

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: P1048957

Luminaire Tested: **GALN-SA1A-730-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1048957
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1A-730-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
70CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

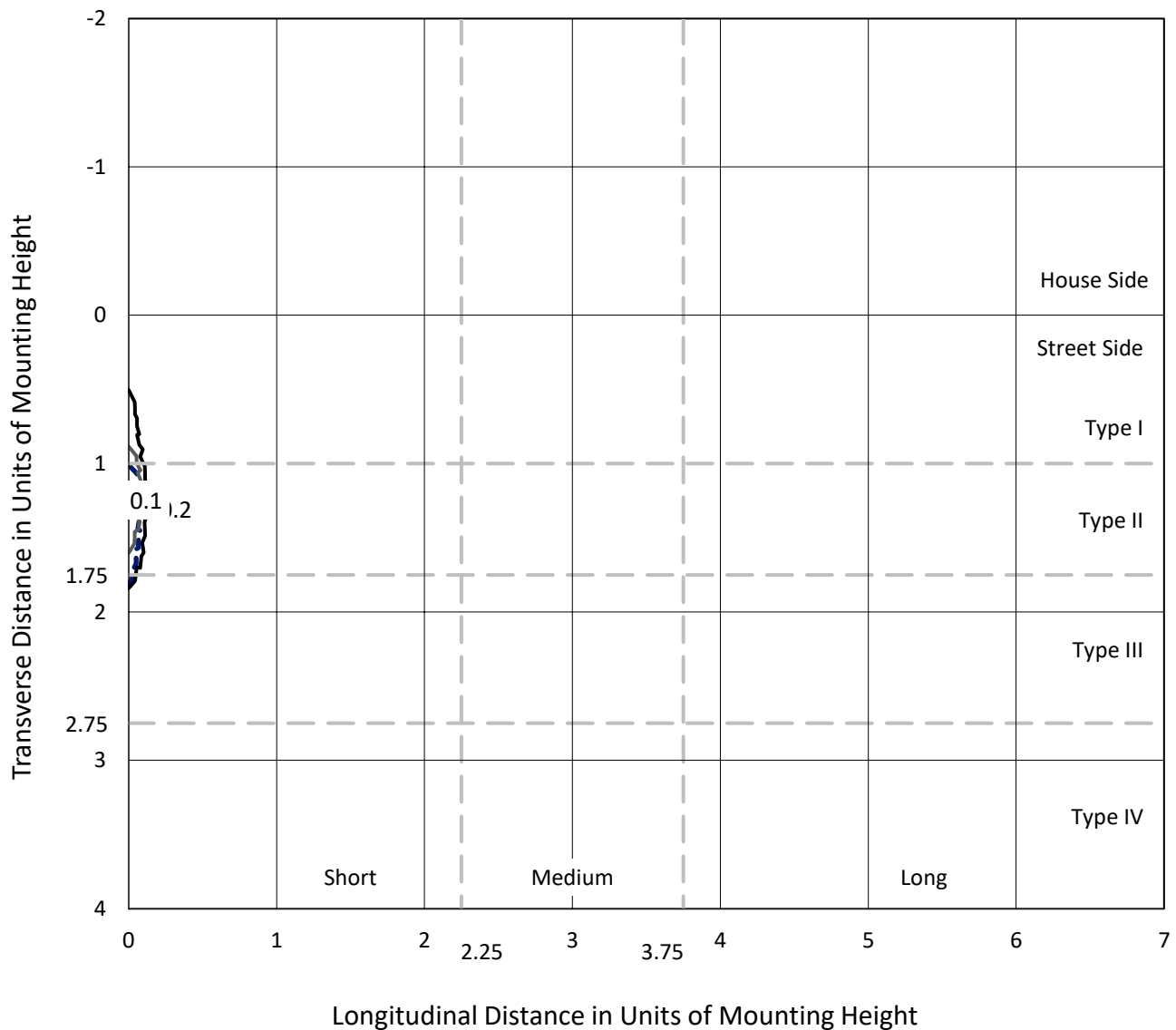
Lumens per Lamp: N/A
Luminaire Lumens: 3231.7 lumens
Efficiency: N/A
Efficacy: 111.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 29
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

