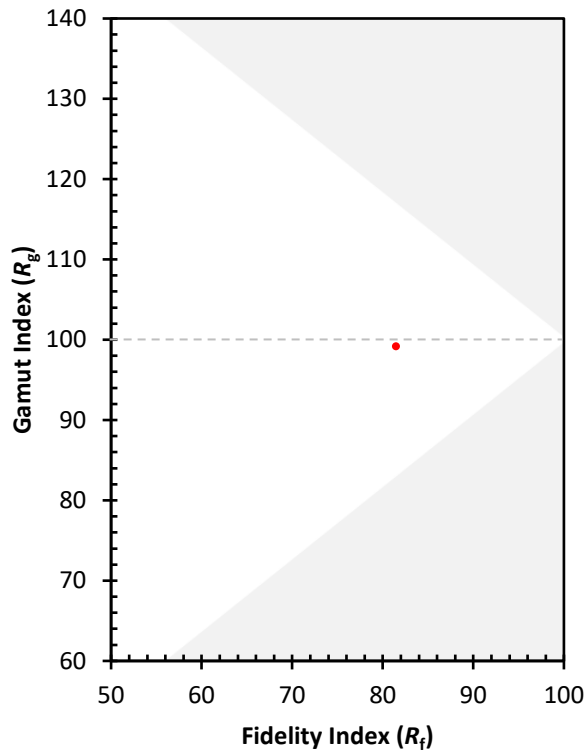
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)