

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: P1048959

Luminaire Tested: **GALN-SA1C-730-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048959
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-730-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 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: 5041.1 lumens
Efficiency: N/A
Efficacy: 100.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

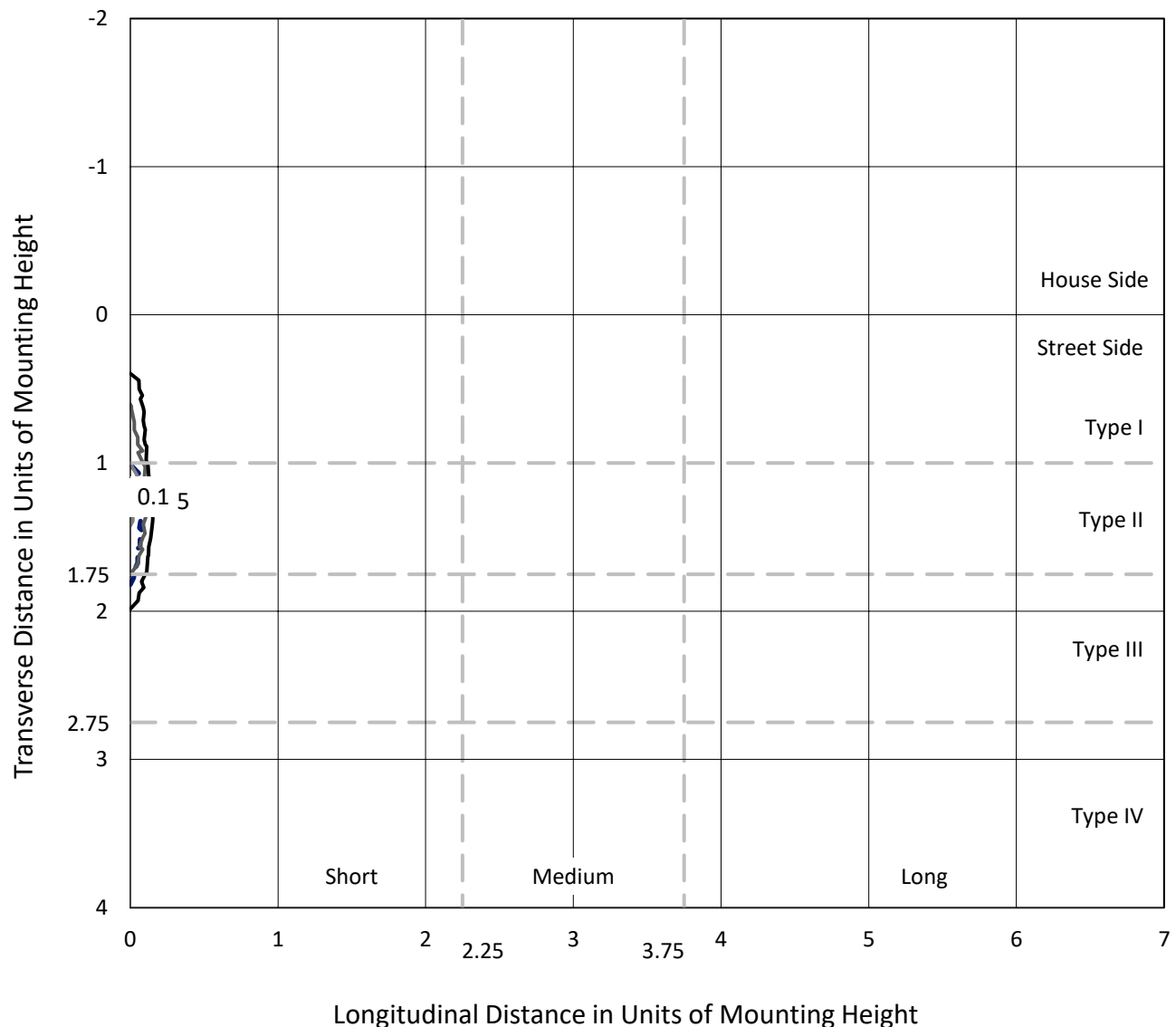
Input Watts (W): 50.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

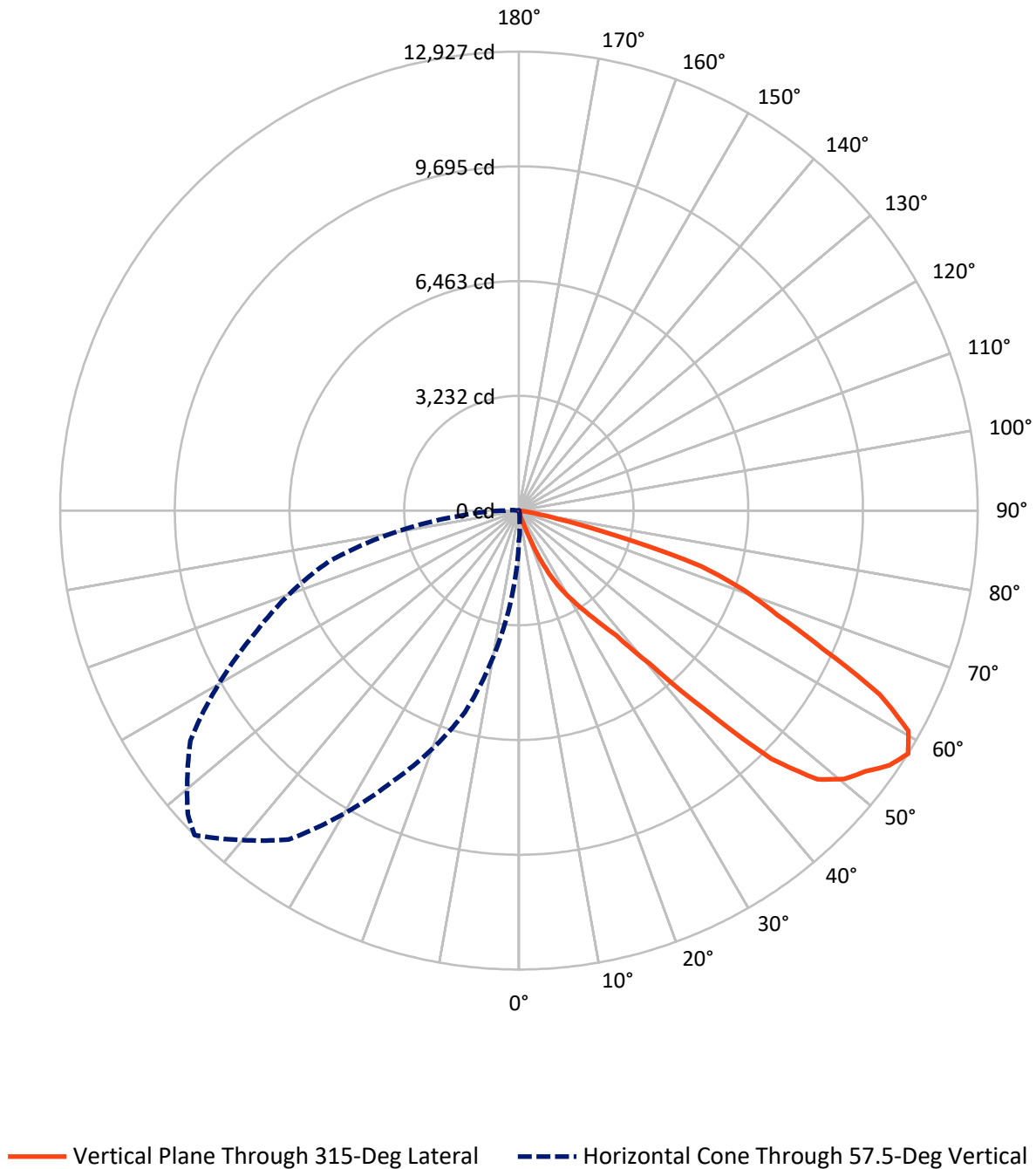
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 0.7 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	25.2	0.0	25.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	5015.9	0.0	5015.9
	% Fixture	99.5	0.0	99.5
Total	Lumens	5041.1	0.0	5041.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.0	0.0
10°-20°	11.1	0.2
20°-30°	119.5	2.4
30°-40°	353.3	7.0
40°-50°	1052.9	20.9
50°-60°	1669.5	33.1
60°-70°	1393.6	27.6
70°-80°	429.7	8.5
80°-90°	9.6	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°	5041.1	100.0
0°-180°	5041.1	100.0