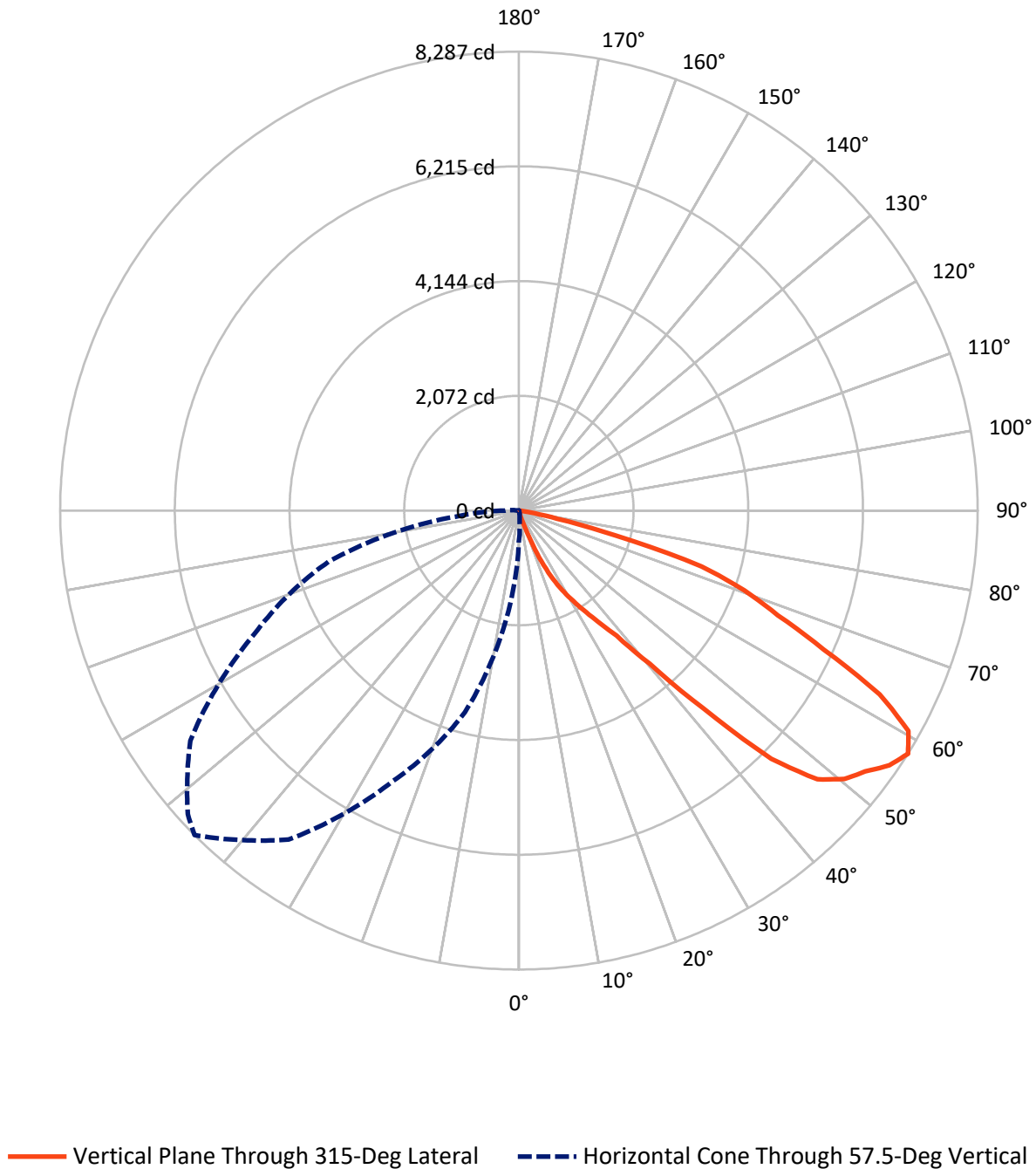
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 0.5 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	16.2	0.0	16.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	3215.5	0.0	3215.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	3231.7	0.0	3231.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.3	0.0
10°-20°	7.1	0.2
20°-30°	76.6	2.4
30°-40°	226.5	7.0
40°-50°	675.0	20.9
50°-60°	1070.3	33.1
60°-70°	893.4	27.6
70°-80°	275.5	8.5
80°-90°	6.1	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°	3231.7	100.0
0°-180°	3231.7	100.0



