

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: P1048958

Luminaire Tested: **GALN-SA1B-730-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048958
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1B-730-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
70CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4039.6 lumens
Efficiency: N/A
Efficacy: 104.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 38.7
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

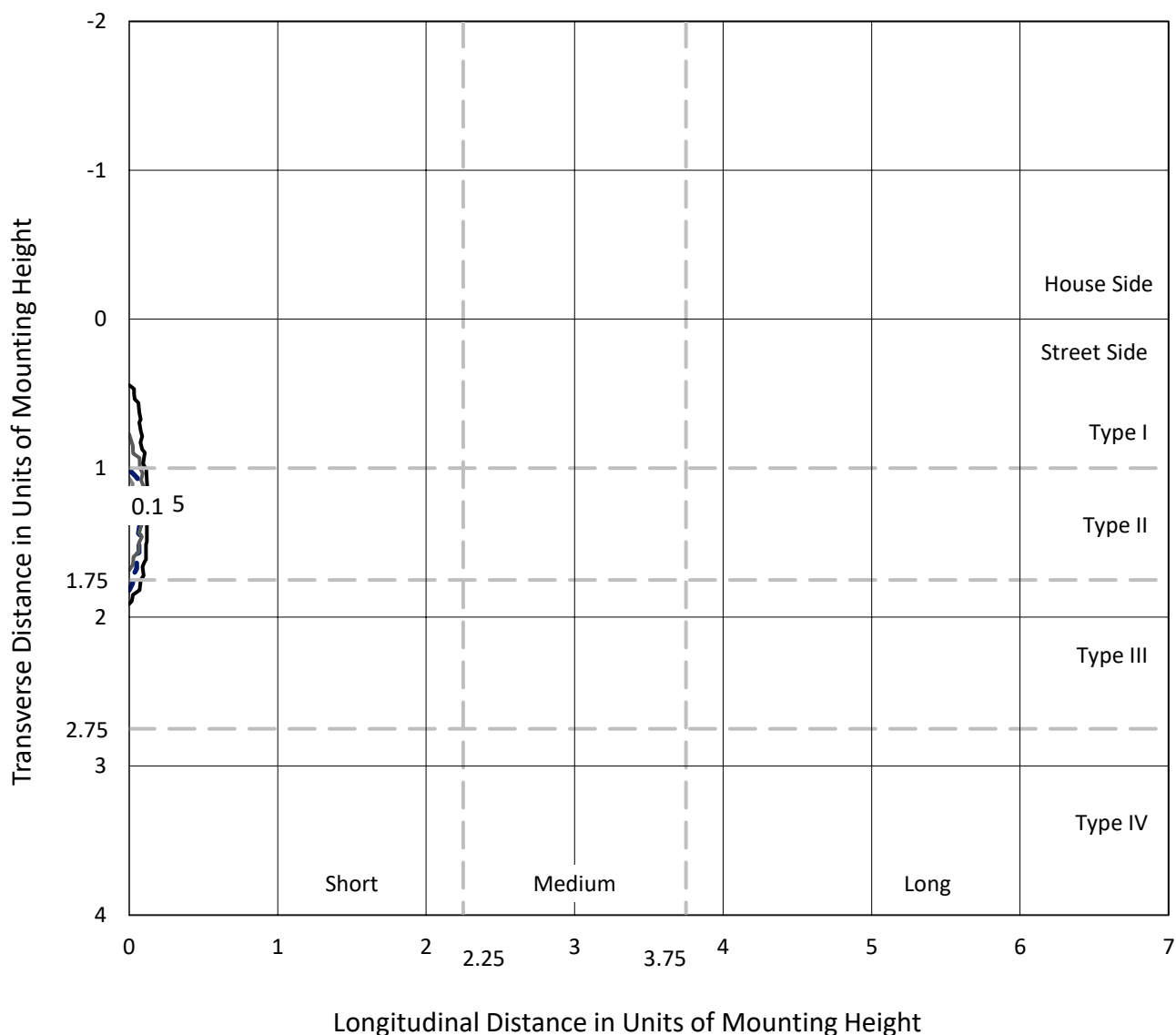
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

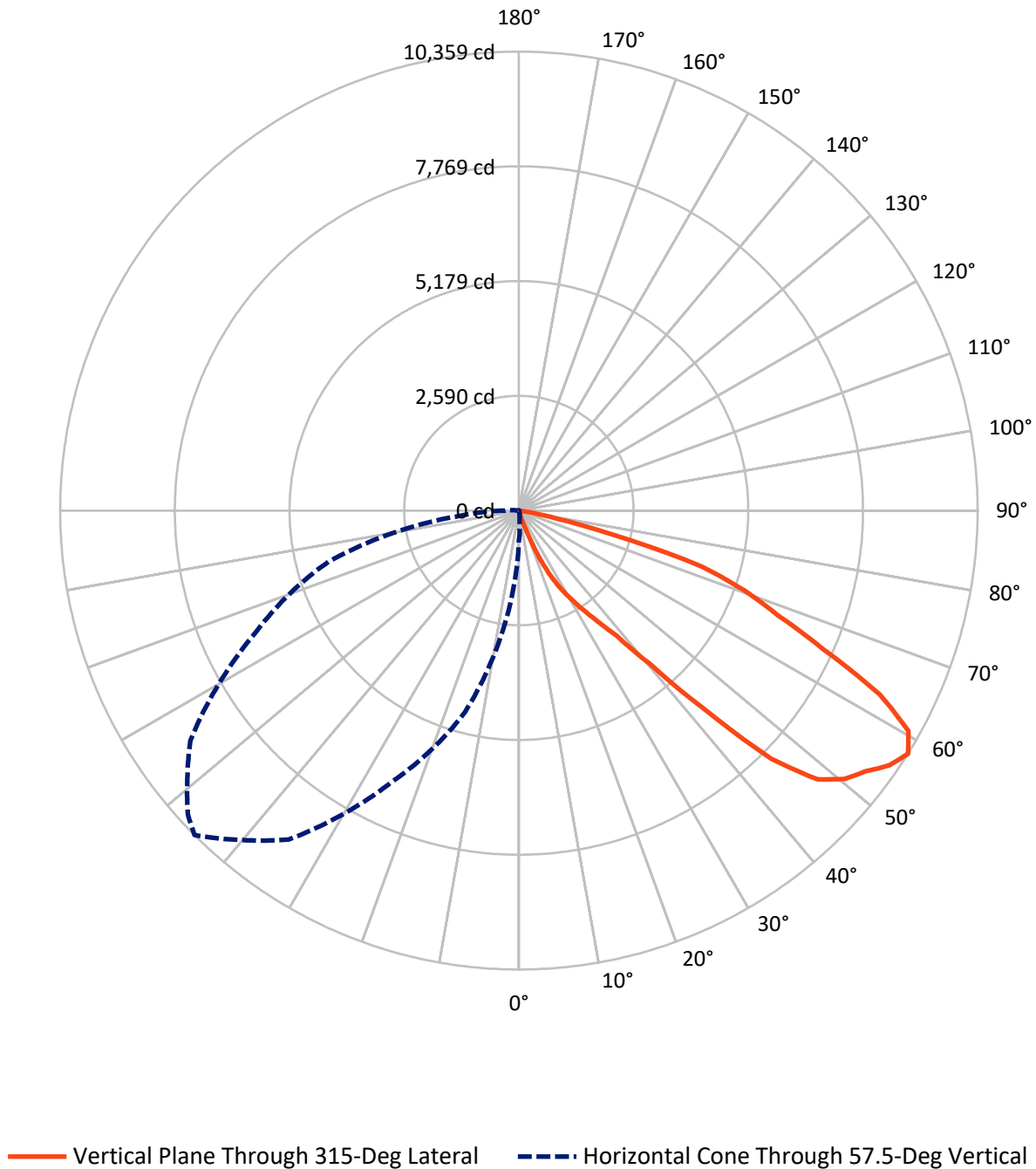


Based on 20 foot mounting height. Maximum calculated value = 0.6 fc

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	20.2	0.0	20.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	4019.4	0.0	4019.4
	% Fixture	99.5	0.0	99.5
Total	Lumens	4039.6	0.0	4039.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.6	0.0
10°-20°	8.9	0.2
20°-30°	95.7	2.4
30°-40°	283.1	7.0
40°-50°	843.7	20.9
50°-60°	1337.8	33.1
60°-70°	1116.8	27.6
70°-80°	344.4	8.5
80°-90°	7.7	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°	4039.6	100.0
0°-180°	4039.6	100.0