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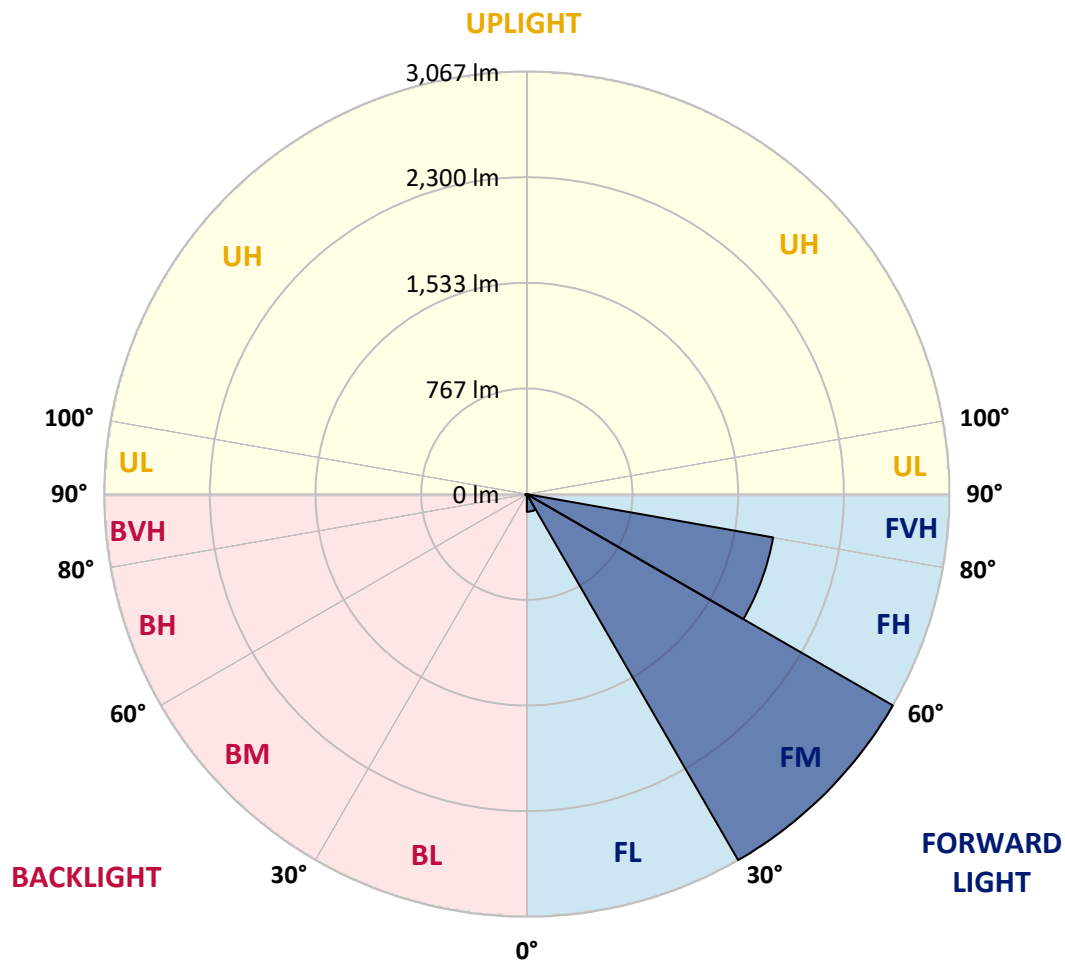
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	127.9	2.5			
FM	(30°-60°)	3066.6	60.8			
FH	(60°-80°)	1813.9	36.0			G2/5000
FVH	(80°-90°)	7.4	0.1			G0/10
BL	(0°-30°)	4.6	0.1	B0/110		
BM	(30°-60°)	9.0	0.2	B0/220		
BH	(60°-80°)	9.4	0.2	B0/110		G0/110
BVH	(80°-90°)	2.2	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°	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
2.5°	20.2	20.2	20.2	20.2	19.8	19.8	19.4	19.4	19.0	19.0
5°	21.3	21.3	21.0	20.6	20.6	20.2	19.8	19.4	19.4	19.0
7.5°	23.2	22.9	22.5	22.1	21.3	21.0	20.2	19.8	19.4	18.7
10°	25.5	24.8	24.0	23.2	22.5	21.7	21.0	20.6	19.8	19.4
12.5°	28.6	27.4	25.9	24.8	24.0	22.9	22.1	21.3	20.2	19.4
15°	31.2	29.7	27.8	26.3	25.1	23.6	22.5	21.3	20.6	19.4
17.5°	35.0	32.4	29.3	27.4	25.9	24.0	22.1	21.0	19.8	18.3
20°	41.5	36.2	30.5	28.2	25.9	23.6	21.3	19.8	18.7	17.1
22.5°	51.8	42.7	33.5	30.1	27.0	23.6	20.6	19.0	17.5	16.0
25°	71.6	55.2	38.9	34.3	29.7	25.1	20.6	18.7	17.1	15.2
27.5°	95.2	70.9	46.1	39.6	33.5	27.0	20.6	18.3	16.4	14.1
30°	119.2	86.9	54.1	45.7	37.3	29.0	20.6	17.9	15.6	13.0
32.5°	142.1	101.7	61.0	51.0	41.1	30.9	21.0	17.9	14.9	11.8
35°	165.3	113.9	62.1	51.8	41.5	30.9	20.6	17.1	14.1	10.7
37.5°	195.0	127.6	59.8	49.5	39.6	29.3	19.4	16.4	13.3	9.9
40°	240.0	150.5	61.0	50.3	39.6	29.0	18.3	15.2	12.6	9.5
42.5°	323.0	194.7	65.9	53.7	41.5	29.0	16.8	14.1	11.8	9.1
45°	558.5	323.4	88.4	70.1	51.8	33.5	15.2	13.0	11.0	8.8
47.5°	923.8	541.3	158.9	122.7	86.9	50.7	14.9	13.0	11.0	8.8
50°	1179.0	689.5	200.0	153.9	107.8	61.7	15.6	13.3	11.4	9.1
52.5°	1177.1	700.2	222.9	171.0	119.6	67.8	16.4	14.1	12.2	9.9
55°	1046.5	637.0	227.0	174.5	122.3	69.7	17.5	15.2	13.0	10.7
57.5°	874.7	541.0	207.2	160.4	113.9	67.0	20.2	17.5	15.2	12.6
60°	691.8	426.7	161.5	127.6	94.1	60.2	26.7	23.2	20.2	16.8
62.5°	477.7	309.3	141.0	113.1	85.7	57.9	30.5	27.0	24.0	20.6
65°	337.9	232.8	127.2	103.6	80.4	56.8	33.1	29.3	25.9	22.1
67.5°	252.6	185.1	117.3	97.1	77.0	56.8	36.6	32.0	27.8	23.2
70°	193.5	152.0	110.1	93.7	77.7	61.3	45.0	38.5	32.4	25.9
72.5°	157.7	129.9	101.7	89.9	78.1	66.3	54.5	46.1	37.7	29.0
75°	130.7	111.2	91.8	81.9	72.4	62.5	52.6	45.0	37.7	30.1
77.5°	86.9	79.2	71.2	65.5	59.8	53.7	48.0	41.5	35.4	29.0
80°	30.5	29.3	28.2	30.5	32.8	35.0	37.3	32.8	28.6	24.0
82.5°	4.6	4.2	3.8	4.2	4.6	5.0	5.3	5.7	6.1	6.5
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°	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
0.0	2.5°	18.7	18.7	18.3	18.3	18.3	17.9	17.9	17.5	17.5	17.5
0.0	5°	18.3	18.3	17.9	17.5	17.1	17.1	16.8	16.4	16.4	16.0
0.0	7.5°	17.9	17.5	17.1	16.8	16.4	16.0	15.6	15.2	15.2	14.9
0.0	10°	18.3	17.5	17.1	16.4	16.0	15.6	14.9	14.5	14.1	14.1
0.0	12.5°	17.5	17.1	16.4	15.6	15.2	14.5	14.1	13.3	13.0	13.0
0.0	15°	17.5	16.8	15.6	14.9	14.1	13.7	13.0	12.2	11.8	11.4
0.0	17.5°	16.4	15.6	14.5	13.7	13.0	12.2	11.4	10.7	10.3	9.9
0.0	20°	14.9	14.1	13.0	11.8	11.0	10.3	9.5	8.8	8.4	8.0
0.0	22.5°	13.3	12.6	11.4	10.3	9.5	8.8	7.6	6.9	6.5	5.7
0.0	25°	12.6	11.4	10.3	9.1	8.0	7.2	6.1	5.0	4.2	3.4
0.0	27.5°	10.7	9.5	8.4	7.2	6.1	5.0	3.8	2.7	1.9	1.5
0.0	30°	9.1	8.0	6.9	5.7	4.2	3.0	1.9	0.4	0.4	0.4
0.0	32.5°	7.6	6.5	5.0	3.8	3.0	1.9	1.1	0.0	0.0	0.0
0.0	35°	6.1	5.0	3.4	2.3	1.9	1.1	0.8	0.0	0.0	0.0
0.0	37.5°	5.3	4.2	2.7	1.1	0.8	0.8	0.4	0.0	0.0	0.0
0.0	40°	5.0	3.4	1.9	0.4	0.4	0.4	0.0	0.0	0.0	0.0
0.0	42.5°	5.0	3.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	5.0	3.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	5.0	3.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	5.3	3.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	6.1	4.6	3.0	1.5	1.1	0.8	0.4	0.0	0.0	0.0
0.0	55°	7.6	6.9	5.7	5.0	3.8	2.7	1.1	0.0	0.0	0.0
0.0	57.5°	9.9	9.9	9.5	9.1	6.9	4.6	2.3	0.0	0.0	0.0
0.0	60°	13.3	13.3	13.3	13.3	9.9	6.9	3.4	0.0	0.0	0.0
0.0	62.5°	16.4	15.6	14.5	13.7	10.3	6.9	3.4	0.0	0.0	0.0
0.0	65°	16.4	14.9	13.0	11.0	8.4	5.7	2.7	0.0	0.0	0.0
0.0	67.5°	15.2	12.2	8.8	5.7	4.2	3.0	1.5	0.0	0.0	0.0
	70°	15.2	10.7	6.1	1.5	1.1	0.8	0.4	0.0	0.0	0.0
	72.5°	15.2	10.3	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	16.8	11.4	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	16.8	11.4	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	14.9	9.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	5.0	3.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
0.0	2.5°	17.1	17.1	17.1	16.8	16.8	16.8	16.8	16.4	16.4	16.4
0.0	5°	15.6	15.6	15.2	15.2	14.9	14.9	14.5	14.5	14.1	14.1
0.0	7.5°	14.5	14.1	14.1	13.7	13.3	13.3	13.0	13.0	12.6	12.2
0.0	10°	13.3	13.0	13.0	12.6	12.2	11.8	11.8	11.4	11.0	10.7
0.0	12.5°	12.2	11.8	11.4	11.0	10.7	10.3	10.3	9.9	9.5	9.1
0.0	15°	10.7	10.3	9.9	9.5	9.1	8.8	8.8	8.4	8.0	7.6
0.0	17.5°	9.1	8.8	8.8	8.4	8.0	7.6	7.2	6.5	6.1	5.7
0.0	20°	6.9	6.5	6.1	5.7	5.3	4.6	4.2	3.4	2.7	2.3
0.0	22.5°	4.6	3.8	3.4	2.7	1.9	1.5	1.1	0.4	0.0	0.0
0.0	25°	1.5	1.1	0.8	0.4	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-SA1C-730-U-RBC