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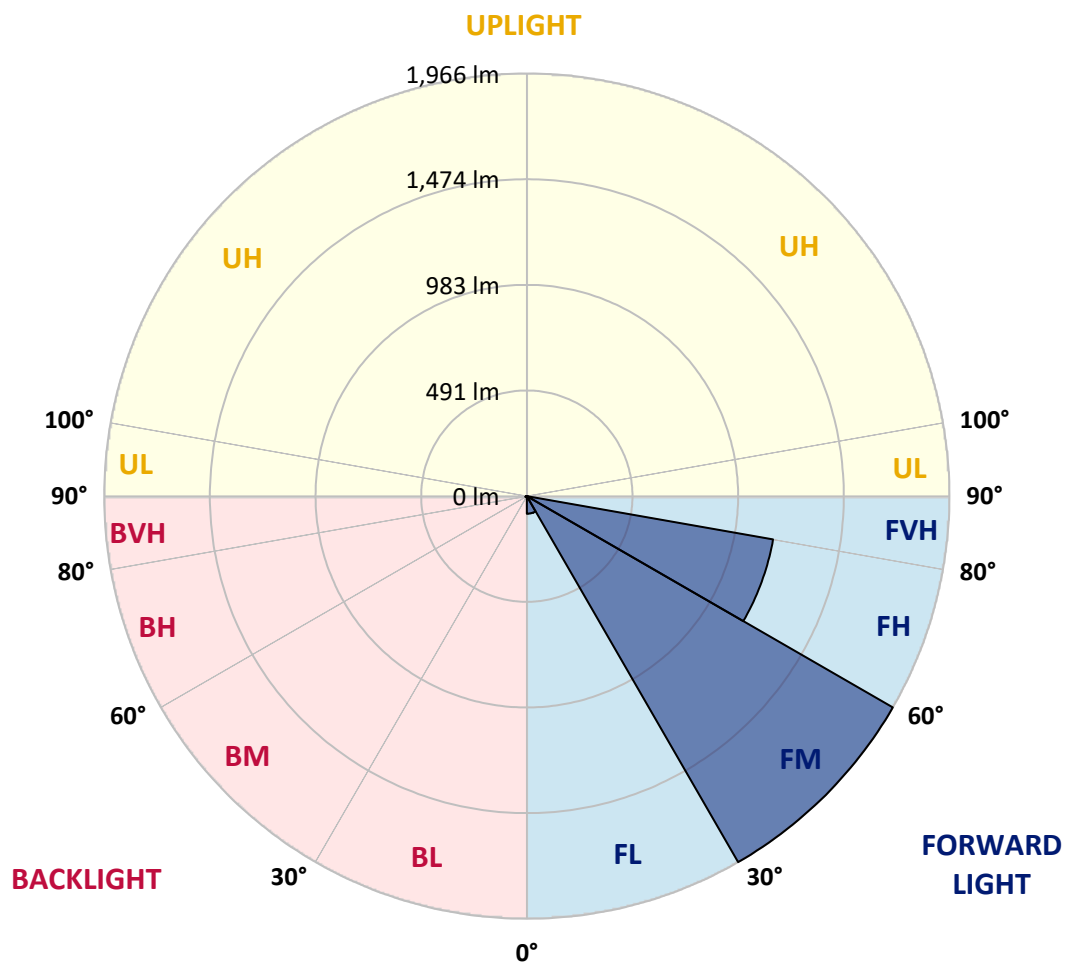
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	82.0	2.5			
FM	(30°-60°)	1965.9	60.8			
FH	(60°-80°)	1162.9	36.0			G1/1800
FVH	(80°-90°)	4.7	0.1			G0/10
BL	(0°-30°)	3.0	0.1	B0/110		
BM	(30°-60°)	5.8	0.2	B0/220		
BH	(60°-80°)	6.0	0.2	B0/110		G0/110
BVH	(80°-90°)	1.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-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°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
2.5°	12.9	12.9	12.9	12.9	12.7	12.7	12.5	12.5	12.2	12.2
5°	13.7	13.7	13.4	13.2	13.2	12.9	12.7	12.5	12.5	12.2
7.5°	14.9	14.7	14.4	14.2	13.7	13.4	12.9	12.7	12.5	12.0
10°	16.4	15.9	15.4	14.9	14.4	13.9	13.4	13.2	12.7	12.5
12.5°	18.3	17.6	16.6	15.9	15.4	14.7	14.2	13.7	12.9	12.5
15°	20.0	19.0	17.8	16.9	16.1	15.1	14.4	13.7	13.2	12.5
17.5°	22.5	20.8	18.8	17.6	16.6	15.4	14.2	13.4	12.7	11.7
20°	26.6	23.2	19.5	18.1	16.6	15.1	13.7	12.7	12.0	11.0
22.5°	33.2	27.4	21.5	19.3	17.3	15.1	13.2	12.2	11.2	10.3
25°	45.9	35.4	24.9	22.0	19.0	16.1	13.2	12.0	11.0	9.8
27.5°	61.1	45.4	29.6	25.4	21.5	17.3	13.2	11.7	10.5	9.0
30°	76.4	55.7	34.7	29.3	23.9	18.6	13.2	11.5	10.0	8.3
32.5°	91.1	65.2	39.1	32.7	26.4	19.8	13.4	11.5	9.5	7.6
35°	106.0	73.0	39.8	33.2	26.6	19.8	13.2	11.0	9.0	6.8
37.5°	125.0	81.8	38.3	31.7	25.4	18.8	12.5	10.5	8.5	6.3
40°	153.9	96.5	39.1	32.2	25.4	18.6	11.7	9.8	8.1	6.1
42.5°	207.1	124.8	42.2	34.4	26.6	18.6	10.7	9.0	7.6	5.9
45°	358.0	207.3	56.7	44.9	33.2	21.5	9.8	8.3	7.1	5.6
47.5°	592.2	347.0	101.8	78.6	55.7	32.5	9.5	8.3	7.1	5.6
50°	755.9	442.0	128.2	98.7	69.1	39.6	10.0	8.5	7.3	5.9
52.5°	754.6	448.9	142.9	109.7	76.7	43.5	10.5	9.0	7.8	6.3
55°	670.9	408.3	145.6	111.9	78.4	44.7	11.2	9.8	8.3	6.8
57.5°	560.7	346.8	132.9	102.8	73.0	43.0	12.9	11.2	9.8	8.1
60°	443.5	273.5	103.5	81.8	60.3	38.6	17.1	14.9	12.9	10.7
62.5°	306.2	198.3	90.4	72.5	54.9	37.1	19.5	17.3	15.4	13.2
65°	216.6	149.2	81.6	66.4	51.5	36.4	21.2	18.8	16.6	14.2
67.5°	161.9	118.7	75.2	62.3	49.3	36.4	23.4	20.5	17.8	14.9
70°	124.1	97.4	70.6	60.1	49.8	39.3	28.8	24.7	20.8	16.6
72.5°	101.1	83.3	65.2	57.6	50.1	42.5	34.9	29.6	24.2	18.6
75°	83.8	71.3	58.9	52.5	46.4	40.1	33.7	28.8	24.2	19.3
77.5°	55.7	50.8	45.7	42.0	38.3	34.4	30.8	26.6	22.7	18.6
80°	19.5	18.8	18.1	19.5	21.0	22.5	23.9	21.0	18.3	15.4
82.5°	2.9	2.7	2.4	2.7	2.9	3.2	3.4	3.7	3.9	4.2
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°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
0.0	2.5°	12.0	12.0	11.7	11.7	11.7	11.5	11.5	11.2	11.2	11.2
0.0	5°	11.7	11.7	11.5	11.2	11.0	11.0	10.7	10.5	10.5	10.3
0.0	7.5°	11.5	11.2	11.0	10.7	10.5	10.3	10.0	9.8	9.8	9.5
0.0	10°	11.7	11.2	11.0	10.5	10.3	10.0	9.5	9.3	9.0	9.0
0.0	12.5°	11.2	11.0	10.5	10.0	9.8	9.3	9.0	8.5	8.3	8.3
0.0	15°	11.2	10.7	10.0	9.5	9.0	8.8	8.3	7.8	7.6	7.3
0.0	17.5°	10.5	10.0	9.3	8.8	8.3	7.8	7.3	6.8	6.6	6.3
0.0	20°	9.5	9.0	8.3	7.6	7.1	6.6	6.1	5.6	5.4	5.1
0.0	22.5°	8.5	8.1	7.3	6.6	6.1	5.6	4.9	4.4	4.2	3.7
0.0	25°	8.1	7.3	6.6	5.9	5.1	4.6	3.9	3.2	2.7	2.2
0.0	27.5°	6.8	6.1	5.4	4.6	3.9	3.2	2.4	1.7	1.2	1.0
0.0	30°	5.9	5.1	4.4	3.7	2.7	2.0	1.2	0.2	0.2	0.2
0.0	32.5°	4.9	4.2	3.2	2.4	2.0	1.2	0.7	0.0	0.0	0.0
0.0	35°	3.9	3.2	2.2	1.5	1.2	0.7	0.5	0.0	0.0	0.0
0.0	37.5°	3.4	2.7	1.7	0.7	0.5	0.5	0.2	0.0	0.0	0.0
0.0	40°	3.2	2.2	1.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0
0.0	42.5°	3.2	2.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	3.2	2.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	3.2	2.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	3.4	2.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	3.9	2.9	2.0	1.0	0.7	0.5	0.2	0.0	0.0	0.0
0.0	55°	4.9	4.4	3.7	3.2	2.4	1.7	0.7	0.0	0.0	0.0
0.0	57.5°	6.3	6.3	6.1	5.9	4.4	2.9	1.5	0.0	0.0	0.0
0.0	60°	8.5	8.5	8.5	8.5	6.3	4.4	2.2	0.0	0.0	0.0
0.0	62.5°	10.5	10.0	9.3	8.8	6.6	4.4	2.2	0.0	0.0	0.0
0.0	65°	10.5	9.5	8.3	7.1	5.4	3.7	1.7	0.0	0.0	0.0
0.0	67.5°	9.8	7.8	5.6	3.7	2.7	2.0	1.0	0.0	0.0	0.0
	70°	9.8	6.8	3.9	1.0	0.7	0.5	0.2	0.0	0.0	0.0
	72.5°	9.8	6.6	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	10.7	7.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	10.7	7.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	9.5	6.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	3.2	2.2	1.0	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]