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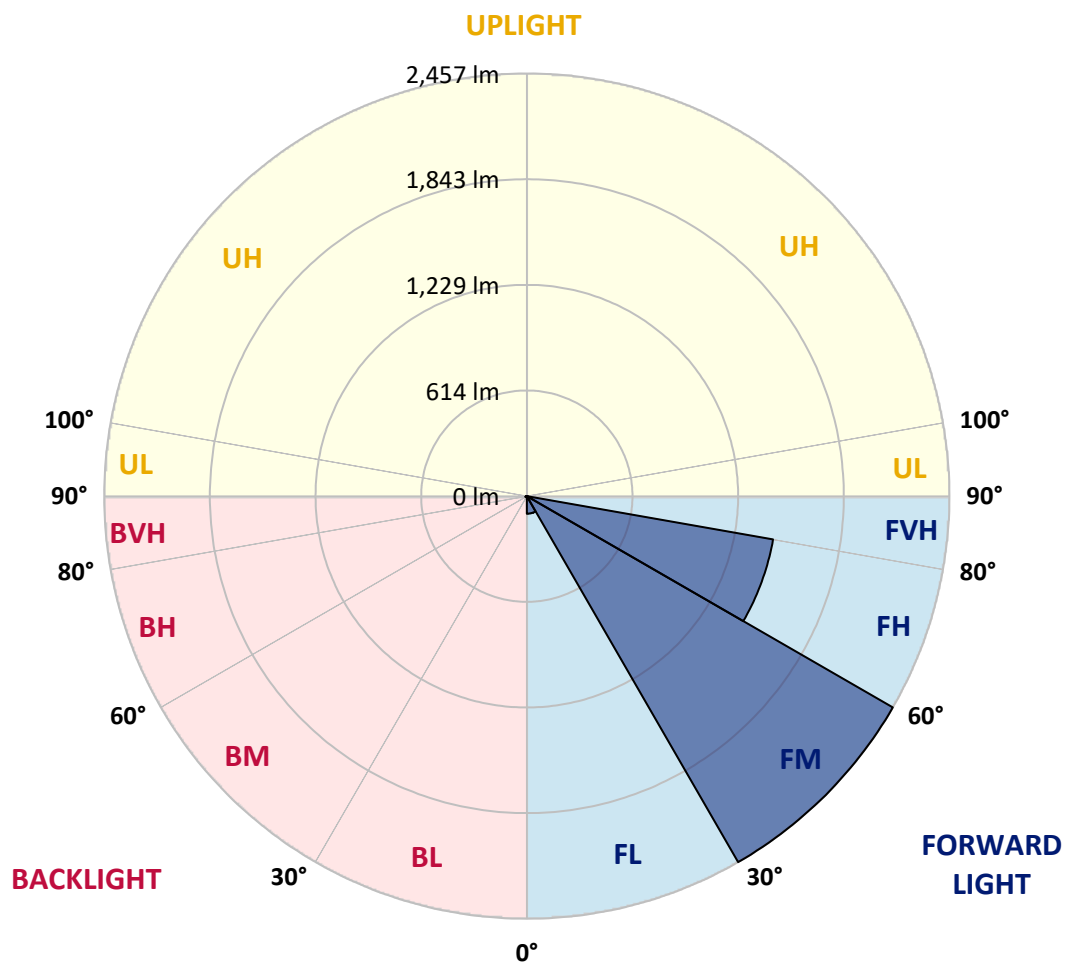
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	102.5	2.5			
FM	(30°-60°)	2457.4	60.8			
FH	(60°-80°)	1453.6	36.0			G1/1800
FVH	(80°-90°)	5.9	0.1			G0/10
BL	(0°-30°)	3.7	0.1	B0/110		
BM	(30°-60°)	7.2	0.2	B0/220		
BH	(60°-80°)	7.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.7	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-G1

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°	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
2.5°	16.2	16.2	16.2	16.2	15.9	15.9	15.6	15.6	15.3	15.3
5°	17.1	17.1	16.8	16.5	16.5	16.2	15.9	15.6	15.6	15.3
7.5°	18.6	18.3	18.0	17.7	17.1	16.8	16.2	15.9	15.6	15.0
10°	20.5	19.8	19.2	18.6	18.0	17.4	16.8	16.5	15.9	15.6
12.5°	22.9	22.0	20.8	19.8	19.2	18.3	17.7	17.1	16.2	15.6
15°	25.0	23.8	22.3	21.1	20.1	18.9	18.0	17.1	16.5	15.6
17.5°	28.1	25.9	23.5	22.0	20.8	19.2	17.7	16.8	15.9	14.7
20°	33.3	29.0	24.4	22.6	20.8	18.9	17.1	15.9	15.0	13.7
22.5°	41.5	34.2	26.9	24.1	21.7	18.9	16.5	15.3	14.0	12.8
25°	57.4	44.3	31.1	27.5	23.8	20.1	16.5	15.0	13.7	12.2
27.5°	76.3	56.8	36.9	31.7	26.9	21.7	16.5	14.7	13.1	11.3
30°	95.6	69.6	43.3	36.6	29.9	23.2	16.5	14.3	12.5	10.4
32.5°	113.9	81.5	48.8	40.9	33.0	24.7	16.8	14.3	11.9	9.5
35°	132.5	91.3	49.8	41.5	33.3	24.7	16.5	13.7	11.3	8.5
37.5°	156.3	102.3	47.9	39.7	31.7	23.5	15.6	13.1	10.7	7.9
40°	192.3	120.6	48.8	40.3	31.7	23.2	14.7	12.2	10.1	7.6
42.5°	258.9	156.0	52.8	43.0	33.3	23.2	13.4	11.3	9.5	7.3
45°	447.5	259.2	70.8	56.2	41.5	26.9	12.2	10.4	8.9	7.0
47.5°	740.3	433.8	127.3	98.3	69.6	40.6	11.9	10.4	8.9	7.0
50°	944.8	552.5	160.3	123.3	86.4	49.5	12.5	10.7	9.2	7.3
52.5°	943.3	561.1	178.6	137.1	95.9	54.3	13.1	11.3	9.8	7.9
55°	838.6	510.4	181.9	139.8	98.0	55.9	14.0	12.2	10.4	8.5
57.5°	700.9	433.5	166.1	128.5	91.3	53.7	16.2	14.0	12.2	10.1
60°	554.4	341.9	129.4	102.3	75.4	48.2	21.4	18.6	16.2	13.4
62.5°	382.8	247.9	113.0	90.7	68.7	46.4	24.4	21.7	19.2	16.5
65°	270.8	186.5	102.0	83.0	64.4	45.5	26.6	23.5	20.8	17.7
67.5°	202.4	148.4	94.0	77.8	61.7	45.5	29.3	25.6	22.3	18.6
70°	155.1	121.8	88.2	75.1	62.3	49.1	36.0	30.8	25.9	20.8
72.5°	126.4	104.1	81.5	72.0	62.6	53.1	43.7	36.9	30.2	23.2
75°	104.7	89.1	73.6	65.6	58.0	50.1	42.1	36.0	30.2	24.1
77.5°	69.6	63.5	57.1	52.5	47.9	43.0	38.5	33.3	28.4	23.2
80°	24.4	23.5	22.6	24.4	26.3	28.1	29.9	26.3	22.9	19.2
82.5°	3.7	3.4	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.2
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°	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
0.0	2.5°	15.0	15.0	14.7	14.7	14.7	14.3	14.3	14.0	14.0	14.0
0.0	5°	14.7	14.7	14.3	14.0	13.7	13.7	13.4	13.1	13.1	12.8
0.0	7.5°	14.3	14.0	13.7	13.4	13.1	12.8	12.5	12.2	12.2	11.9
0.0	10°	14.7	14.0	13.7	13.1	12.8	12.5	11.9	11.6	11.3	11.3
0.0	12.5°	14.0	13.7	13.1	12.5	12.2	11.6	11.3	10.7	10.4	10.4
0.0	15°	14.0	13.4	12.5	11.9	11.3	11.0	10.4	9.8	9.5	9.2
0.0	17.5°	13.1	12.5	11.6	11.0	10.4	9.8	9.2	8.5	8.2	7.9
0.0	20°	11.9	11.3	10.4	9.5	8.9	8.2	7.6	7.0	6.7	6.4
0.0	22.5°	10.7	10.1	9.2	8.2	7.6	7.0	6.1	5.5	5.2	4.6
0.0	25°	10.1	9.2	8.2	7.3	6.4	5.8	4.9	4.0	3.4	2.7
0.0	27.5°	8.5	7.6	6.7	5.8	4.9	4.0	3.1	2.1	1.5	1.2
0.0	30°	7.3	6.4	5.5	4.6	3.4	2.4	1.5	0.3	0.3	0.3
0.0	32.5°	6.1	5.2	4.0	3.1	2.4	1.5	0.9	0.0	0.0	0.0
0.0	35°	4.9	4.0	2.7	1.8	1.5	0.9	0.6	0.0	0.0	0.0
0.0	37.5°	4.3	3.4	2.1	0.9	0.6	0.6	0.3	0.0	0.0	0.0
0.0	40°	4.0	2.7	1.5	0.3	0.3	0.3	0.0	0.0	0.0	0.0
0.0	42.5°	4.0	2.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	4.0	2.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	4.0	2.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	4.3	3.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	4.9	3.7	2.4	1.2	0.9	0.6	0.3	0.0	0.0	0.0
0.0	55°	6.1	5.5	4.6	4.0	3.1	2.1	0.9	0.0	0.0	0.0
0.0	57.5°	7.9	7.9	7.6	7.3	5.5	3.7	1.8	0.0	0.0	0.0
0.0	60°	10.7	10.7	10.7	10.7	7.9	5.5	2.7	0.0	0.0	0.0
0.0	62.5°	13.1	12.5	11.6	11.0	8.2	5.5	2.7	0.0	0.0	0.0
0.0	65°	13.1	11.9	10.4	8.9	6.7	4.6	2.1	0.0	0.0	0.0
0.0	67.5°	12.2	9.8	7.0	4.6	3.4	2.4	1.2	0.0	0.0	0.0
	70°	12.2	8.5	4.9	1.2	0.9	0.6	0.3	0.0	0.0	0.0
	72.5°	12.2	8.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	13.4	9.2	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	13.4	9.2	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	11.9	7.9	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	4.0	2.7	1.2	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°	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
0.0	2.5°	13.7	13.7	13.7	13.4	13.4	13.4	13.4	13.1	13.1	13.1
0.0	5°	12.5	12.5	12.2	12.2	11.9	11.9	11.6	11.6	11.3	11.3
0.0	7.5°	11.6	11.3	11.3	11.0	10.7	10.7	10.4	10.4	10.1	9.8
0.0	10°	10.7	10.4	10.4	10.1	9.8	9.5	9.5	9.2	8.9	8.5
0.0	12.5°	9.8	9.5	9.2	8.9	8.5	8.2	8.2	7.9	7.6	7.3
0.0	15°	8.5	8.2	7.9	7.6	7.3	7.0	7.0	6.7	6.4	6.1
0.0	17.5°	7.3	7.0	7.0	6.7	6.4	6.1	5.8	5.2	4.9	4.6
0.0	20°	5.5	5.2	4.9	4.6	4.3	3.7	3.4	2.7	2.1	1.8
0.0	22.5°	3.7	3.1	2.7	2.1	1.5	1.2	0.9	0.3	0.0	0.0
0.0	25°	1.2	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA1B-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048958