[illegible]

REPORT NUMBER: P1048959

CATALOG NUMBER: GALN-SA1C-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°	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
0.0	2.5°	16.0	16.0	16.0	15.6	15.6	15.6	15.6	15.6	15.6	15.6
0.0	5°	13.7	13.7	13.7	13.3	13.3	13.0	13.0	13.0	12.6	12.6
0.0	7.5°	11.8	11.4	11.4	11.0	11.0	10.7	10.7	10.7	10.3	10.3
0.0	10°	9.9	9.5	9.5	9.1	9.1	8.8	8.8	8.4	8.4	8.0
0.0	12.5°	8.8	8.4	8.0	7.6	7.6	7.2	6.9	6.9	6.5	6.1
0.0	15°	6.9	6.5	6.1	5.7	5.3	5.0	4.6	4.6	4.2	3.8
0.0	17.5°	4.6	3.8	3.4	3.0	3.0	2.7	2.3	1.9	1.5	1.1
0.0	20°	1.1	0.8	0.4	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



REPORT NUMBER: P1048959

CATALOG NUMBER: GALN-SA1C-730-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1048959

CATALOG NUMBER: GALN-SA1C-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°	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
0.0	2.5°	15.6	15.2	15.2	15.2	15.6	15.6	15.6	15.6	15.6	15.6
0.0	5°	12.6	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
0.0	7.5°	10.3	9.9	9.9	9.9	9.9	9.5	9.5	9.5	9.5	9.5
0.0	10°	8.0	7.6	7.6	7.6	7.6	7.2	7.2	7.2	7.2	7.2
0.0	12.5°	5.7	5.7	5.3	5.3	5.3	5.0	5.0	5.0	5.0	4.6
0.0	15°	3.4	3.0	2.7	2.7	2.7	2.3	2.3	2.3	2.3	1.9
0.0	17.5°	0.8	0.8	0.4	0.4	0.4	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: P1048959

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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°	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
0.0	2.5°	16.0	16.0	16.4	16.4	16.8	17.5	17.9	18.3	19.0	19.8
0.0	5°	12.6	13.0	13.0	13.3	13.7	14.1	14.5	14.9	15.6	16.4
0.0	7.5°	9.9	9.9	10.3	10.3	10.7	11.4	11.8	12.2	13.0	14.1
0.0	10°	7.6	7.6	8.0	8.0	8.4	9.1	9.5	9.9	10.7	11.8
0.0	12.5°	5.0	5.3	5.3	5.7	6.1	6.9	7.2	7.6	8.4	9.1
0.0	15°	2.3	2.7	2.7	3.0	3.4	4.2	4.6	5.0	5.7	6.9
0.0	17.5°	0.4	0.4	0.8	0.8	1.1	1.5	1.9	2.3	3.4	4.2
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.5
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
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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REPORT NUMBER: P1048959

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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°	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
0.0	2.5°	21.0	21.7	22.5	23.2	24.0	24.8	25.1	25.9	26.3	26.7
0.0	5°	17.9	18.7	19.8	20.6	21.3	22.1	22.9	23.2	23.6	24.0
0.0	7.5°	15.6	16.4	17.5	18.3	19.0	19.8	20.6	21.3	21.7	22.1
0.0	10°	13.3	14.5	15.2	16.4	17.1	17.9	18.7	19.4	20.2	20.6
0.0	12.5°	10.7	11.8	13.0	13.7	14.9	16.0	16.8	17.5	18.3	19.0
0.0	15°	8.4	9.5	10.7	11.4	12.6	13.7	14.9	15.6	16.4	17.1
0.0	17.5°	6.1	7.2	8.4	9.1	10.3	11.4	12.2	13.3	14.1	14.9
0.0	20°	3.0	4.2	5.3	6.5	7.6	8.8	9.5	10.7	11.4	12.2
0.0	22.5°	0.4	1.5	2.7	3.4	4.6	5.7	6.5	7.6	8.4	9.1
0.0	25°	0.0	0.4	1.1	1.5	1.9	2.7	3.4	4.2	5.0	5.7
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.5	2.3	3.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
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	0.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.8
	85°	0.0	0.0	0.0	0.0	0.0	0.8	1.1	1.9	2.3	2.7
	87.5°	0.0	0.4	0.8	1.1	1.5	2.3	3.0	3.8	4.2	4.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048959

CATALOG NUMBER: GALN-SA1C-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
22.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	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											
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REPORT NUMBER: P1048959

CATALOG NUMBER: GALN-SA1C-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°	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
0.0	2.5°	27.0	27.0	27.0	27.0	26.7	26.7	26.7	26.3	26.3	25.9
0.0	5°	24.8	25.1	25.1	25.1	25.1	25.1	25.1	25.1	24.8	24.8
0.0	7.5°	22.9	23.2	23.6	23.6	24.0	24.0	24.0	23.6	23.6	23.2
0.0	10°	21.7	22.1	22.1	22.5	22.5	22.5	22.5	22.5	22.5	22.5
0.0	12.5°	20.2	20.6	21.0	21.0	21.3	21.3	21.3	21.3	21.0	21.0
0.0	15°	18.3	19.0	19.4	19.8	19.8	20.2	20.2	20.2	20.2	20.2
0.0	17.5°	16.8	17.5	17.9	18.3	18.3	18.7	18.7	19.0	19.0	19.0
0.0	20°	13.7	14.5	14.9	15.6	16.0	16.4	16.8	17.1	17.1	17.5
0.0	22.5°	10.7	11.4	11.8	12.6	13.0	13.3	13.7	14.1	14.5	14.9
0.0	25°	7.6	8.4	8.8	9.5	9.9	10.3	10.7	11.0	11.0	11.4
0.0	27.5°	4.2	5.0	5.7	6.1	6.9	7.2	7.6	8.0	8.4	8.8
0.0	30°	1.9	2.3	2.7	3.4	3.8	4.2	4.6	5.3	5.7	6.1
0.0	32.5°	0.0	0.0	0.4	1.1	1.5	1.9	2.3	2.7	2.7	3.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.1	1.5
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.8	0.8	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	82.5°	1.9	2.3	2.7	2.7	3.0	3.0	3.0	3.0	2.7	2.7
	85°	3.8	4.2	4.6	4.6	5.0	5.0	5.0	5.0	5.0	5.0
	87.5°	5.3	5.7	6.1	6.1	6.5	6.5	6.5	6.5	6.5	6.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048959

CATALOG NUMBER: GALN-SA1C-730-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
22.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.2	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
17.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	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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REPORT NUMBER: P1048959

CATALOG NUMBER: GALN-SA1C-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°	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
0.0	2.5°	25.5	25.5	25.1	25.1	25.1	25.1	25.1	25.5	25.9	25.9
0.0	5°	24.4	24.4	24.0	24.0	24.0	24.4	24.4	24.8	25.1	25.5
0.0	7.5°	23.2	22.9	22.9	23.2	23.2	23.6	23.6	24.0	24.4	24.8
0.0	10°	22.5	22.1	22.1	22.1	22.5	22.5	22.9	23.2	23.6	24.0
0.0	12.5°	21.0	21.0	21.0	21.0	21.3	21.3	21.7	22.1	22.9	23.2
0.0	15°	20.2	19.8	19.8	19.8	19.8	20.2	20.2	21.0	21.7	22.1
0.0	17.5°	18.7	18.7	18.3	18.3	18.7	18.7	19.0	19.8	20.6	21.0
0.0	20°	17.1	16.8	16.4	16.4	16.8	16.8	17.1	17.9	18.7	19.0
0.0	22.5°	14.9	14.5	14.5	14.5	14.5	14.9	14.9	15.6	16.8	17.5
0.0	25°	11.8	12.2	12.2	12.6	12.6	13.0	13.3	14.1	15.2	16.0
0.0	27.5°	9.1	9.5	9.5	10.3	10.7	11.0	11.4	12.6	13.7	14.5
0.0	30°	6.9	7.2	7.6	8.0	8.8	9.5	10.3	11.4	12.6	13.3
0.0	32.5°	4.2	5.0	5.3	6.1	6.9	7.6	8.4	9.5	11.0	12.2
0.0	35°	3.0	3.4	4.2	4.6	5.3	6.1	6.9	8.4	9.5	11.0
0.0	37.5°	1.5	2.3	3.0	3.8	4.6	5.3	6.1	7.6	9.1	10.3
0.0	40°	1.1	1.9	2.3	3.0	4.2	5.0	5.7	7.2	8.8	10.3
0.0	42.5°	0.8	1.1	1.5	2.7	3.4	4.6	5.7	7.2	8.8	10.3
0.0	45°	0.8	0.8	1.1	2.3	3.4	5.0	6.1	7.6	8.8	10.3
0.0	47.5°	0.8	1.1	1.5	3.0	3.8	5.0	6.1	7.2	8.8	9.9
0.0	50°	1.1	1.5	1.9	3.4	4.2	5.3	6.1	7.6	8.8	10.3
0.0	52.5°	0.8	1.1	1.5	3.0	4.2	5.7	6.9	8.4	9.9	11.0
0.0	55°	0.4	0.4	0.4	2.3	4.6	6.5	8.8	9.9	11.4	12.6
0.0	57.5°	0.0	0.0	0.0	1.5	4.6	7.2	9.9	11.4	13.0	14.1
0.0	60°	0.0	0.0	0.0	1.5	4.6	7.2	9.9	11.8	13.7	15.6
0.0	62.5°	0.0	0.0	0.0	1.5	3.8	6.1	8.4	11.4	14.9	17.9
0.0	65°	0.0	0.0	0.0	1.1	3.0	5.0	6.9	11.4	16.0	20.2
0.0	67.5°	0.0	0.0	0.0	1.1	3.0	4.6	6.5	11.4	16.0	21.0
	70°	0.0	0.0	0.0	1.1	3.0	5.0	6.9	11.4	16.0	20.6
	72.5°	0.0	0.0	0.0	1.1	3.4	5.3	7.6	11.4	15.2	19.0
	75°	0.0	0.0	0.0	1.5	3.4	5.7	8.0	11.4	14.9	17.9
	77.5°	0.0	0.0	0.0	1.1	3.4	5.3	7.6	11.0	14.5	17.5
	80°	1.1	0.8	0.8	1.9	3.4	5.0	6.5	9.9	13.7	17.1
	82.5°	2.3	2.3	1.9	2.7	3.4	4.6	5.7	8.8	12.2	15.2
	85°	4.6	4.6	4.2	4.6	4.6	5.0	5.3	6.9	8.4	9.9
	87.5°	6.1	6.1	5.7	5.7	5.7	5.3	5.3	5.3	5.3	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