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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°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
0.0	2.5°	11.0	11.0	11.0	10.7	10.7	10.7	10.7	10.5	10.5	10.5
0.0	5°	10.0	10.0	9.8	9.8	9.5	9.5	9.3	9.3	9.0	9.0
0.0	7.5°	9.3	9.0	9.0	8.8	8.5	8.5	8.3	8.3	8.1	7.8
0.0	10°	8.5	8.3	8.3	8.1	7.8	7.6	7.6	7.3	7.1	6.8
0.0	12.5°	7.8	7.6	7.3	7.1	6.8	6.6	6.6	6.3	6.1	5.9
0.0	15°	6.8	6.6	6.3	6.1	5.9	5.6	5.6	5.4	5.1	4.9
0.0	17.5°	5.9	5.6	5.6	5.4	5.1	4.9	4.6	4.2	3.9	3.7
0.0	20°	4.4	4.2	3.9	3.7	3.4	2.9	2.7	2.2	1.7	1.5
0.0	22.5°	2.9	2.4	2.2	1.7	1.2	1.0	0.7	0.2	0.0	0.0
0.0	25°	1.0	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA1A-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048957

CATALOG NUMBER: GALN-SA1A-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°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
0.0	2.5°	10.3	10.3	10.3	10.0	10.0	10.0	10.0	10.0	10.0	10.0
0.0	5°	8.8	8.8	8.8	8.5	8.5	8.3	8.3	8.3	8.1	8.1
0.0	7.5°	7.6	7.3	7.3	7.1	7.1	6.8	6.8	6.8	6.6	6.6
0.0	10°	6.3	6.1	6.1	5.9	5.9	5.6	5.6	5.4	5.4	5.1
0.0	12.5°	5.6	5.4	5.1	4.9	4.9	4.6	4.4	4.4	4.2	3.9
0.0	15°	4.4	4.2	3.9	3.7	3.4	3.2	2.9	2.9	2.7	2.4
0.0	17.5°	2.9	2.4	2.2	2.0	2.0	1.7	1.5	1.2	1.0	0.7
0.0	20°	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P1048957

CATALOG NUMBER: GALN-SA1A-730-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1048957

CATALOG NUMBER: GALN-SA1A-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°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
0.0	2.5°	10.0	9.8	9.8	9.8	10.0	10.0	10.0	10.0	10.0	10.0
0.0	5°	8.1	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
0.0	7.5°	6.6	6.3	6.3	6.3	6.3	6.1	6.1	6.1	6.1	6.1
0.0	10°	5.1	4.9	4.9	4.9	4.9	4.6	4.6	4.6	4.6	4.6
0.0	12.5°	3.7	3.7	3.4	3.4	3.4	3.2	3.2	3.2	3.2	2.9
0.0	15°	2.2	2.0	1.7	1.7	1.7	1.5	1.5	1.5	1.5	1.2
0.0	17.5°	0.5	0.5	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048957

CATALOG NUMBER: GALN-SA1A-730-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
0.0	2.5°	10.3	10.3	10.5	10.5	10.7	11.2	11.5	11.7	12.2	12.7
0.0	5°	8.1	8.3	8.3	8.5	8.8	9.0	9.3	9.5	10.0	10.5
0.0	7.5°	6.3	6.3	6.6	6.6	6.8	7.3	7.6	7.8	8.3	9.0
0.0	10°	4.9	4.9	5.1	5.1	5.4	5.9	6.1	6.3	6.8	7.6
0.0	12.5°	3.2	3.4	3.4	3.7	3.9	4.4	4.6	4.9	5.4	5.9
0.0	15°	1.5	1.7	1.7	2.0	2.2	2.7	2.9	3.2	3.7	4.4
0.0	17.5°	0.2	0.2	0.5	0.5	0.7	1.0	1.2	1.5	2.2	2.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1048957

CATALOG NUMBER: GALN-SA1A-730-U-RBC

CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
0.0	2.5°	13.4	13.9	14.4	14.9	15.4	15.9	16.1	16.6	16.9	17.1
0.0	5°	11.5	12.0	12.7	13.2	13.7	14.2	14.7	14.9	15.1	15.4
0.0	7.5°	10.0	10.5	11.2	11.7	12.2	12.7	13.2	13.7	13.9	14.2
0.0	10°	8.5	9.3	9.8	10.5	11.0	11.5	12.0	12.5	12.9	13.2
0.0	12.5°	6.8	7.6	8.3	8.8	9.5	10.3	10.7	11.2	11.7	12.2
0.0	15°	5.4	6.1	6.8	7.3	8.1	8.8	9.5	10.0	10.5	11.0
0.0	17.5°	3.9	4.6	5.4	5.9	6.6	7.3	7.8	8.5	9.0	9.5
0.0	20°	2.0	2.7	3.4	4.2	4.9	5.6	6.1	6.8	7.3	7.8
0.0	22.5°	0.2	1.0	1.7	2.2	2.9	3.7	4.2	4.9	5.4	5.9
0.0	25°	0.0	0.2	0.7	1.0	1.2	1.7	2.2	2.7	3.2	3.7
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.5	1.0	1.5	2.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
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	0.2
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5
	85°	0.0	0.0	0.0	0.0	0.0	0.5	0.7	1.2	1.5	1.7
	87.5°	0.0	0.2	0.5	0.7	1.0	1.5	2.0	2.4	2.7	2.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048957

CATALOG NUMBER: GALN-SA1A-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
14.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1048957