CATALOG NUMBER: GALN-SA1B-730-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
0.0	2.5°	12.8	12.8	12.8	12.5	12.5	12.5	12.5	12.5	12.5	12.5
0.0	5°	11.0	11.0	11.0	10.7	10.7	10.4	10.4	10.4	10.1	10.1
0.0	7.5°	9.5	9.2	9.2	8.9	8.9	8.5	8.5	8.5	8.2	8.2
0.0	10°	7.9	7.6	7.6	7.3	7.3	7.0	7.0	6.7	6.7	6.4
0.0	12.5°	7.0	6.7	6.4	6.1	6.1	5.8	5.5	5.5	5.2	4.9
0.0	15°	5.5	5.2	4.9	4.6	4.3	4.0	3.7	3.7	3.4	3.1
0.0	17.5°	3.7	3.1	2.7	2.4	2.4	2.1	1.8	1.5	1.2	0.9
0.0	20°	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA1B-730-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1048958

CATALOG NUMBER: GALN-SA1B-730-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°	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
0.0	2.5°	12.5	12.2	12.2	12.2	12.5	12.5	12.5	12.5	12.5	12.5
0.0	5°	10.1	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
0.0	7.5°	8.2	7.9	7.9	7.9	7.9	7.6	7.6	7.6	7.6	7.6
0.0	10°	6.4	6.1	6.1	6.1	6.1	5.8	5.8	5.8	5.8	5.8
0.0	12.5°	4.6	4.6	4.3	4.3	4.3	4.0	4.0	4.0	4.0	3.7
0.0	15°	2.7	2.4	2.1	2.1	2.1	1.8	1.8	1.8	1.8	1.5
0.0	17.5°	0.6	0.6	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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):

[illegible]

REPORT NUMBER: P1048958

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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°	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
0.0	2.5°	12.8	12.8	13.1	13.1	13.4	14.0	14.3	14.7	15.3	15.9
0.0	5°	10.1	10.4	10.4	10.7	11.0	11.3	11.6	11.9	12.5	13.1
0.0	7.5°	7.9	7.9	8.2	8.2	8.5	9.2	9.5	9.8	10.4	11.3
0.0	10°	6.1	6.1	6.4	6.4	6.7	7.3	7.6	7.9	8.5	9.5
0.0	12.5°	4.0	4.3	4.3	4.6	4.9	5.5	5.8	6.1	6.7	7.3
0.0	15°	1.8	2.1	2.1	2.4	2.7	3.4	3.7	4.0	4.6	5.5
0.0	17.5°	0.3	0.3	0.6	0.6	0.9	1.2	1.5	1.8	2.7	3.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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°	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
0.0	2.5°	16.8	17.4	18.0	18.6	19.2	19.8	20.1	20.8	21.1	21.4
0.0	5°	14.3	15.0	15.9	16.5	17.1	17.7	18.3	18.6	18.9	19.2
0.0	7.5°	12.5	13.1	14.0	14.7	15.3	15.9	16.5	17.1	17.4	17.7
0.0	10°	10.7	11.6	12.2	13.1	13.7	14.3	15.0	15.6	16.2	16.5
0.0	12.5°	8.5	9.5	10.4	11.0	11.9	12.8	13.4	14.0	14.7	15.3
0.0	15°	6.7	7.6	8.5	9.2	10.1	11.0	11.9	12.5	13.1	13.7
0.0	17.5°	4.9	5.8	6.7	7.3	8.2	9.2	9.8	10.7	11.3	11.9
0.0	20°	2.4	3.4	4.3	5.2	6.1	7.0	7.6	8.5	9.2	9.8
0.0	22.5°	0.3	1.2	2.1	2.7	3.7	4.6	5.2	6.1	6.7	7.3
0.0	25°	0.0	0.3	0.9	1.2	1.5	2.1	2.7	3.4	4.0	4.6
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.6	1.2	1.8	2.4
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6
	85°	0.0	0.0	0.0	0.0	0.0	0.6	0.9	1.5	1.8	2.1
	87.5°	0.0	0.3	0.6	0.9	1.2	1.8	2.4	3.1	3.4	3.7
	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: P1048958

CATALOG NUMBER: GALN-SA1B-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
17.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	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
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0.0											
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REPORT NUMBER: P1048958

CATALOG NUMBER: GALN-SA1B-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
0.0	2.5°	21.7	21.7	21.7	21.7	21.4	21.4	21.4	21.1	21.1	20.8
0.0	5°	19.8	20.1	20.1	20.1	20.1	20.1	20.1	20.1	19.8	19.8
0.0	7.5°	18.3	18.6	18.9	18.9	19.2	19.2	19.2	18.9	18.9	18.6
0.0	10°	17.4	17.7	17.7	18.0	18.0	18.0	18.0	18.0	18.0	18.0
0.0	12.5°	16.2	16.5	16.8	16.8	17.1	17.1	17.1	17.1	16.8	16.8
0.0	15°	14.7	15.3	15.6	15.9	15.9	16.2	16.2	16.2	16.2	16.2
0.0	17.5°	13.4	14.0	14.3	14.7	14.7	15.0	15.0	15.3	15.3	15.3
0.0	20°	11.0	11.6	11.9	12.5	12.8	13.1	13.4	13.7	13.7	14.0
0.0	22.5°	8.5	9.2	9.5	10.1	10.4	10.7	11.0	11.3	11.6	11.9
0.0	25°	6.1	6.7	7.0	7.6	7.9	8.2	8.5	8.9	8.9	9.2
0.0	27.5°	3.4	4.0	4.6	4.9	5.5	5.8	6.1	6.4	6.7	7.0
0.0	30°	1.5	1.8	2.1	2.7	3.1	3.4	3.7	4.3	4.6	4.9
0.0	32.5°	0.0	0.0	0.3	0.9	1.2	1.5	1.8	2.1	2.1	2.4
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.2
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°	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9
	82.5°	1.5	1.8	2.1	2.1	2.4	2.4	2.4	2.4	2.1	2.1
	85°	3.1	3.4	3.7	3.7	4.0	4.0	4.0	4.0	4.0	4.0
	87.5°	4.3	4.6	4.9	4.9	5.2	5.2	5.2	5.2	5.2	5.2
	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: P1048958

CATALOG NUMBER: GALN-SA1B-730-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
17.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
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REPORT NUMBER: P1048958