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
22.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1											
22.9											
21.3											
21.0											
20.6											
18.3											
11.4											
5.0											
0.0											
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REPORT NUMBER: P1048959

CATALOG NUMBER: GALN-SA1C-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°	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
0.0	2.5°	26.7	27.0	27.0	27.4	27.8	28.2	28.2	28.6	28.6	28.6
0.0	5°	26.3	27.0	27.4	27.8	28.2	28.6	29.0	29.3	29.7	29.7
0.0	7.5°	25.9	26.3	27.0	27.4	28.2	28.6	29.3	29.7	30.1	30.5
0.0	10°	25.1	25.9	26.7	27.4	28.2	29.0	29.7	30.5	31.2	31.6
0.0	12.5°	24.4	25.5	26.3	27.0	28.2	29.3	30.1	31.2	32.0	32.8
0.0	15°	24.0	24.8	25.9	26.7	28.2	29.7	30.9	32.4	33.9	35.0
0.0	17.5°	22.9	24.4	25.5	26.7	28.2	30.1	31.6	33.1	35.4	37.7
0.0	20°	21.3	22.5	24.0	25.1	27.4	29.3	31.6	33.5	37.0	40.4
0.0	22.5°	19.8	21.3	22.5	24.0	26.7	29.0	31.6	33.9	39.6	45.0
0.0	25°	18.3	20.2	21.7	23.2	26.3	29.3	32.4	35.4	45.0	54.5
0.0	27.5°	17.5	19.0	21.0	22.5	26.3	30.5	34.3	38.1	53.3	68.2
0.0	30°	16.4	18.3	19.8	21.7	26.7	31.6	36.6	41.5	64.8	88.0
0.0	32.5°	15.2	17.1	19.0	21.0	27.4	33.9	40.0	46.5	77.0	107.0
0.0	35°	14.1	16.4	18.3	20.2	28.6	37.3	45.7	54.1	88.0	121.5
0.0	37.5°	13.7	16.0	17.9	19.8	29.0	37.7	46.9	55.6	89.1	122.7
0.0	40°	14.1	16.0	18.3	20.2	27.8	35.4	42.7	50.3	85.3	120.0
0.0	42.5°	14.1	16.4	18.7	21.0	27.0	33.1	39.2	45.3	84.2	123.0
0.0	45°	13.7	16.0	18.3	20.6	26.3	31.6	37.3	42.7	91.0	139.0
0.0	47.5°	13.3	15.6	17.9	20.2	25.9	31.6	37.3	43.0	117.7	192.0
0.0	50°	13.3	15.6	17.5	19.4	26.3	33.5	40.4	47.2	171.4	295.2
0.0	52.5°	14.1	16.0	17.5	19.0	27.0	35.4	43.4	51.4	217.9	384.0
0.0	55°	15.2	16.4	17.9	19.0	29.0	38.5	48.4	57.9	232.0	406.1
0.0	57.5°	16.8	17.9	19.0	20.2	32.4	44.6	56.4	68.6	233.1	397.3
0.0	60°	18.7	20.2	21.3	22.5	35.4	48.8	61.7	74.7	211.0	347.0
0.0	62.5°	22.9	24.8	26.3	28.2	40.8	53.0	65.5	77.7	175.2	272.8
0.0	65°	26.3	27.8	29.3	30.9	43.0	55.6	67.8	80.0	148.6	217.1
0.0	67.5°	27.0	28.6	29.7	31.2	43.8	56.4	68.6	81.1	127.2	173.0
	70°	27.4	29.3	31.6	33.5	46.5	59.4	72.0	85.0	112.8	140.6
	72.5°	26.3	30.1	33.5	37.0	49.1	61.0	73.1	85.0	104.8	124.6
	75°	26.3	31.6	36.6	41.5	50.7	59.4	68.6	77.3	92.6	107.8
	77.5°	27.8	34.7	41.5	48.4	53.7	58.7	64.0	69.0	78.9	88.8
	80°	27.8	35.0	41.9	49.1	51.4	54.1	56.4	58.7	59.8	61.0
	82.5°	24.0	29.7	35.4	41.1	38.5	35.8	33.1	30.5	28.6	26.3
	85°	12.2	13.3	14.1	14.9	13.7	12.6	11.4	10.3	9.5	8.4
	87.5°	5.0	5.0	4.6	4.6	4.6	4.6	4.2	4.2	4.2	4.2
	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: P1048959

CATALOG NUMBER: GALN-SA1C-730-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
22.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
216.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
236.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
255.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
293.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
369.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
563.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
863.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1087.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1112.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1003.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
857.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
670.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
506.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
374.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
264.8											
197.0											
143.2											
107.8											
60.6											
27.4											
8.0											
3.8											
0.0											
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REPORT NUMBER: P1048959