CATALOG NUMBER: GALN-SA1A-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°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
0.0	2.5°	17.3	17.3	17.3	17.3	17.1	17.1	17.1	16.9	16.9	16.6
0.0	5°	15.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	15.9	15.9
0.0	7.5°	14.7	14.9	15.1	15.1	15.4	15.4	15.4	15.1	15.1	14.9
0.0	10°	13.9	14.2	14.2	14.4	14.4	14.4	14.4	14.4	14.4	14.4
0.0	12.5°	12.9	13.2	13.4	13.4	13.7	13.7	13.7	13.7	13.4	13.4
0.0	15°	11.7	12.2	12.5	12.7	12.7	12.9	12.9	12.9	12.9	12.9
0.0	17.5°	10.7	11.2	11.5	11.7	11.7	12.0	12.0	12.2	12.2	12.2
0.0	20°	8.8	9.3	9.5	10.0	10.3	10.5	10.7	11.0	11.0	11.2
0.0	22.5°	6.8	7.3	7.6	8.1	8.3	8.5	8.8	9.0	9.3	9.5
0.0	25°	4.9	5.4	5.6	6.1	6.3	6.6	6.8	7.1	7.1	7.3
0.0	27.5°	2.7	3.2	3.7	3.9	4.4	4.6	4.9	5.1	5.4	5.6
0.0	30°	1.2	1.5	1.7	2.2	2.4	2.7	2.9	3.4	3.7	3.9
0.0	32.5°	0.0	0.0	0.2	0.7	1.0	1.2	1.5	1.7	1.7	2.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.7	1.0
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°	0.5	0.5	0.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	82.5°	1.2	1.5	1.7	1.7	2.0	2.0	2.0	2.0	1.7	1.7
	85°	2.4	2.7	2.9	2.9	3.2	3.2	3.2	3.2	3.2	3.2
	87.5°	3.4	3.7	3.9	3.9	4.2	4.2	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: P1048957

CATALOG NUMBER: GALN-SA1A-730-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
14.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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REPORT NUMBER: P1048957

CATALOG NUMBER: GALN-SA1A-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°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
0.0	2.5°	16.4	16.4	16.1	16.1	16.1	16.1	16.1	16.4	16.6	16.6
0.0	5°	15.6	15.6	15.4	15.4	15.4	15.6	15.6	15.9	16.1	16.4
0.0	7.5°	14.9	14.7	14.7	14.9	14.9	15.1	15.1	15.4	15.6	15.9
0.0	10°	14.4	14.2	14.2	14.2	14.4	14.4	14.7	14.9	15.1	15.4
0.0	12.5°	13.4	13.4	13.4	13.4	13.7	13.7	13.9	14.2	14.7	14.9
0.0	15°	12.9	12.7	12.7	12.7	12.7	12.9	12.9	13.4	13.9	14.2
0.0	17.5°	12.0	12.0	11.7	11.7	12.0	12.0	12.2	12.7	13.2	13.4
0.0	20°	11.0	10.7	10.5	10.5	10.7	10.7	11.0	11.5	12.0	12.2
0.0	22.5°	9.5	9.3	9.3	9.3	9.3	9.5	9.5	10.0	10.7	11.2
0.0	25°	7.6	7.8	7.8	8.1	8.1	8.3	8.5	9.0	9.8	10.3
0.0	27.5°	5.9	6.1	6.1	6.6	6.8	7.1	7.3	8.1	8.8	9.3
0.0	30°	4.4	4.6	4.9	5.1	5.6	6.1	6.6	7.3	8.1	8.5
0.0	32.5°	2.7	3.2	3.4	3.9	4.4	4.9	5.4	6.1	7.1	7.8
0.0	35°	2.0	2.2	2.7	2.9	3.4	3.9	4.4	5.4	6.1	7.1
0.0	37.5°	1.0	1.5	2.0	2.4	2.9	3.4	3.9	4.9	5.9	6.6
0.0	40°	0.7	1.2	1.5	2.0	2.7	3.2	3.7	4.6	5.6	6.6
0.0	42.5°	0.5	0.7	1.0	1.7	2.2	2.9	3.7	4.6	5.6	6.6
0.0	45°	0.5	0.5	0.7	1.5	2.2	3.2	3.9	4.9	5.6	6.6
0.0	47.5°	0.5	0.7	1.0	2.0	2.4	3.2	3.9	4.6	5.6	6.3
0.0	50°	0.7	1.0	1.2	2.2	2.7	3.4	3.9	4.9	5.6	6.6
0.0	52.5°	0.5	0.7	1.0	2.0	2.7	3.7	4.4	5.4	6.3	7.1
0.0	55°	0.2	0.2	0.2	1.5	2.9	4.2	5.6	6.3	7.3	8.1
0.0	57.5°	0.0	0.0	0.0	1.0	2.9	4.6	6.3	7.3	8.3	9.0
0.0	60°	0.0	0.0	0.0	1.0	2.9	4.6	6.3	7.6	8.8	10.0
0.0	62.5°	0.0	0.0	0.0	1.0	2.4	3.9	5.4	7.3	9.5	11.5
0.0	65°	0.0	0.0	0.0	0.7	2.0	3.2	4.4	7.3	10.3	12.9
0.0	67.5°	0.0	0.0	0.0	0.7	2.0	2.9	4.2	7.3	10.3	13.4
	70°	0.0	0.0	0.0	0.7	2.0	3.2	4.4	7.3	10.3	13.2
	72.5°	0.0	0.0	0.0	0.7	2.2	3.4	4.9	7.3	9.8	12.2
	75°	0.0	0.0	0.0	1.0	2.2	3.7	5.1	7.3	9.5	11.5
	77.5°	0.0	0.0	0.0	0.7	2.2	3.4	4.9	7.1	9.3	11.2
	80°	0.7	0.5	0.5	1.2	2.2	3.2	4.2	6.3	8.8	11.0
	82.5°	1.5	1.5	1.2	1.7	2.2	2.9	3.7	5.6	7.8	9.8
	85°	2.9	2.9	2.7	2.9	2.9	3.2	3.4	4.4	5.4	6.3
	87.5°	3.9	3.9	3.7	3.7	3.7	3.4	3.4	3.4	3.4	3.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048957