CATALOG NUMBER: GALN-SA1B-730-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°	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
0.0	2.5°	20.5	20.5	20.1	20.1	20.1	20.1	20.1	20.5	20.8	20.8
0.0	5°	19.5	19.5	19.2	19.2	19.2	19.5	19.5	19.8	20.1	20.5
0.0	7.5°	18.6	18.3	18.3	18.6	18.6	18.9	18.9	19.2	19.5	19.8
0.0	10°	18.0	17.7	17.7	17.7	18.0	18.0	18.3	18.6	18.9	19.2
0.0	12.5°	16.8	16.8	16.8	16.8	17.1	17.1	17.4	17.7	18.3	18.6
0.0	15°	16.2	15.9	15.9	15.9	15.9	16.2	16.2	16.8	17.4	17.7
0.0	17.5°	15.0	15.0	14.7	14.7	15.0	15.0	15.3	15.9	16.5	16.8
0.0	20°	13.7	13.4	13.1	13.1	13.4	13.4	13.7	14.3	15.0	15.3
0.0	22.5°	11.9	11.6	11.6	11.6	11.6	11.9	11.9	12.5	13.4	14.0
0.0	25°	9.5	9.8	9.8	10.1	10.1	10.4	10.7	11.3	12.2	12.8
0.0	27.5°	7.3	7.6	7.6	8.2	8.5	8.9	9.2	10.1	11.0	11.6
0.0	30°	5.5	5.8	6.1	6.4	7.0	7.6	8.2	9.2	10.1	10.7
0.0	32.5°	3.4	4.0	4.3	4.9	5.5	6.1	6.7	7.6	8.9	9.8
0.0	35°	2.4	2.7	3.4	3.7	4.3	4.9	5.5	6.7	7.6	8.9
0.0	37.5°	1.2	1.8	2.4	3.1	3.7	4.3	4.9	6.1	7.3	8.2
0.0	40°	0.9	1.5	1.8	2.4	3.4	4.0	4.6	5.8	7.0	8.2
0.0	42.5°	0.6	0.9	1.2	2.1	2.7	3.7	4.6	5.8	7.0	8.2
0.0	45°	0.6	0.6	0.9	1.8	2.7	4.0	4.9	6.1	7.0	8.2
0.0	47.5°	0.6	0.9	1.2	2.4	3.1	4.0	4.9	5.8	7.0	7.9
0.0	50°	0.9	1.2	1.5	2.7	3.4	4.3	4.9	6.1	7.0	8.2
0.0	52.5°	0.6	0.9	1.2	2.4	3.4	4.6	5.5	6.7	7.9	8.9
0.0	55°	0.3	0.3	0.3	1.8	3.7	5.2	7.0	7.9	9.2	10.1
0.0	57.5°	0.0	0.0	0.0	1.2	3.7	5.8	7.9	9.2	10.4	11.3
0.0	60°	0.0	0.0	0.0	1.2	3.7	5.8	7.9	9.5	11.0	12.5
0.0	62.5°	0.0	0.0	0.0	1.2	3.1	4.9	6.7	9.2	11.9	14.3
0.0	65°	0.0	0.0	0.0	0.9	2.4	4.0	5.5	9.2	12.8	16.2
0.0	67.5°	0.0	0.0	0.0	0.9	2.4	3.7	5.2	9.2	12.8	16.8
	70°	0.0	0.0	0.0	0.9	2.4	4.0	5.5	9.2	12.8	16.5
	72.5°	0.0	0.0	0.0	0.9	2.7	4.3	6.1	9.2	12.2	15.3
	75°	0.0	0.0	0.0	1.2	2.7	4.6	6.4	9.2	11.9	14.3
	77.5°	0.0	0.0	0.0	0.9	2.7	4.3	6.1	8.9	11.6	14.0
	80°	0.9	0.6	0.6	1.5	2.7	4.0	5.2	7.9	11.0	13.7
	82.5°	1.8	1.8	1.5	2.1	2.7	3.7	4.6	7.0	9.8	12.2
	85°	3.7	3.7	3.4	3.7	3.7	4.0	4.3	5.5	6.7	7.9
	87.5°	4.9	4.9	4.6	4.6	4.6	4.3	4.3	4.3	4.3	4.0
	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):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
17.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.1											
18.3											
17.1											
16.8											
16.5											
14.7											
9.2											
4.0											
0.0											
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CATALOG NUMBER: GALN-SA1B-730-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
0.0	2.5°	21.4	21.7	21.7	22.0	22.3	22.6	22.6	22.9	22.9	22.9
0.0	5°	21.1	21.7	22.0	22.3	22.6	22.9	23.2	23.5	23.8	23.8
0.0	7.5°	20.8	21.1	21.7	22.0	22.6	22.9	23.5	23.8	24.1	24.4
0.0	10°	20.1	20.8	21.4	22.0	22.6	23.2	23.8	24.4	25.0	25.3
0.0	12.5°	19.5	20.5	21.1	21.7	22.6	23.5	24.1	25.0	25.6	26.3
0.0	15°	19.2	19.8	20.8	21.4	22.6	23.8	24.7	25.9	27.2	28.1
0.0	17.5°	18.3	19.5	20.5	21.4	22.6	24.1	25.3	26.6	28.4	30.2
0.0	20°	17.1	18.0	19.2	20.1	22.0	23.5	25.3	26.9	29.6	32.4
0.0	22.5°	15.9	17.1	18.0	19.2	21.4	23.2	25.3	27.2	31.7	36.0
0.0	25°	14.7	16.2	17.4	18.6	21.1	23.5	25.9	28.4	36.0	43.7
0.0	27.5°	14.0	15.3	16.8	18.0	21.1	24.4	27.5	30.5	42.7	54.6
0.0	30°	13.1	14.7	15.9	17.4	21.4	25.3	29.3	33.3	51.9	70.5
0.0	32.5°	12.2	13.7	15.3	16.8	22.0	27.2	32.1	37.2	61.7	85.8
0.0	35°	11.3	13.1	14.7	16.2	22.9	29.9	36.6	43.3	70.5	97.4
0.0	37.5°	11.0	12.8	14.3	15.9	23.2	30.2	37.5	44.6	71.4	98.3
0.0	40°	11.3	12.8	14.7	16.2	22.3	28.4	34.2	40.3	68.4	96.2
0.0	42.5°	11.3	13.1	15.0	16.8	21.7	26.6	31.4	36.3	67.5	98.6
0.0	45°	11.0	12.8	14.7	16.5	21.1	25.3	29.9	34.2	73.0	111.4
0.0	47.5°	10.7	12.5	14.3	16.2	20.8	25.3	29.9	34.5	94.3	153.9
0.0	50°	10.7	12.5	14.0	15.6	21.1	26.9	32.4	37.9	137.4	236.6
0.0	52.5°	11.3	12.8	14.0	15.3	21.7	28.4	34.8	41.2	174.6	307.7
0.0	55°	12.2	13.1	14.3	15.3	23.2	30.8	38.8	46.4	185.9	325.4
0.0	57.5°	13.4	14.3	15.3	16.2	25.9	35.7	45.2	54.9	186.8	318.4
0.0	60°	15.0	16.2	17.1	18.0	28.4	39.1	49.5	59.8	169.1	278.1
0.0	62.5°	18.3	19.8	21.1	22.6	32.7	42.4	52.5	62.3	140.4	218.6
0.0	65°	21.1	22.3	23.5	24.7	34.5	44.6	54.3	64.1	119.1	174.0
0.0	67.5°	21.7	22.9	23.8	25.0	35.1	45.2	54.9	65.0	102.0	138.6
	70°	22.0	23.5	25.3	26.9	37.2	47.6	57.7	68.1	90.4	112.6
	72.5°	21.1	24.1	26.9	29.6	39.4	48.8	58.6	68.1	83.9	99.8
	75°	21.1	25.3	29.3	33.3	40.6	47.6	54.9	62.0	74.2	86.4
	77.5°	22.3	27.8	33.3	38.8	43.0	47.0	51.3	55.3	63.2	71.1
	80°	22.3	28.1	33.6	39.4	41.2	43.3	45.2	47.0	47.9	48.8
	82.5°	19.2	23.8	28.4	33.0	30.8	28.7	26.6	24.4	22.9	21.1
	85°	9.8	10.7	11.3	11.9	11.0	10.1	9.2	8.2	7.6	6.7
	87.5°	4.0	4.0	3.7	3.7	3.7	3.7	3.4	3.4	3.4	3.4
	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

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CATALOG NUMBER: GALN-SA1B-730-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
17.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
189.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
204.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
235.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
296.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
451.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
692.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
871.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
891.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
804.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
687.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
537.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
406.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
299.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
212.2											
157.8											
114.8											
86.4											
48.5											
22.0											
6.4											
3.1											
0.0											
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REPORT NUMBER: P1048958