CATALOG NUMBER: GALN-SA1C-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°	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
0.0	2.5°	28.6	28.2	28.2	27.8	27.4	27.0	26.7	26.3	25.9	25.5
0.0	5°	29.7	29.7	29.7	29.3	29.3	29.0	29.0	28.6	28.2	27.8
0.0	7.5°	30.9	31.2	31.2	31.6	31.6	31.6	31.6	31.2	31.2	31.2
0.0	10°	32.8	33.1	33.5	33.9	34.3	34.7	34.7	35.0	35.0	35.0
0.0	12.5°	35.0	36.2	37.0	38.1	38.9	40.0	40.8	41.9	42.7	43.4
0.0	15°	38.5	40.4	42.7	44.6	46.5	49.1	52.2	54.9	57.5	61.7
0.0	17.5°	43.4	49.5	55.6	61.3	67.4	80.8	94.1	107.0	120.4	139.8
0.0	20°	53.0	71.2	89.1	107.4	125.3	172.2	218.7	265.5	312.0	361.9
0.0	22.5°	74.3	119.2	164.2	209.1	254.1	352.0	449.5	547.4	645.0	759.6
0.0	25°	107.8	190.5	273.1	355.4	438.1	591.2	744.8	897.9	1051.0	1200.0
0.0	27.5°	157.0	283.4	409.9	536.0	662.5	870.1	1078.1	1285.7	1493.3	1661.7
0.0	30°	217.5	389.0	560.4	731.8	903.2	1139.4	1375.6	1611.4	1847.6	2031.6
0.0	32.5°	274.7	484.6	694.5	904.0	1113.9	1382.9	1652.2	1921.1	2190.1	2391.2
0.0	35°	312.0	565.7	819.8	1073.5	1327.2	1618.3	1909.3	2200.0	2491.0	2720.8
0.0	37.5°	349.3	642.3	934.9	1227.8	1520.4	1840.0	2159.6	2479.2	2798.8	3082.7
0.0	40°	391.2	734.9	1078.1	1421.7	1764.9	2143.6	2521.9	2900.6	3278.8	3679.2
0.0	42.5°	464.0	888.4	1313.1	1737.5	2161.9	2662.8	3163.8	3664.4	4165.3	4736.7
0.0	45°	600.8	1198.9	1797.3	2395.4	2993.5	3657.1	4321.1	4984.7	5648.4	6408.7
0.0	47.5°	935.6	1758.5	2580.9	3403.8	4226.3	4942.8	5659.0	6375.6	7091.8	7849.1
0.0	50°	1431.6	2389.3	3347.0	4304.4	5262.1	5910.5	6558.5	7206.8	7854.8	8575.2
0.0	52.5°	1790.5	2788.2	3786.3	4784.0	5781.7	6366.8	6952.4	7537.5	8122.6	8795.8
0.0	55°	1817.5	2809.5	3801.9	4793.9	5785.9	6373.7	6961.5	7549.3	8137.1	8850.6
0.0	57.5°	1609.1	2593.1	3576.8	4560.7	5544.4	6213.7	6882.6	7552.0	8220.9	8992.4
0.0	60°	1368.8	2353.1	3337.1	4321.5	5305.5	6076.6	6848.0	7619.0	8390.1	9112.7
0.0	62.5°	1067.8	2080.4	3093.3	4105.9	5118.5	5901.3	6684.2	7466.6	8249.5	8791.6
0.0	65°	795.8	1779.0	2762.3	3745.1	4728.4	5355.4	5982.5	6609.1	7236.2	7571.8
0.0	67.5°	575.2	1423.2	2270.9	3118.8	3966.5	4415.2	4864.0	5312.4	5761.1	6017.9
	70°	389.0	976.4	1563.4	2150.9	2737.9	3106.7	3475.8	3844.6	4213.3	4560.0
	72.5°	269.3	599.2	929.5	1259.4	1589.3	1960.4	2331.0	2702.1	3072.8	3439.6
	75°	178.7	328.8	479.2	629.3	779.4	1054.1	1329.1	1603.8	1878.5	2097.1
	77.5°	126.9	171.8	217.1	262.1	307.0	358.5	410.3	461.7	513.1	591.2
	80°	60.2	65.9	71.6	77.0	82.7	101.3	120.0	138.7	157.3	177.1
	82.5°	28.6	30.9	33.1	35.0	37.3	39.2	41.1	43.0	45.0	43.0
	85°	7.6	7.6	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.6
	87.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	3.0	2.7
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
22.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
412.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
874.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1348.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1830.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2216.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2592.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2950.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3366.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4079.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5308.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7169.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8606.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9295.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9468.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9564.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9763.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9835.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9334.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7907.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6275.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4906.3											
3806.5											
2315.8											
669.3											
197.0											
40.8											
7.2											
2.7											
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°	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
0.0	2.5°	24.8	24.4	24.0	23.6	23.2	22.5	22.5	22.1	22.1
0.0	5°	27.0	26.7	26.3	25.9	25.9	25.5	25.1	25.1	24.8
0.0	7.5°	30.9	30.5	30.1	29.7	29.7	29.3	29.3	29.0	29.0
0.0	10°	35.4	35.4	35.4	35.4	35.4	35.0	35.0	35.0	34.7
0.0	12.5°	44.6	45.0	45.7	46.5	47.6	47.6	47.6	47.2	47.2
0.0	15°	70.5	74.7	77.7	80.8	83.4	89.5	88.8	87.6	86.9
0.0	17.5°	178.3	197.3	207.6	217.5	227.8	256.0	251.4	246.9	242.7
0.0	20°	462.1	512.0	545.1	578.3	611.8	664.8	651.8	638.9	625.9
0.0	22.5°	988.6	1103.2	1153.1	1203.0	1252.6	1316.6	1275.0	1233.5	1192.4
0.0	25°	1497.5	1646.5	1730.7	1814.9	1898.7	1935.2	1881.1	1826.7	1772.6
0.0	27.5°	1998.5	2166.9	2241.1	2315.0	2389.3	2465.9	2398.9	2331.4	2264.4
0.0	30°	2400.0	2584.0	2664.4	2744.4	2824.8	2878.1	2808.8	2739.0	2669.7
0.0	32.5°	2793.9	2995.0	3083.0	3171.0	3258.7	3335.2	3249.9	3164.2	3078.8
0.0	35°	3179.8	3409.5	3530.7	3651.8	3772.9	3844.2	3742.8	3641.1	3539.8
0.0	37.5°	3650.7	3934.5	4070.1	4205.7	4341.3	4471.2	4359.6	4247.6	4136.0
0.0	40°	4480.0	4880.4	5088.4	5296.7	5504.7	5672.4	5531.4	5390.5	5249.5
0.0	42.5°	5879.6	6451.0	6750.1	7048.7	7347.8	7609.5	7461.3	7313.1	7164.9
0.0	45°	7929.5	8689.9	9054.5	9418.6	9783.2	9974.4	9761.1	9547.4	9334.1
0.0	47.5°	9363.4	10120.7	10445.3	10769.9	11094.4	11312.7	11051.8	10790.8	10530.3
0.0	50°	10015.6	10736.0	11061.7	11387.0	11712.7	11886.1	11584.7	11283.0	10981.7
0.0	52.5°	10141.7	10814.8	11203.4	11592.3	11980.9	12212.5	11856.7	11500.5	11144.7
0.0	55°	10278.1	10991.6	11442.3	11893.3	12344.0	12664.7	12262.4	11859.8	11457.5
0.0	57.5°	10534.8	11306.3	11755.8	12204.9	12654.4	12926.8	12523.4	12119.6	11716.2
0.0	60°	10557.7	11280.0	11666.3	12052.9	12439.2	12610.6	12224.7	11838.4	11452.5
0.0	62.5°	9876.2	10418.3	10686.4	10954.6	11222.8	11409.1	11006.4	10603.4	10200.7
0.0	65°	8243.4	8579.0	8792.7	9006.5	9220.2	9442.3	9073.5	8704.7	8336.0
0.0	67.5°	6531.8	6788.6	7070.1	7351.6	7633.1	7870.5	7575.2	7279.6	6984.4
	70°	5252.9	5599.2	5915.8	6232.4	6548.9	6743.2	6446.8	6150.1	5853.7
	72.5°	4173.3	4540.2	4804.6	5068.6	5332.9	5380.6	5162.7	4944.7	4727.2
	75°	2534.1	2752.8	2758.1	2763.0	2768.4	2813.7	2633.1	2452.6	2272.4
	77.5°	747.4	825.5	889.9	953.9	1018.3	1096.0	1029.7	963.0	896.8
	80°	216.4	236.2	253.0	269.3	286.1	276.2	260.6	245.0	229.3
	82.5°	38.9	36.6	36.2	35.8	35.8	33.9	30.9	27.8	24.8
	85°	6.9	6.5	6.1	5.7	5.3	5.0	4.2	3.8	3.0
	87.5°	2.3	1.9	1.5	1.1	1.1	0.4	0.4	0.4	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: P1048959

CATALOG NUMBER: GALN-SA1C-730-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°	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
0.0	0.0	2.5°	21.7	21.3	21.3	21.3	21.3	21.0	21.0	21.0	21.0
0.0	0.0	5°	24.0	24.0	23.6	23.6	23.2	23.2	22.9	22.9	22.5
0.0	0.0	7.5°	28.2	27.8	27.4	27.0	26.7	25.9	25.5	25.1	25.1
0.0	0.0	10°	33.9	33.1	32.8	32.0	31.6	30.9	30.1	29.3	28.6
0.0	0.0	12.5°	44.6	43.0	41.9	40.4	38.9	37.7	36.2	35.0	33.5
0.0	0.0	15°	77.3	73.5	69.3	64.4	59.0	54.1	48.8	45.7	42.3
0.0	0.0	17.5°	197.7	177.9	157.7	141.3	125.0	109.0	92.6	80.8	69.0
0.0	0.0	20°	503.2	448.4	393.5	339.4	285.0	230.9	176.4	149.0	121.5
0.0	0.0	22.5°	947.0	845.3	743.2	644.6	545.5	446.9	348.2	286.1	224.4
0.0	0.0	25°	1461.7	1333.7	1205.7	1043.4	880.8	718.5	556.2	455.2	354.3
0.0	0.0	27.5°	1902.1	1754.7	1607.2	1409.9	1212.6	1015.2	817.9	667.4	517.3
0.0	0.0	30°	2283.4	2124.9	1966.5	1736.8	1507.0	1277.3	1047.6	859.4	671.2
0.0	0.0	32.5°	2614.1	2424.4	2234.7	1997.7	1760.8	1523.8	1286.9	1056.0	825.1
0.0	0.0	35°	2995.4	2774.1	2552.4	2289.5	2026.3	1763.4	1500.6	1240.0	979.0
0.0	0.0	37.5°	3480.0	3208.4	2936.4	2643.4	2350.5	2057.9	1764.9	1467.0	1169.1
0.0	0.0	40°	4407.6	4057.1	3706.7	3334.5	2961.9	2589.7	2217.5	1851.8	1486.1
0.0	0.0	42.5°	6069.7	5596.2	5122.7	4627.4	4131.8	3636.6	3140.9	2625.1	2108.9
0.0	0.0	45°	7945.5	7358.1	6770.3	6214.5	5658.3	5102.5	4546.7	3838.8	3131.0
0.0	0.0	47.5°	9000.4	8366.1	7731.8	7205.7	6679.6	6153.5	5627.4	4864.4	4101.3
0.0	0.0	50°	9388.5	8742.8	8097.1	7612.9	7128.4	6644.2	6159.6	5395.4	4630.8
0.0	0.0	52.5°	9471.2	8812.5	8153.9	7666.6	7179.4	6692.6	6205.3	5446.1	4686.8
0.0	0.0	55°	9641.1	8934.5	8227.4	7672.0	7116.6	6561.1	6005.7	5234.3	4462.8
0.0	0.0	57.5°	9863.2	9138.6	8414.1	7781.3	7148.6	6516.2	5883.4	5040.0	4196.6
0.0	0.0	60°	9804.9	9174.5	8543.6	7865.9	7187.8	6510.1	5832.0	4904.4	3976.4
0.0	0.0	62.5°	8793.1	8291.0	7788.5	7231.2	6673.5	6116.2	5558.8	4603.8	3648.8
0.0	0.0	65°	7233.9	6867.4	6500.9	6052.6	5603.8	5155.4	4707.0	3850.7	2994.7
0.0	0.0	67.5°	5862.8	5449.9	5036.6	4679.2	4321.5	3964.2	3606.5	2932.6	2258.7
		70°	4657.9	4208.8	3759.2	3410.3	3060.9	2712.0	2363.0	1915.0	1467.4
		72.5°	3699.0	3294.1	2889.1	2516.9	2144.4	1772.2	1399.6	1134.9	870.1
		75°	1768.0	1606.1	1444.2	1249.5	1054.9	860.2	665.5	550.1	435.0
		77.5°	655.2	568.0	480.4	401.1	321.9	243.0	163.8	150.1	136.4
		80°	169.5	147.8	125.7	110.1	94.1	78.5	62.9	56.8	51.0
		82.5°	19.4	17.9	16.8	16.0	14.9	14.1	13.0	11.8	10.7
		85°	1.1	0.8	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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REPORT NUMBER: P1048959