CATALOG NUMBER: GALN-SA1A-730-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
14.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1											
14.7											
13.7											
13.4											
13.2											
11.7											
7.3											
3.2											
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REPORT NUMBER: P1048957

CATALOG NUMBER: GALN-SA1A-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°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
0.0	2.5°	17.1	17.3	17.3	17.6	17.8	18.1	18.1	18.3	18.3	18.3
0.0	5°	16.9	17.3	17.6	17.8	18.1	18.3	18.6	18.8	19.0	19.0
0.0	7.5°	16.6	16.9	17.3	17.6	18.1	18.3	18.8	19.0	19.3	19.5
0.0	10°	16.1	16.6	17.1	17.6	18.1	18.6	19.0	19.5	20.0	20.3
0.0	12.5°	15.6	16.4	16.9	17.3	18.1	18.8	19.3	20.0	20.5	21.0
0.0	15°	15.4	15.9	16.6	17.1	18.1	19.0	19.8	20.8	21.7	22.5
0.0	17.5°	14.7	15.6	16.4	17.1	18.1	19.3	20.3	21.2	22.7	24.2
0.0	20°	13.7	14.4	15.4	16.1	17.6	18.8	20.3	21.5	23.7	25.9
0.0	22.5°	12.7	13.7	14.4	15.4	17.1	18.6	20.3	21.7	25.4	28.8
0.0	25°	11.7	12.9	13.9	14.9	16.9	18.8	20.8	22.7	28.8	34.9
0.0	27.5°	11.2	12.2	13.4	14.4	16.9	19.5	22.0	24.4	34.2	43.7
0.0	30°	10.5	11.7	12.7	13.9	17.1	20.3	23.4	26.6	41.5	56.4
0.0	32.5°	9.8	11.0	12.2	13.4	17.6	21.7	25.6	29.8	49.3	68.6
0.0	35°	9.0	10.5	11.7	12.9	18.3	23.9	29.3	34.7	56.4	77.9
0.0	37.5°	8.8	10.3	11.5	12.7	18.6	24.2	30.0	35.7	57.1	78.6
0.0	40°	9.0	10.3	11.7	12.9	17.8	22.7	27.4	32.2	54.7	76.9
0.0	42.5°	9.0	10.5	12.0	13.4	17.3	21.2	25.2	29.1	54.0	78.9
0.0	45°	8.8	10.3	11.7	13.2	16.9	20.3	23.9	27.4	58.4	89.1
0.0	47.5°	8.5	10.0	11.5	12.9	16.6	20.3	23.9	27.6	75.5	123.1
0.0	50°	8.5	10.0	11.2	12.5	16.9	21.5	25.9	30.3	109.9	189.3
0.0	52.5°	9.0	10.3	11.2	12.2	17.3	22.7	27.8	33.0	139.7	246.2
0.0	55°	9.8	10.5	11.5	12.2	18.6	24.7	31.0	37.1	148.7	260.3
0.0	57.5°	10.7	11.5	12.2	12.9	20.8	28.6	36.1	44.0	149.5	254.7
0.0	60°	12.0	12.9	13.7	14.4	22.7	31.3	39.6	47.9	135.3	222.5
0.0	62.5°	14.7	15.9	16.9	18.1	26.1	33.9	42.0	49.8	112.3	174.9
0.0	65°	16.9	17.8	18.8	19.8	27.6	35.7	43.5	51.3	95.2	139.2
0.0	67.5°	17.3	18.3	19.0	20.0	28.1	36.1	44.0	52.0	81.6	110.9
	70°	17.6	18.8	20.3	21.5	29.8	38.1	46.2	54.5	72.3	90.1
	72.5°	16.9	19.3	21.5	23.7	31.5	39.1	46.9	54.5	67.2	79.9
	75°	16.9	20.3	23.4	26.6	32.5	38.1	44.0	49.6	59.3	69.1
	77.5°	17.8	22.2	26.6	31.0	34.4	37.6	41.0	44.2	50.6	56.9
	80°	17.8	22.5	26.9	31.5	33.0	34.7	36.1	37.6	38.3	39.1
	82.5°	15.4	19.0	22.7	26.4	24.7	23.0	21.2	19.5	18.3	16.9
	85°	7.8	8.5	9.0	9.5	8.8	8.1	7.3	6.6	6.1	5.4
	87.5°	3.2	3.2	2.9	2.9	2.9	2.9	2.7	2.7	2.7	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

REPORT NUMBER: P1048957

CATALOG NUMBER: GALN-SA1A-730-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
14.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
188.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
237.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
361.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
553.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
697.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
712.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
643.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
550.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
429.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
324.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
239.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.7											
126.3											
91.8											
69.1											
38.8											
17.6											
5.1											
2.4											
0.0											
0.0											
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REPORT NUMBER: P1048957