CATALOG NUMBER: GALN-SA1B-730-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°	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
0.0	2.5°	22.9	22.6	22.6	22.3	22.0	21.7	21.4	21.1	20.8	20.5
0.0	5°	23.8	23.8	23.8	23.5	23.5	23.2	23.2	22.9	22.6	22.3
0.0	7.5°	24.7	25.0	25.0	25.3	25.3	25.3	25.3	25.0	25.0	25.0
0.0	10°	26.3	26.6	26.9	27.2	27.5	27.8	27.8	28.1	28.1	28.1
0.0	12.5°	28.1	29.0	29.6	30.5	31.1	32.1	32.7	33.6	34.2	34.8
0.0	15°	30.8	32.4	34.2	35.7	37.2	39.4	41.8	44.0	46.1	49.5
0.0	17.5°	34.8	39.7	44.6	49.1	54.0	64.7	75.4	85.8	96.5	112.0
0.0	20°	42.4	57.1	71.4	86.1	100.4	138.0	175.2	212.8	250.0	290.0
0.0	22.5°	59.5	95.6	131.6	167.6	203.6	282.1	360.2	438.7	516.8	608.7
0.0	25°	86.4	152.6	218.9	284.8	351.1	473.8	596.8	719.5	842.2	961.6
0.0	27.5°	125.8	227.1	328.5	429.5	530.9	697.2	863.9	1030.3	1196.7	1331.6
0.0	30°	174.3	311.7	449.1	586.4	723.8	913.1	1102.3	1291.3	1480.6	1628.0
0.0	32.5°	220.1	388.3	556.5	724.4	892.6	1108.1	1324.0	1539.5	1755.0	1916.2
0.0	35°	250.0	453.3	656.9	860.3	1063.6	1296.8	1530.0	1762.9	1996.2	2180.3
0.0	37.5°	279.9	514.7	749.1	983.9	1218.3	1474.5	1730.6	1986.7	2242.8	2470.3
0.0	40°	313.5	588.9	863.9	1139.3	1414.3	1717.8	2020.9	2324.3	2627.5	2948.3
0.0	42.5°	371.8	711.9	1052.3	1392.3	1732.4	2133.9	2535.3	2936.4	3337.8	3795.8
0.0	45°	481.4	960.7	1440.3	1919.6	2398.8	2930.6	3462.7	3994.5	4526.3	5135.6
0.0	47.5°	749.7	1409.1	2068.2	2727.6	3386.7	3960.9	4534.8	5109.0	5682.9	6289.8
0.0	50°	1147.2	1914.7	2682.1	3449.3	4216.7	4736.3	5255.6	5775.1	6294.4	6871.7
0.0	52.5°	1434.8	2234.3	3034.1	3833.6	4633.1	5102.0	5571.2	6040.1	6509.0	7048.4
0.0	55°	1456.5	2251.4	3046.6	3841.5	4636.5	5107.5	5578.5	6049.6	6520.6	7092.4
0.0	57.5°	1289.5	2078.0	2866.2	3654.7	4442.9	4979.3	5515.3	6051.7	6587.8	7205.9
0.0	60°	1096.8	1885.7	2674.2	3463.0	4251.5	4869.4	5487.6	6105.4	6723.3	7302.4
0.0	62.5°	855.7	1667.1	2478.8	3290.2	4101.6	4729.0	5356.3	5983.3	6610.7	7045.1
0.0	65°	637.7	1425.6	2213.5	3001.1	3789.0	4291.5	4794.0	5296.2	5798.6	6067.6
0.0	67.5°	461.0	1140.5	1819.7	2499.3	3178.5	3538.1	3897.7	4257.0	4616.6	4822.4
	70°	311.7	782.4	1252.8	1723.6	2194.0	2489.5	2785.3	3080.8	3376.3	3654.1
	72.5°	215.8	480.2	744.9	1009.2	1273.6	1570.9	1868.0	2165.3	2462.3	2756.3
	75°	143.2	263.4	384.0	504.3	624.6	844.7	1065.1	1285.2	1505.3	1680.5
	77.5°	101.7	137.7	174.0	210.0	246.0	287.3	328.8	370.0	411.2	473.8
	80°	48.2	52.8	57.4	61.7	66.2	81.2	96.2	111.1	126.1	142.0
	82.5°	22.9	24.7	26.6	28.1	29.9	31.4	33.0	34.5	36.0	34.5
	85°	6.1	6.1	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.1
	87.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.4	2.4	2.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
17.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
330.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1081.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1466.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1775.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2077.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2364.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2698.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3269.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4253.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5744.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6896.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7448.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7587.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7664.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7824.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7881.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7479.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6336.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5028.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3931.6											
3050.3											
1855.7											
536.4											
157.8											
32.7											
5.8											
2.1											
0.0											
0.0											
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°	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
0.0	2.5°	19.8	19.5	19.2	18.9	18.6	18.0	18.0	17.7	17.7
0.0	5°	21.7	21.4	21.1	20.8	20.8	20.5	20.1	20.1	19.8
0.0	7.5°	24.7	24.4	24.1	23.8	23.8	23.5	23.5	23.2	23.2
0.0	10°	28.4	28.4	28.4	28.4	28.4	28.1	28.1	28.1	27.8
0.0	12.5°	35.7	36.0	36.6	37.2	38.2	38.2	38.2	37.9	37.9
0.0	15°	56.5	59.8	62.3	64.7	66.9	71.7	71.1	70.2	69.6
0.0	17.5°	142.9	158.1	166.4	174.3	182.6	205.1	201.5	197.8	194.5
0.0	20°	370.3	410.3	436.8	463.4	490.3	532.7	522.3	511.9	501.6
0.0	22.5°	792.2	884.1	924.1	964.0	1003.7	1055.0	1021.7	988.5	955.5
0.0	25°	1200.0	1319.4	1386.9	1454.3	1521.5	1550.8	1507.4	1463.8	1420.4
0.0	27.5°	1601.5	1736.4	1795.9	1855.1	1914.7	1976.0	1922.3	1868.3	1814.5
0.0	30°	1923.2	2070.7	2135.1	2199.2	2263.6	2306.3	2250.8	2194.9	2139.3
0.0	32.5°	2238.9	2400.0	2470.6	2541.1	2611.3	2672.7	2604.3	2535.6	2467.2
0.0	35°	2548.1	2732.2	2829.3	2926.3	3023.4	3080.5	2999.3	2917.8	2836.6
0.0	37.5°	2925.4	3152.8	3261.5	3370.2	3478.9	3583.0	3493.5	3403.8	3314.3
0.0	40°	3590.0	3910.8	4077.5	4244.5	4411.2	4545.5	4432.5	4319.6	4206.6
0.0	42.5°	4711.6	5169.5	5409.1	5648.4	5888.1	6097.8	5979.1	5860.3	5741.6
0.0	45°	6354.2	6963.6	7255.7	7547.5	7839.7	7992.9	7822.0	7650.7	7479.8
0.0	47.5°	7503.3	8110.2	8370.3	8630.3	8890.4	9065.4	8856.2	8647.1	8438.3
0.0	50°	8025.9	8603.2	8864.2	9124.9	9385.9	9524.8	9283.3	9041.5	8800.1
0.0	52.5°	8127.0	8666.4	8977.7	9289.4	9600.8	9786.4	9501.3	9215.9	8930.7
0.0	55°	8236.2	8808.0	9169.1	9530.6	9891.7	10148.8	9826.4	9503.7	9181.4
0.0	57.5°	8442.0	9060.2	9420.4	9780.3	10140.5	10358.8	10035.5	9711.9	9388.6
0.0	60°	8460.3	9039.1	9348.6	9658.5	9968.0	10105.4	9796.2	9486.6	9177.4
0.0	62.5°	7914.2	8348.6	8563.5	8778.4	8993.3	9142.6	8819.9	8496.9	8174.3
0.0	65°	6605.8	6874.7	7046.0	7217.2	7388.5	7566.5	7271.0	6975.5	6680.0
0.0	67.5°	5234.2	5439.9	5665.5	5891.1	6116.7	6306.9	6070.3	5833.4	5596.9
	70°	4209.4	4486.9	4740.6	4994.2	5247.9	5403.6	5166.1	4928.3	4690.8
	72.5°	3344.3	3638.2	3850.1	4061.6	4273.5	4311.7	4137.0	3962.4	3788.1
	75°	2030.7	2205.9	2210.2	2214.1	2218.4	2254.7	2110.0	1965.3	1820.9
	77.5°	598.9	661.5	713.1	764.4	816.0	878.3	825.2	771.7	718.6
	80°	173.4	189.3	202.7	215.8	229.3	221.3	208.8	196.3	183.8
	82.5°	31.1	29.3	29.0	28.7	28.7	27.2	24.7	22.3	19.8
	85°	5.5	5.2	4.9	4.6	4.3	4.0	3.4	3.1	2.4
	87.5°	1.8	1.5	1.2	0.9	0.9	0.3	0.3	0.3	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
0.0	0.0	2.5°	17.4	17.1	17.1	17.1	17.1	16.8	16.8	16.8	16.8
0.0	0.0	5°	19.2	19.2	18.9	18.9	18.6	18.6	18.3	18.3	18.0
0.0	0.0	7.5°	22.6	22.3	22.0	21.7	21.4	20.8	20.5	20.1	20.1
0.0	0.0	10°	27.2	26.6	26.3	25.6	25.3	24.7	24.1	23.5	22.9
0.0	0.0	12.5°	35.7	34.5	33.6	32.4	31.1	30.2	29.0	28.1	26.9
0.0	0.0	15°	62.0	58.9	55.6	51.6	47.3	43.3	39.1	36.6	33.9
0.0	0.0	17.5°	158.4	142.6	126.4	113.3	100.1	87.3	74.2	64.7	55.3
0.0	0.0	20°	403.3	359.3	315.3	272.0	228.3	185.0	141.3	119.4	97.4
0.0	0.0	22.5°	758.9	677.4	595.6	516.5	437.1	358.1	279.0	229.3	179.8
0.0	0.0	25°	1171.3	1068.8	966.2	836.1	705.8	575.7	445.7	364.8	283.9
0.0	0.0	27.5°	1524.2	1406.1	1287.9	1129.8	971.7	813.5	655.4	534.8	414.6
0.0	0.0	30°	1829.8	1702.8	1575.8	1391.7	1207.7	1023.6	839.5	688.7	537.9
0.0	0.0	32.5°	2094.8	1942.8	1790.7	1600.8	1411.0	1221.1	1031.2	846.2	661.2
0.0	0.0	35°	2400.4	2223.0	2045.3	1834.7	1623.7	1413.1	1202.5	993.7	784.5
0.0	0.0	37.5°	2788.7	2571.0	2353.0	2118.3	1883.5	1649.1	1414.3	1175.6	936.9
0.0	0.0	40°	3532.0	3251.1	2970.3	2672.0	2373.5	2075.2	1777.0	1483.9	1190.9
0.0	0.0	42.5°	4863.9	4484.4	4105.0	3708.1	3311.0	2914.1	2517.0	2103.6	1690.0
0.0	0.0	45°	6367.1	5896.3	5425.3	4979.9	4534.2	4088.8	3643.4	3076.2	2509.0
0.0	0.0	47.5°	7212.4	6704.1	6195.8	5774.2	5352.6	4931.1	4509.5	3898.0	3286.6
0.0	0.0	50°	7523.4	7006.0	6488.6	6100.6	5712.2	5324.2	4935.9	4323.6	3710.9
0.0	0.0	52.5°	7589.7	7061.9	6534.0	6143.6	5753.2	5363.0	4972.6	4364.2	3755.8
0.0	0.0	55°	7725.8	7159.5	6593.0	6147.9	5702.8	5257.7	4812.6	4194.4	3576.3
0.0	0.0	57.5°	7903.8	7323.2	6742.5	6235.5	5728.4	5221.7	4714.6	4038.7	3362.9
0.0	0.0	60°	7857.1	7351.9	6846.3	6303.3	5759.9	5216.8	4673.4	3930.1	3186.4
0.0	0.0	62.5°	7046.3	6643.9	6241.3	5794.7	5347.8	4901.1	4454.5	3689.2	2923.9
0.0	0.0	65°	5796.8	5503.1	5209.5	4850.2	4490.6	4131.2	3771.9	3085.7	2399.7
0.0	0.0	67.5°	4698.1	4367.2	4036.0	3749.7	3463.0	3176.7	2890.0	2350.0	1810.0
		70°	3732.6	3372.6	3012.4	2732.8	2452.9	2173.2	1893.6	1534.6	1175.9
		72.5°	2964.2	2639.7	2315.2	2016.9	1718.4	1420.1	1121.6	909.4	697.2
		75°	1416.8	1287.0	1157.3	1001.3	845.3	689.3	533.3	440.8	348.6
		77.5°	525.1	455.2	384.9	321.5	258.0	194.8	131.3	120.3	109.3
		80°	135.8	118.4	100.7	88.2	75.4	62.9	50.4	45.5	40.9
		82.5°	15.6	14.3	13.4	12.8	11.9	11.3	10.4	9.5	8.5
		85°	0.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	17.7	17.7
0.0	0.0	2.5°	16.5	16.2
0.0	0.0	5°	17.4	17.1
0.0	0.0	7.5°	19.2	18.6
0.0	0.0	10°	21.1	20.5
0.0	0.0	12.5°	23.8	22.9
0.0	0.0	15°	26.9	25.0
0.0	0.0	17.5°	32.1	28.1
0.0	0.0	20°	43.3	33.3
0.0	0.0	22.5°	61.1	41.5
0.0	0.0	25°	89.7	57.4
0.0	0.0	27.5°	124.9	76.3
0.0	0.0	30°	166.1	95.6
0.0	0.0	32.5°	202.4	113.9
0.0	0.0	35°	249.7	132.5
0.0	0.0	37.5°	308.0	156.3
0.0	0.0	40°	398.4	192.3
0.0	0.0	42.5°	561.1	258.9
0.0	0.0	45°	911.2	447.5
0.0	0.0	47.5°	1402.1	740.3
0.0	0.0	50°	1715.3	944.8
0.0	0.0	52.5°	1741.0	943.3
0.0	0.0	55°	1589.2	838.6
0.0	0.0	57.5°	1356.0	700.9
0.0	0.0	60°	1127.1	554.4
0.0	0.0	62.5°	888.0	382.8
0.0	0.0	65°	649.0	270.8
0.0	0.0	67.5°	466.2	202.4
		70°	306.5	155.1
		72.5°	199.6	126.4
		75°	134.3	104.7
		77.5°	78.5	69.6
		80°	27.8	24.4
		82.5°	5.2	3.7
		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: P1048958