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	22.1	22.1
0.0	0.0	2.5°	20.6	20.2
0.0	0.0	5°	21.7	21.3
0.0	0.0	7.5°	24.0	23.2
0.0	0.0	10°	26.3	25.5
0.0	0.0	12.5°	29.7	28.6
0.0	0.0	15°	33.5	31.2
0.0	0.0	17.5°	40.0	35.0
0.0	0.0	20°	54.1	41.5
0.0	0.0	22.5°	76.2	51.8
0.0	0.0	25°	112.0	71.6
0.0	0.0	27.5°	155.8	95.2
0.0	0.0	30°	207.2	119.2
0.0	0.0	32.5°	252.6	142.1
0.0	0.0	35°	311.6	165.3
0.0	0.0	37.5°	384.4	195.0
0.0	0.0	40°	497.1	240.0
0.0	0.0	42.5°	700.2	323.0
0.0	0.0	45°	1137.1	558.5
0.0	0.0	47.5°	1749.7	923.8
0.0	0.0	50°	2140.6	1179.0
0.0	0.0	52.5°	2172.6	1177.1
0.0	0.0	55°	1983.2	1046.5
0.0	0.0	57.5°	1692.2	874.7
0.0	0.0	60°	1406.5	691.8
0.0	0.0	62.5°	1108.2	477.7
0.0	0.0	65°	809.9	337.9
0.0	0.0	67.5°	581.7	252.6
		70°	382.5	193.5
		72.5°	249.1	157.7
		75°	167.6	130.7
		77.5°	97.9	86.9
		80°	34.7	30.5
		82.5°	6.5	4.6
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1048959

CATALOG NUMBER: GALN-SA1C-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

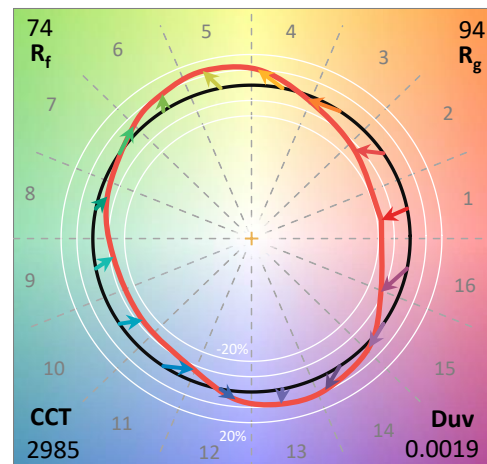
Test Information

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

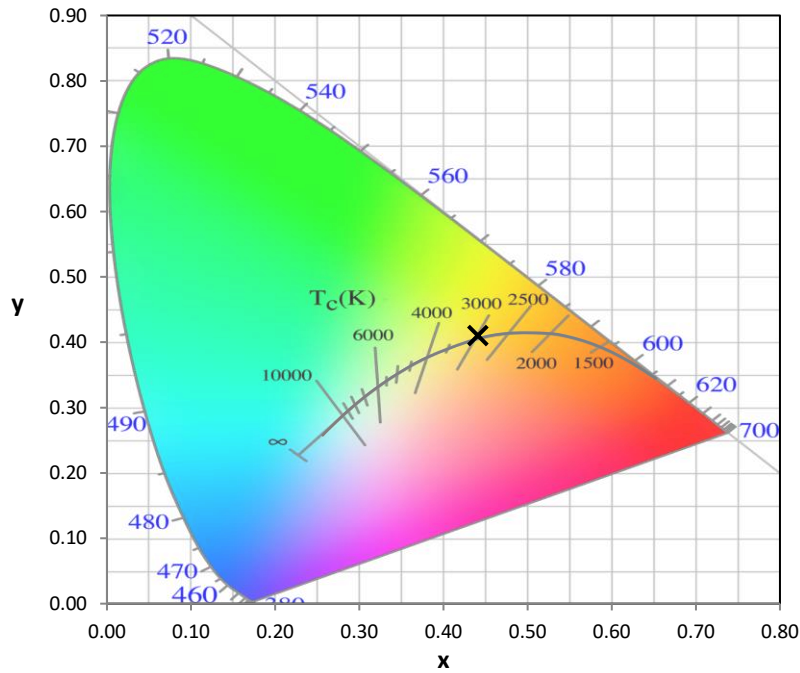
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

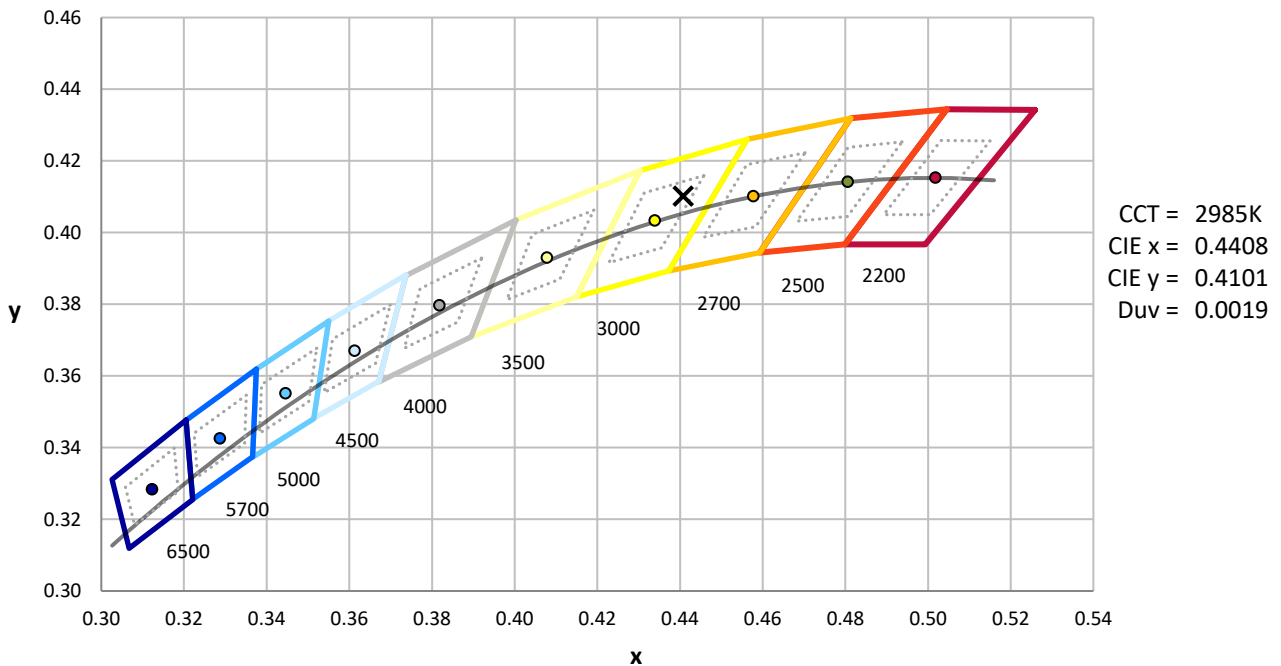
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



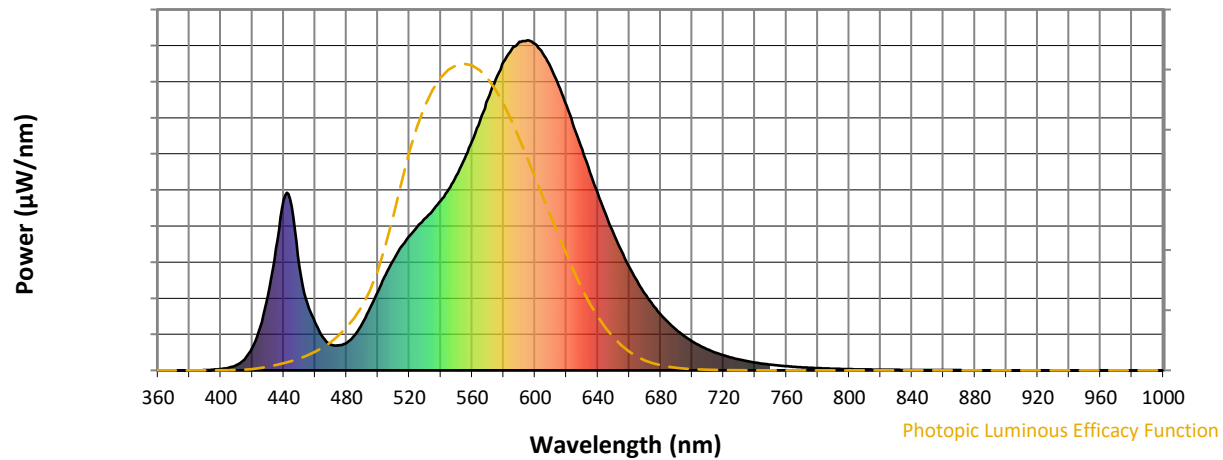
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