CATALOG NUMBER: GALN-SA1A-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°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
0.0	2.5°	18.3	18.1	18.1	17.8	17.6	17.3	17.1	16.9	16.6	16.4
0.0	5°	19.0	19.0	19.0	18.8	18.8	18.6	18.6	18.3	18.1	17.8
0.0	7.5°	19.8	20.0	20.0	20.3	20.3	20.3	20.3	20.0	20.0	20.0
0.0	10°	21.0	21.2	21.5	21.7	22.0	22.2	22.2	22.5	22.5	22.5
0.0	12.5°	22.5	23.2	23.7	24.4	24.9	25.6	26.1	26.9	27.4	27.8
0.0	15°	24.7	25.9	27.4	28.6	29.8	31.5	33.5	35.2	36.9	39.6
0.0	17.5°	27.8	31.7	35.7	39.3	43.2	51.8	60.3	68.6	77.2	89.6
0.0	20°	33.9	45.7	57.1	68.9	80.3	110.4	140.2	170.2	200.0	232.0
0.0	22.5°	47.6	76.4	105.3	134.1	162.9	225.7	288.2	350.9	413.5	487.0
0.0	25°	69.1	122.1	175.1	227.9	280.9	379.0	477.4	575.6	673.8	769.3
0.0	27.5°	100.6	181.7	262.8	343.6	424.7	557.8	691.1	824.2	957.3	1065.3
0.0	30°	139.4	249.3	359.2	469.1	579.0	730.5	881.9	1033.0	1184.5	1302.4
0.0	32.5°	176.1	310.6	445.2	579.5	714.1	886.5	1059.2	1231.6	1404.0	1533.0
0.0	35°	200.0	362.7	525.6	688.2	850.9	1037.4	1224.0	1410.4	1596.9	1744.2
0.0	37.5°	223.9	411.8	599.3	787.1	974.7	1179.6	1384.5	1589.4	1794.3	1976.2
0.0	40°	250.8	471.1	691.1	911.4	1131.5	1374.2	1616.7	1859.5	2102.0	2358.7
0.0	42.5°	297.5	569.5	841.8	1113.9	1385.9	1707.1	2028.2	2349.1	2670.3	3036.6
0.0	45°	385.1	768.6	1152.2	1535.6	1919.1	2344.5	2770.2	3195.6	3621.0	4108.5
0.0	47.5°	599.8	1127.3	1654.6	2182.1	2709.3	3168.7	3627.9	4087.2	4546.4	5031.9
0.0	50°	917.8	1531.7	2145.7	2759.4	3373.4	3789.0	4204.4	4620.1	5035.5	5497.3
0.0	52.5°	1147.8	1787.4	2427.3	3066.9	3706.5	4081.6	4457.0	4832.1	5207.2	5638.7
0.0	55°	1165.2	1801.1	2437.3	3073.2	3709.2	4086.0	4462.8	4839.7	5216.5	5673.9
0.0	57.5°	1031.6	1662.4	2293.0	2923.8	3554.3	3983.4	4412.3	4841.4	5270.2	5764.8
0.0	60°	877.5	1508.5	2139.3	2770.4	3401.2	3895.5	4390.1	4884.4	5378.6	5841.9
0.0	62.5°	684.5	1333.7	1983.0	2632.2	3281.3	3783.2	4285.0	4786.7	5288.5	5636.1
0.0	65°	510.2	1140.5	1770.8	2400.9	3031.2	3433.2	3835.2	4236.9	4638.9	4854.1
0.0	67.5°	368.8	912.4	1455.8	1999.4	2542.8	2830.5	3118.2	3405.6	3693.3	3857.9
	70°	249.3	625.9	1002.3	1378.9	1755.2	1991.6	2228.2	2464.6	2701.0	2923.3
	72.5°	172.7	384.2	595.9	807.4	1018.9	1256.7	1494.4	1732.2	1969.9	2205.0
	75°	114.5	210.8	307.2	403.4	499.7	675.8	852.1	1028.2	1204.2	1344.4
	77.5°	81.3	110.1	139.2	168.0	196.8	229.8	263.0	296.0	329.0	379.0
	80°	38.6	42.2	45.9	49.3	53.0	65.0	76.9	88.9	100.9	113.6
	82.5°	18.3	19.8	21.2	22.5	23.9	25.2	26.4	27.6	28.8	27.6
	85°	4.9	4.9	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.9
	87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.0	1.7
	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°
14.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
264.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
560.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
864.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1173.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1420.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1662.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1891.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2158.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2615.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3402.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4595.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5517.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5959.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6070.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6131.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6259.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6305.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5983.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5069.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4022.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3145.3											
2440.2											
1484.6											
429.1											
126.3											
26.1											
4.6											
1.7											
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°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
0.0	2.5°	15.9	15.6	15.4	15.1	14.9	14.4	14.4	14.2	14.2
0.0	5°	17.3	17.1	16.9	16.6	16.6	16.4	16.1	16.1	15.9
0.0	7.5°	19.8	19.5	19.3	19.0	19.0	18.8	18.8	18.6	18.6
0.0	10°	22.7	22.7	22.7	22.7	22.7	22.5	22.5	22.5	22.2
0.0	12.5°	28.6	28.8	29.3	29.8	30.5	30.5	30.5	30.3	30.3
0.0	15°	45.2	47.9	49.8	51.8	53.5	57.4	56.9	56.2	55.7
0.0	17.5°	114.3	126.5	133.1	139.4	146.0	164.1	161.2	158.3	155.6
0.0	20°	296.2	328.2	349.5	370.7	392.2	426.2	417.9	409.6	401.2
0.0	22.5°	633.7	707.3	739.2	771.2	803.0	844.0	817.4	790.8	764.4
0.0	25°	960.0	1055.5	1109.5	1163.5	1217.2	1240.6	1205.9	1171.0	1136.3
0.0	27.5°	1281.2	1389.1	1436.7	1484.1	1531.7	1580.8	1537.8	1494.6	1451.6
0.0	30°	1538.6	1656.5	1708.1	1759.3	1810.9	1845.1	1800.6	1755.9	1711.5
0.0	32.5°	1791.1	1920.0	1976.5	2032.9	2089.0	2138.1	2083.4	2028.5	1973.8
0.0	35°	2038.5	2185.7	2263.4	2341.1	2418.7	2464.4	2399.4	2334.2	2269.3
0.0	37.5°	2340.3	2522.3	2609.2	2696.2	2783.1	2866.4	2794.8	2723.0	2651.5
0.0	40°	2872.0	3128.7	3262.0	3395.6	3528.9	3636.4	3546.0	3455.7	3365.3
0.0	42.5°	3769.3	4135.6	4327.3	4518.8	4710.5	4878.2	4783.2	4688.2	4593.2
0.0	45°	5083.4	5570.8	5804.6	6038.0	6271.8	6394.3	6257.6	6120.6	5983.8
0.0	47.5°	6002.6	6488.1	6696.2	6904.3	7112.3	7252.3	7085.0	6917.7	6750.7
0.0	50°	6420.7	6882.5	7091.3	7299.9	7508.7	7619.8	7426.7	7233.2	7040.1
0.0	52.5°	6501.6	6933.1	7182.2	7431.5	7680.6	7829.1	7601.0	7372.7	7144.6
0.0	55°	6589.0	7046.4	7335.3	7624.5	7913.4	8119.0	7861.1	7603.0	7345.1
0.0	57.5°	6753.6	7248.1	7536.3	7824.2	8112.4	8287.0	8028.4	7769.5	7510.9
0.0	60°	6768.2	7231.3	7478.9	7726.8	7974.4	8084.3	7836.9	7589.3	7341.9
0.0	62.5°	6331.3	6678.9	6850.8	7022.7	7194.6	7314.1	7055.9	6797.6	6539.4
0.0	65°	5284.6	5499.8	5636.8	5773.8	5910.8	6053.2	5816.8	5580.4	5344.0
0.0	67.5°	4187.4	4352.0	4532.4	4712.9	4893.4	5045.5	4856.3	4666.8	4477.5
	70°	3367.5	3589.5	3792.5	3995.4	4198.3	4322.9	4132.9	3942.6	3752.6
	72.5°	2675.4	2910.6	3080.1	3249.3	3418.8	3449.3	3309.6	3169.9	3030.5
	75°	1624.5	1764.7	1768.1	1771.3	1774.7	1803.8	1688.0	1572.3	1456.8
	77.5°	479.2	529.2	570.5	611.5	652.8	702.6	660.1	617.4	574.9
	80°	138.7	151.4	162.2	172.7	183.4	177.1	167.0	157.0	147.0
	82.5°	24.9	23.4	23.2	23.0	23.0	21.7	19.8	17.8	15.9
	85°	4.4	4.2	3.9	3.7	3.4	3.2	2.7	2.4	2.0
	87.5°	1.5	1.2	1.0	0.7	0.7	0.2	0.2	0.2	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048957