CATALOG NUMBER: GALN-SA1B-730-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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

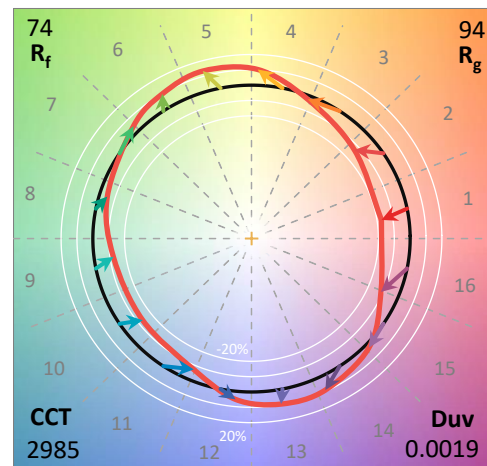
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

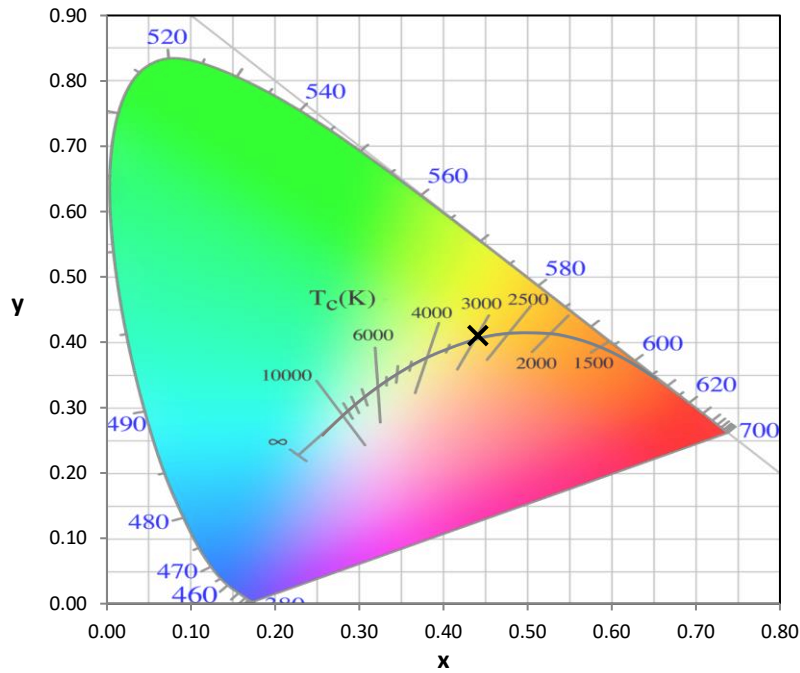
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

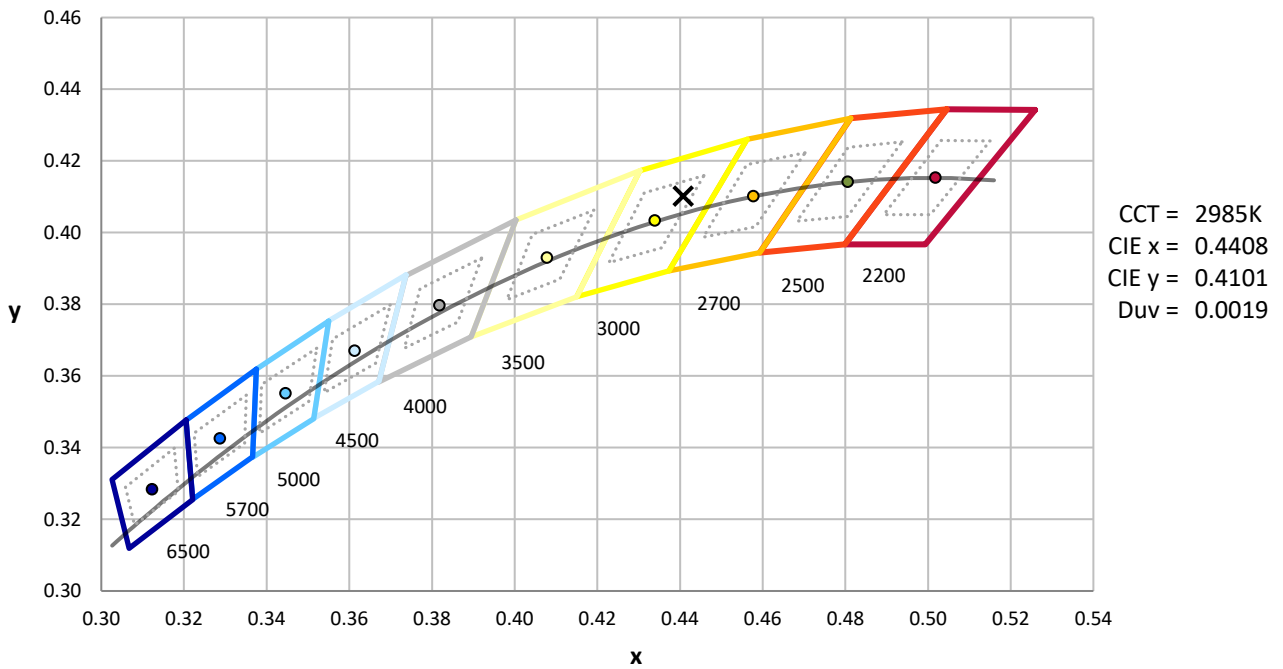
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



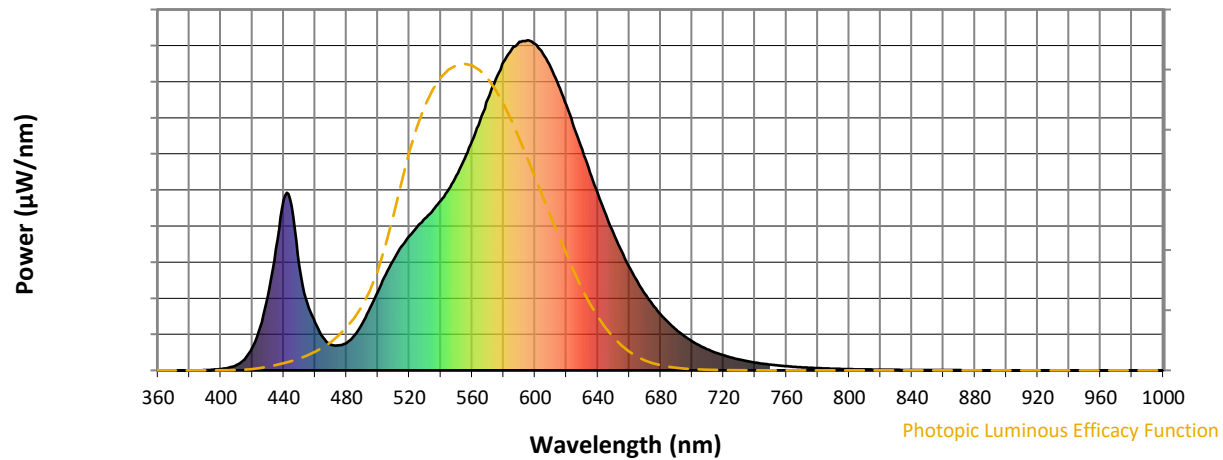
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