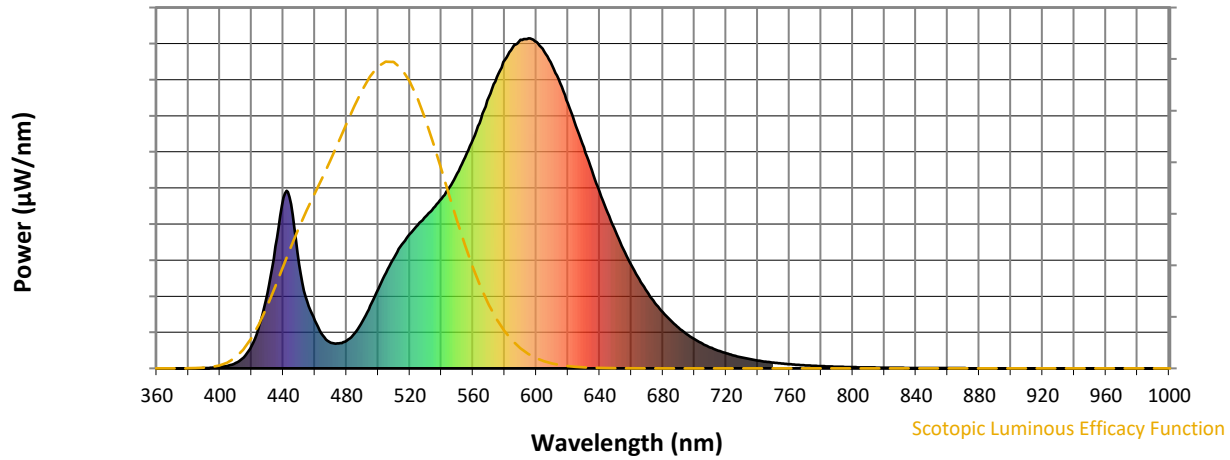


Photopic Lumens: NR

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



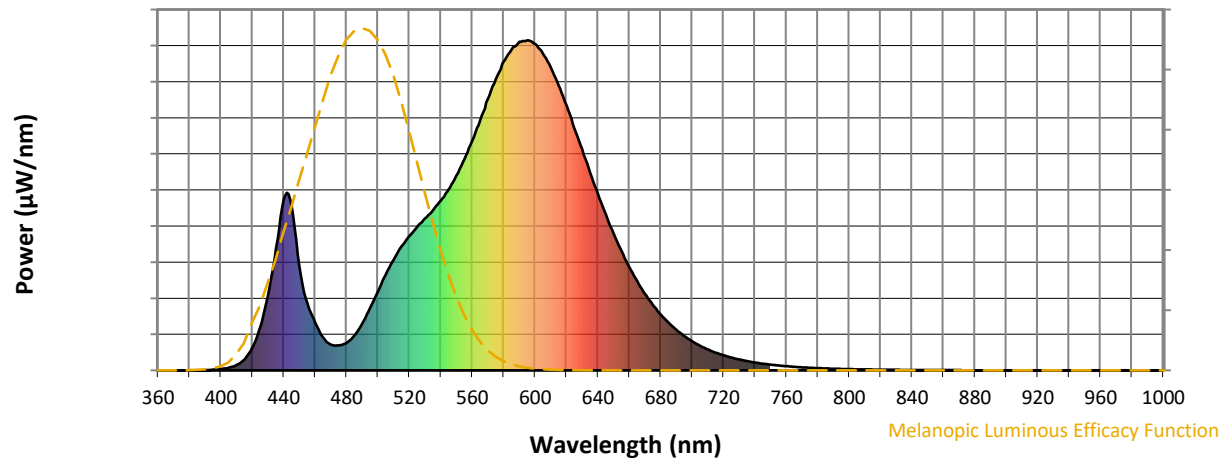
Scotopic Lumens: NR

S/P: 1.19

λ (nm)	Power 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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

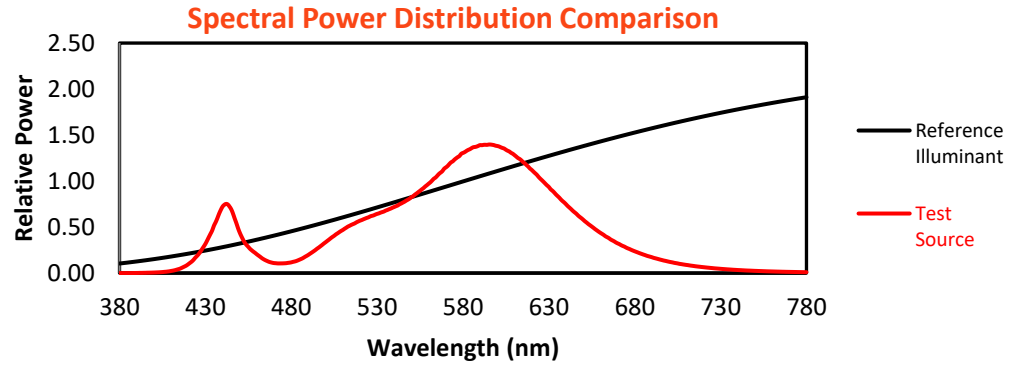
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	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			

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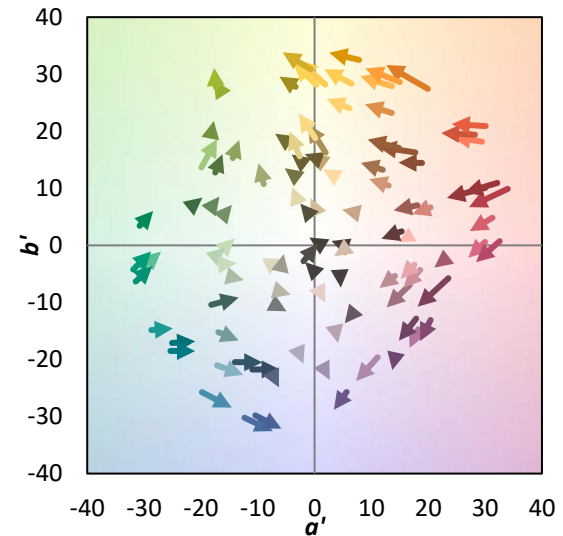
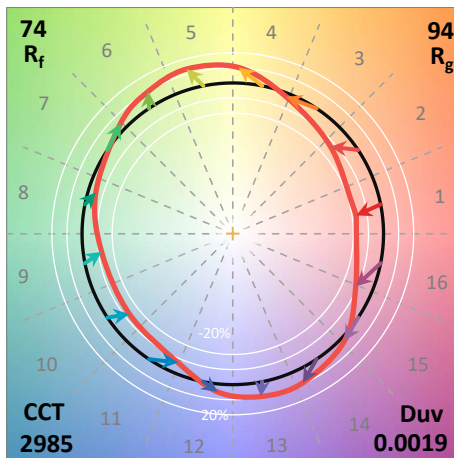
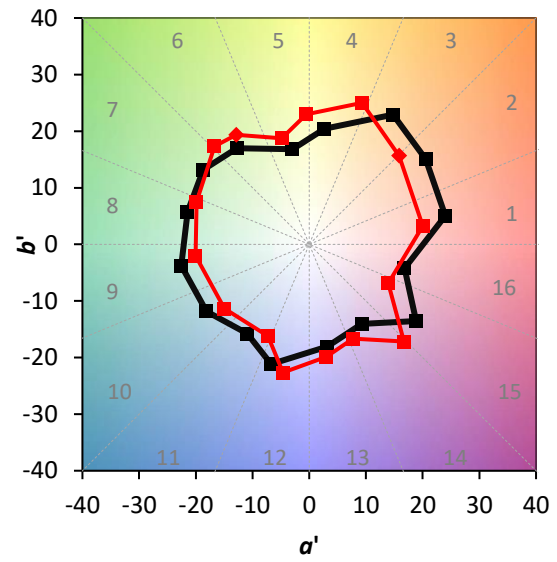
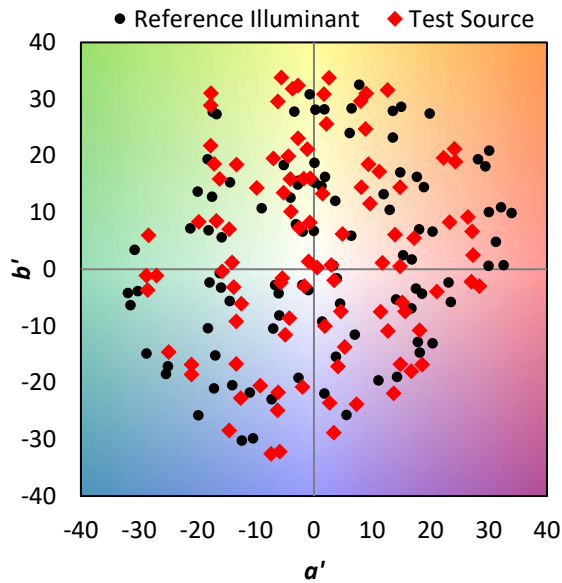
TM-30-18