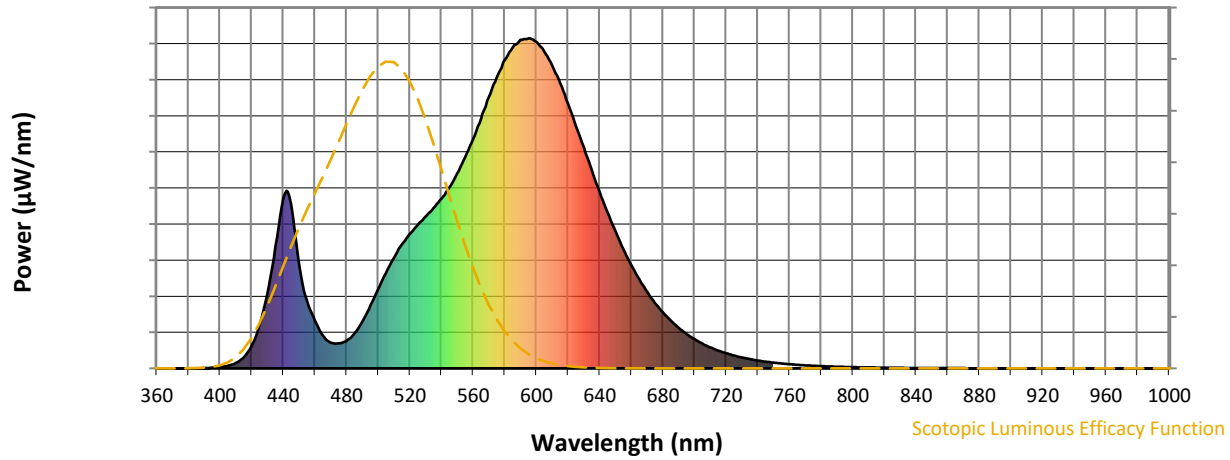


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



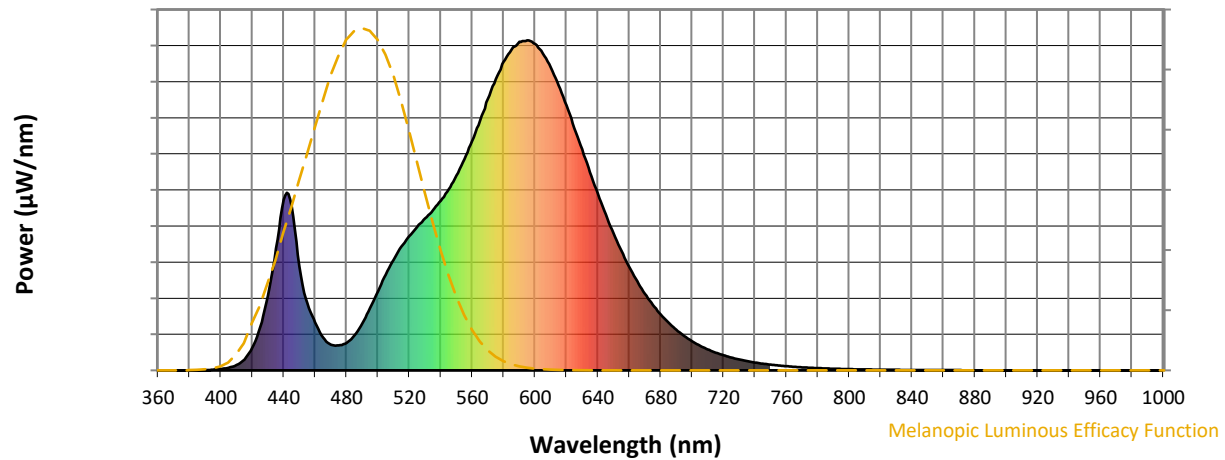
Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

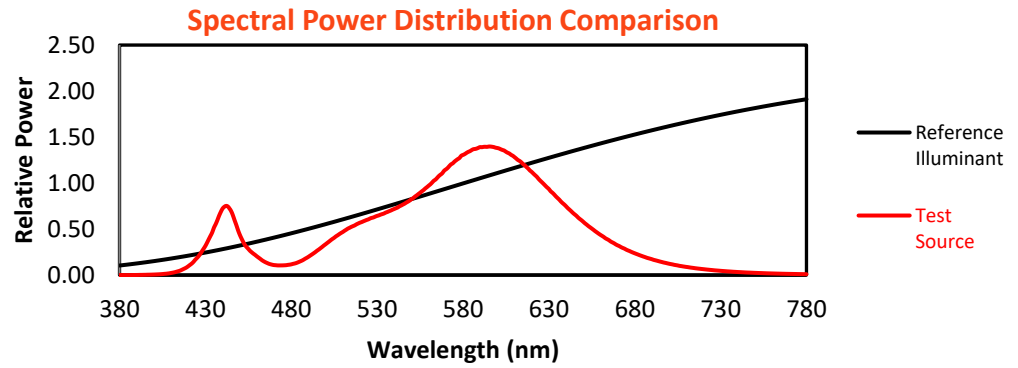
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

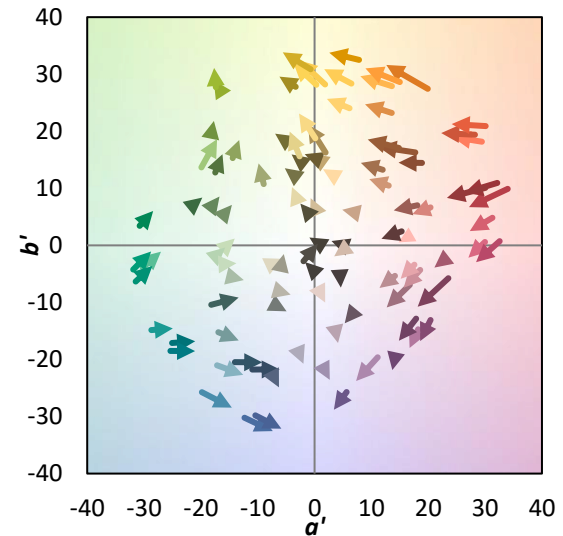
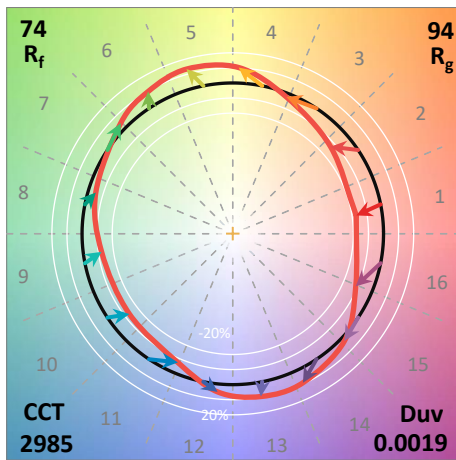
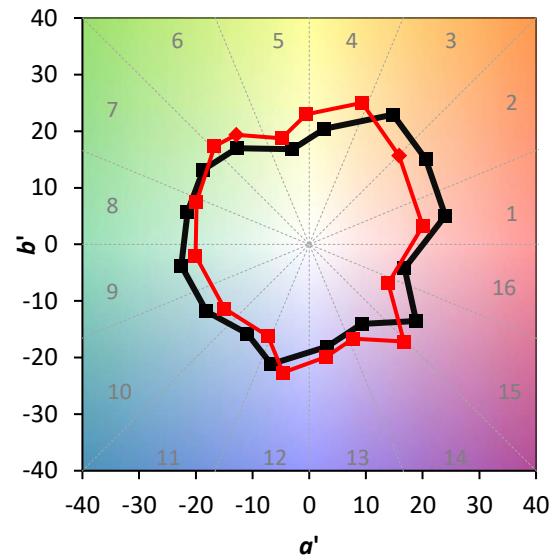
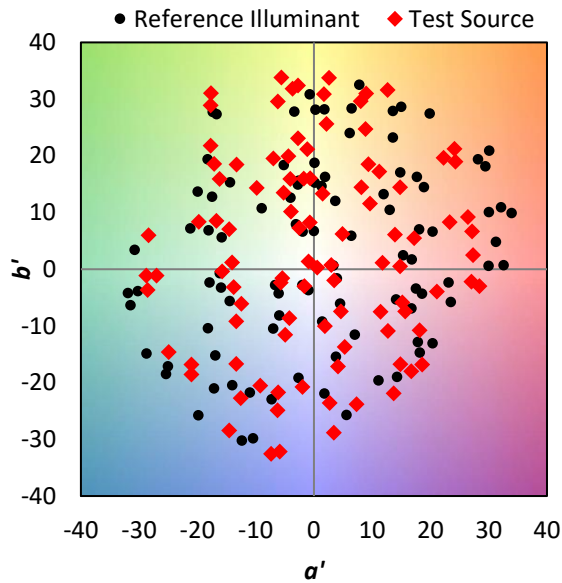
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE\ R_a = 70.8$
 $R_g = -43.2$