Summary

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

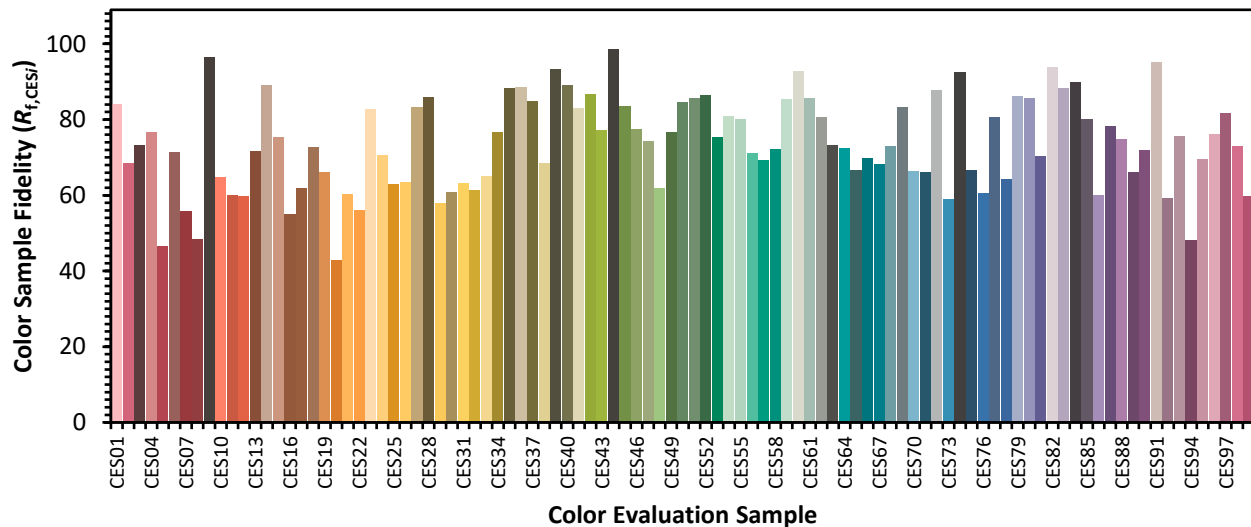


Color Vector Graphics

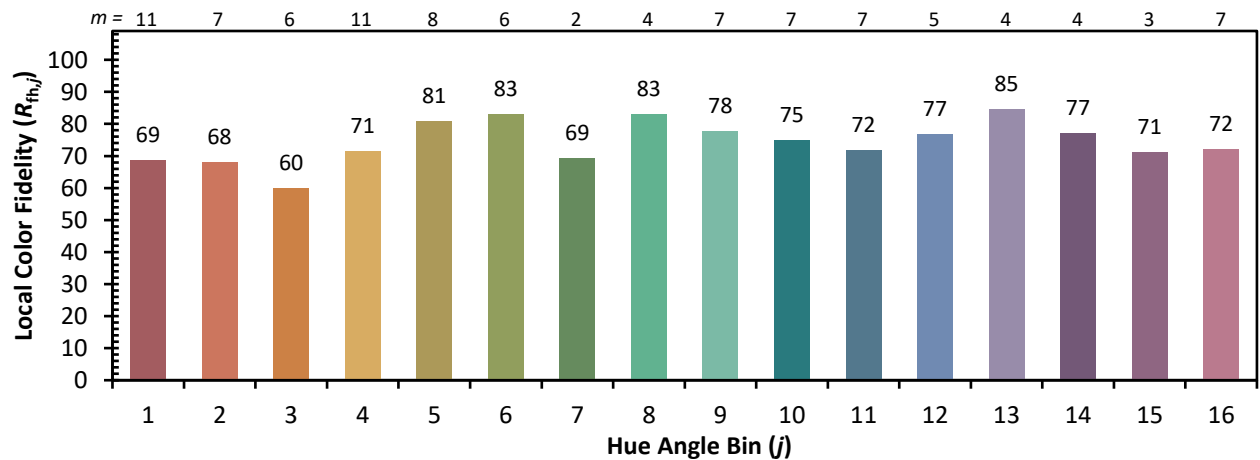
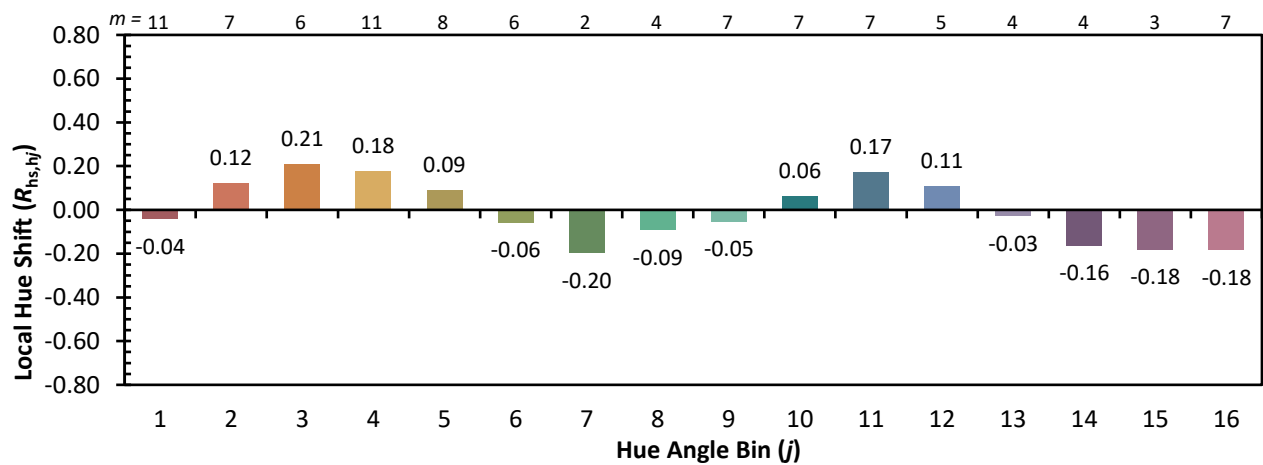
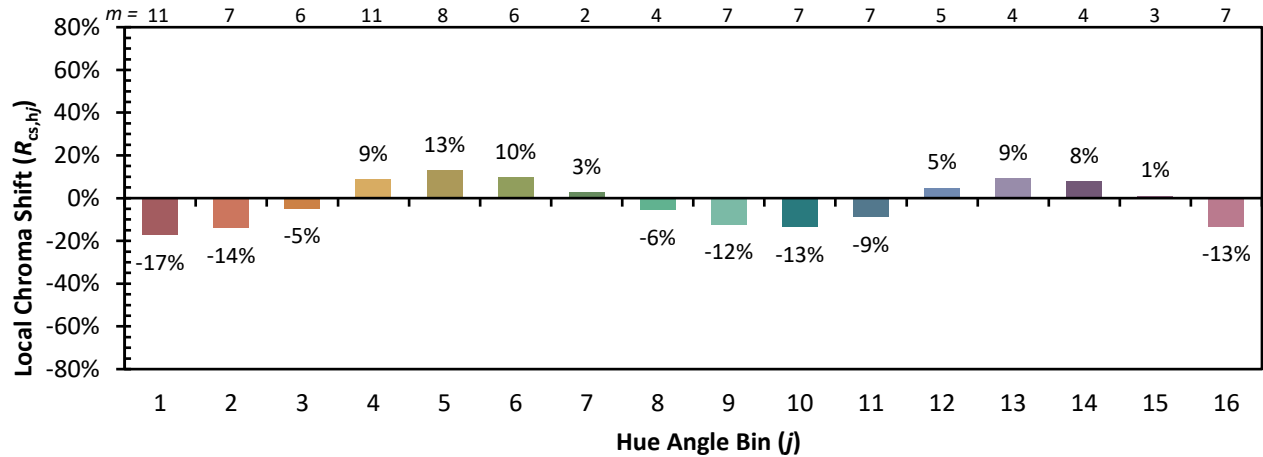


Individual Sample Fidelity Index ($R_{f,i}$)

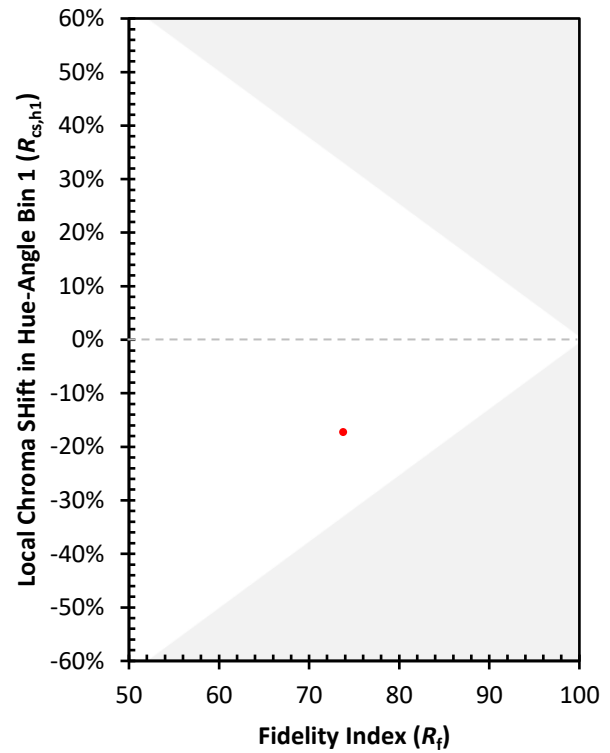
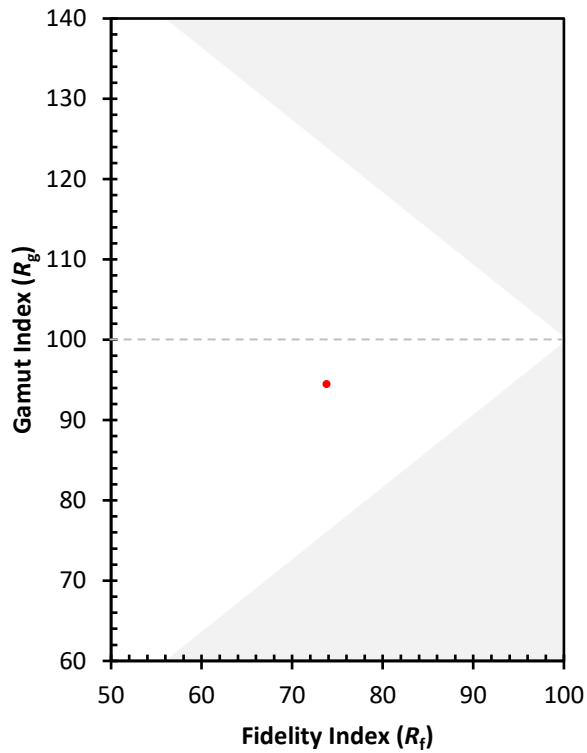
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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)