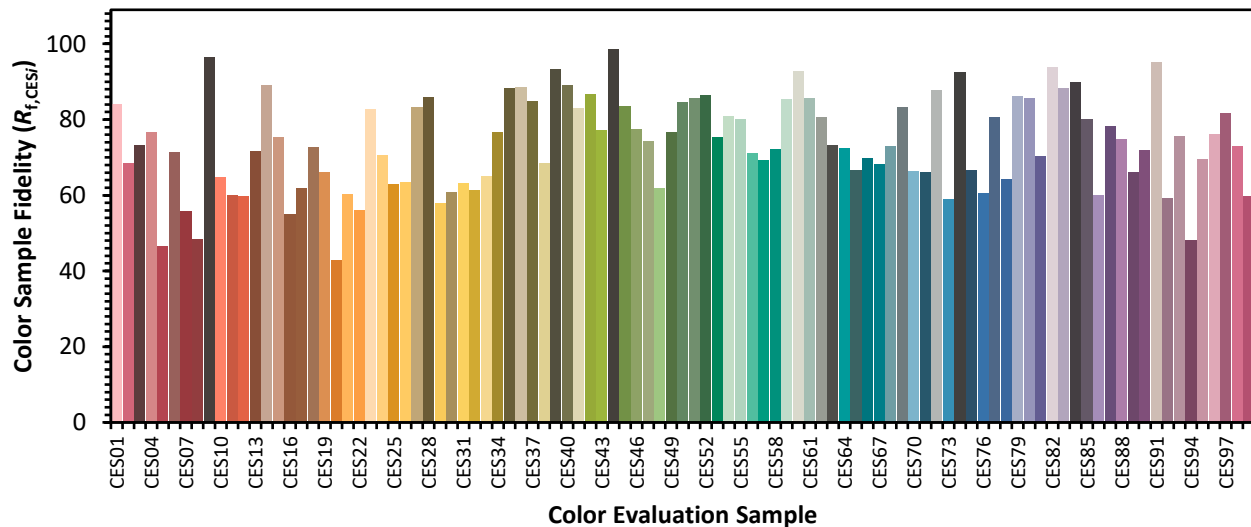


Color Vector Graphics

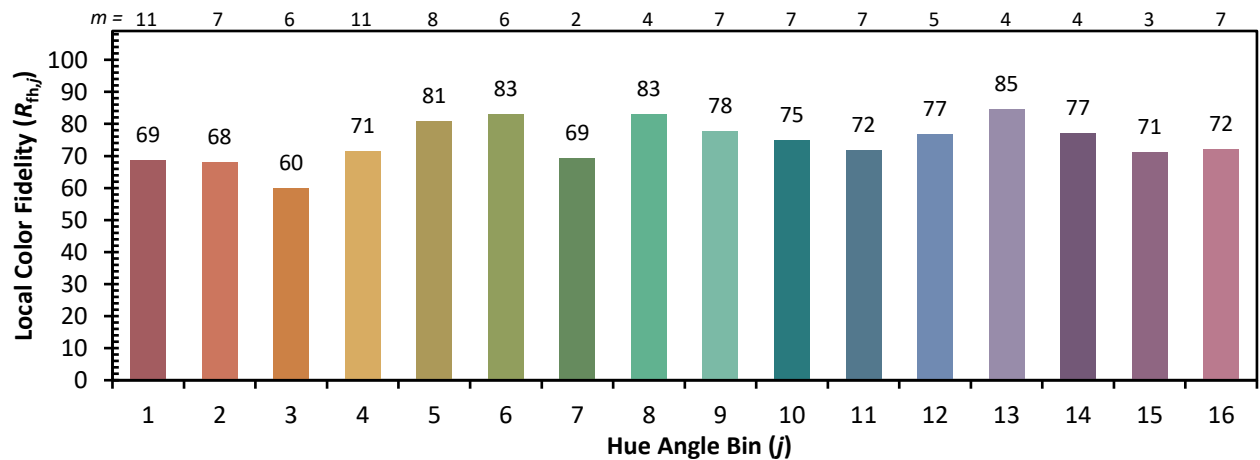
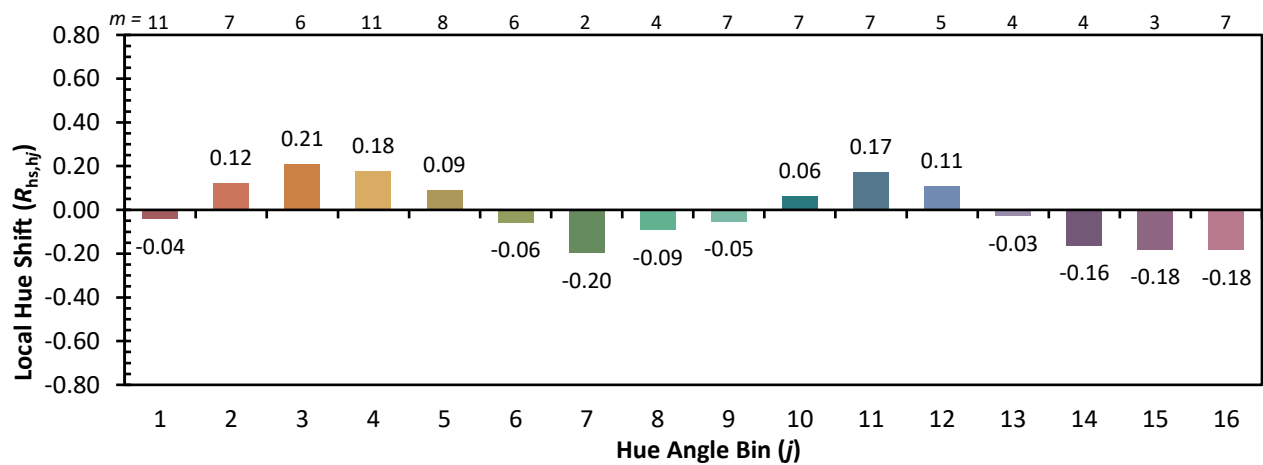
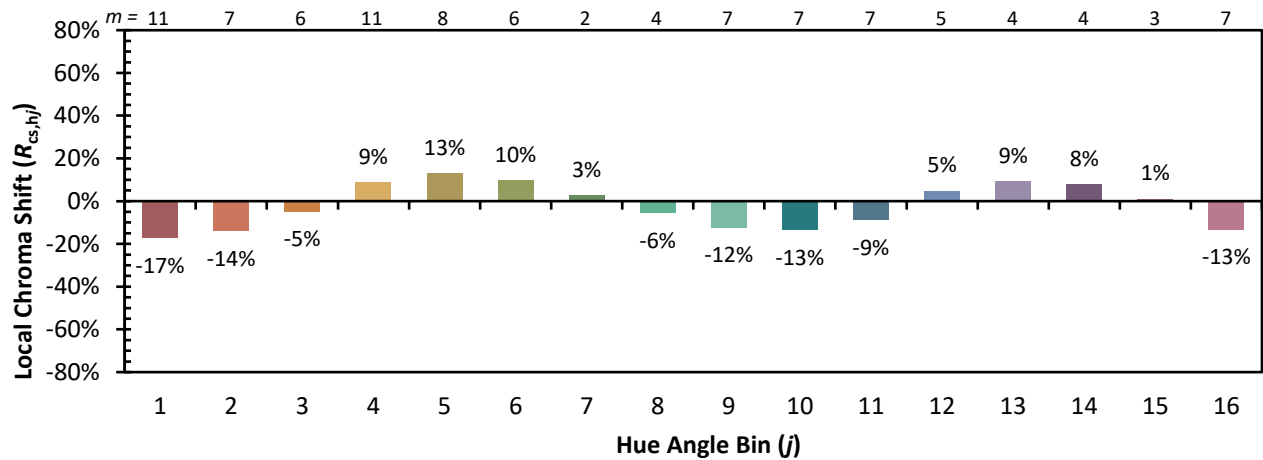


Individual Sample Fidelity Index ($R_{f,i}$)

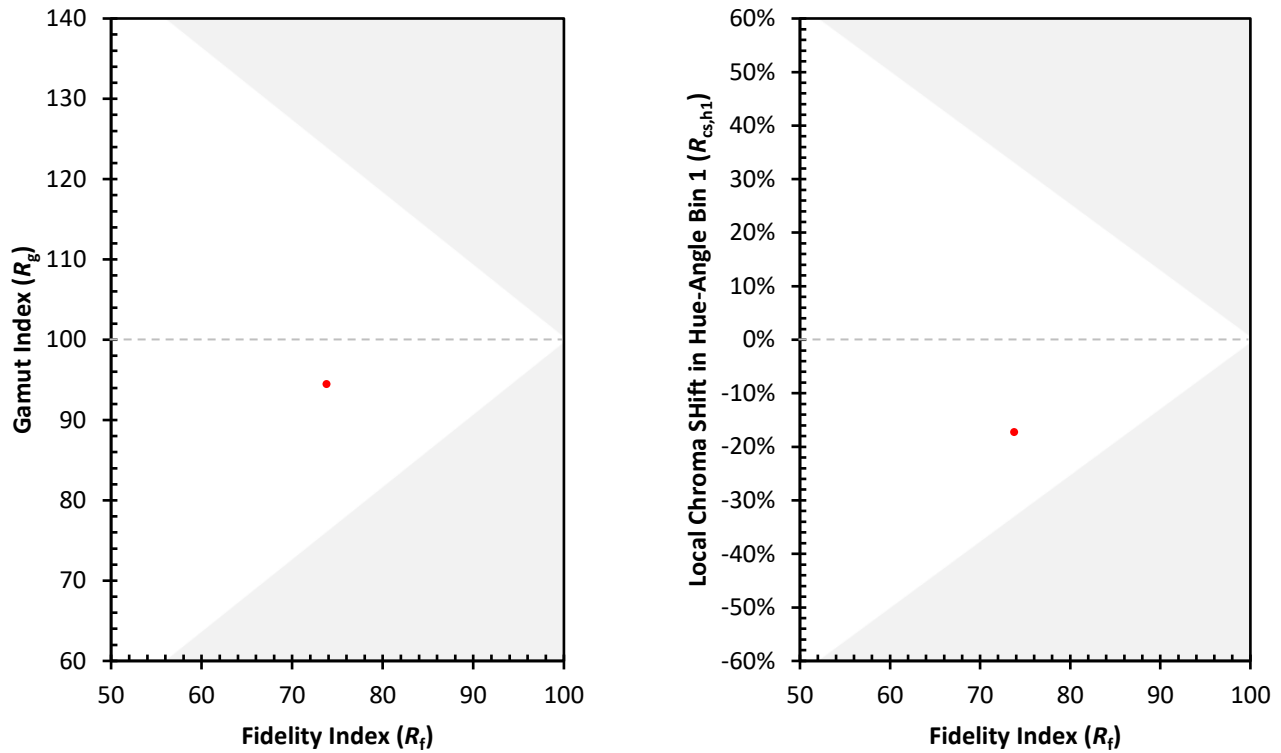
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)