CATALOG NUMBER: GALN-SA1A-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°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
0.0	0.0	2.5°	13.9	13.7	13.7	13.7	13.7	13.4	13.4	13.4	13.4
0.0	0.0	5°	15.4	15.4	15.1	15.1	14.9	14.9	14.7	14.7	14.4
0.0	0.0	7.5°	18.1	17.8	17.6	17.3	17.1	16.6	16.4	16.1	16.1
0.0	0.0	10°	21.7	21.2	21.0	20.5	20.3	19.8	19.3	18.8	18.3
0.0	0.0	12.5°	28.6	27.6	26.9	25.9	24.9	24.2	23.2	22.5	21.5
0.0	0.0	15°	49.6	47.1	44.4	41.3	37.9	34.7	31.3	29.3	27.1
0.0	0.0	17.5°	126.7	114.0	101.1	90.6	80.1	69.8	59.3	51.8	44.2
0.0	0.0	20°	322.6	287.4	252.3	217.6	182.7	148.0	113.1	95.5	77.9
0.0	0.0	22.5°	607.1	541.9	476.5	413.2	349.7	286.5	223.2	183.4	143.8
0.0	0.0	25°	937.1	855.0	772.9	668.9	564.6	460.6	356.6	291.8	227.1
0.0	0.0	27.5°	1219.4	1124.9	1030.4	903.8	777.3	650.8	524.3	427.9	331.6
0.0	0.0	30°	1463.8	1362.2	1260.7	1113.4	966.1	818.9	671.6	551.0	430.3
0.0	0.0	32.5°	1675.8	1554.2	1432.6	1280.7	1128.8	976.9	825.0	677.0	529.0
0.0	0.0	35°	1920.3	1778.4	1636.3	1467.7	1299.0	1130.5	962.0	794.9	627.6
0.0	0.0	37.5°	2230.9	2056.8	1882.4	1694.6	1506.8	1319.3	1131.5	940.5	749.5
0.0	0.0	40°	2825.6	2600.9	2376.2	2137.6	1898.8	1660.2	1421.6	1187.1	952.7
0.0	0.0	42.5°	3891.1	3587.6	3284.0	2966.5	2648.8	2331.3	2013.6	1682.9	1352.0
0.0	0.0	45°	5093.6	4717.1	4340.2	3983.9	3627.4	3271.1	2914.7	2461.0	2007.2
0.0	0.0	47.5°	5769.9	5363.3	4956.6	4619.4	4282.1	3944.8	3607.6	3118.4	2629.2
0.0	0.0	50°	6018.7	5604.8	5190.8	4880.4	4569.8	4259.4	3948.8	3458.9	2968.7
0.0	0.0	52.5°	6071.7	5649.5	5227.2	4914.9	4602.5	4290.4	3978.1	3491.3	3004.6
0.0	0.0	55°	6180.7	5727.6	5274.4	4918.3	4562.2	4206.2	3850.1	3355.5	2861.0
0.0	0.0	57.5°	6323.0	5858.5	5394.0	4988.4	4582.7	4177.3	3771.7	3231.0	2690.3
0.0	0.0	60°	6285.7	5881.5	5477.1	5042.6	4607.9	4173.4	3738.7	3144.1	2549.1
0.0	0.0	62.5°	5637.0	5315.2	4993.0	4635.7	4278.2	3920.9	3563.6	2951.4	2339.1
0.0	0.0	65°	4637.4	4402.5	4167.6	3880.1	3592.4	3305.0	3017.6	2468.6	1919.8
0.0	0.0	67.5°	3758.5	3493.8	3228.8	2999.7	2770.4	2541.3	2312.0	1880.0	1448.0
		70°	2986.0	2698.1	2409.9	2186.2	1962.3	1738.6	1514.9	1227.7	940.7
		72.5°	2371.4	2111.7	1852.1	1613.5	1374.7	1136.1	897.3	727.5	557.8
		75°	1133.4	1029.6	925.8	801.0	676.2	551.4	426.6	352.7	278.9
		77.5°	420.1	364.1	308.0	257.2	206.4	155.8	105.0	96.2	87.4
		80°	108.7	94.8	80.6	70.6	60.3	50.3	40.3	36.4	32.7
		82.5°	12.5	11.5	10.7	10.3	9.5	9.0	8.3	7.6	6.8
		85°	0.7	0.5	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: P1048957

CATALOG NUMBER: GALN-SA1A-730-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	14.2	14.2
0.0	0.0	2.5°	13.2	12.9
0.0	0.0	5°	13.9	13.7
0.0	0.0	7.5°	15.4	14.9
0.0	0.0	10°	16.9	16.4
0.0	0.0	12.5°	19.0	18.3
0.0	0.0	15°	21.5	20.0
0.0	0.0	17.5°	25.6	22.5
0.0	0.0	20°	34.7	26.6
0.0	0.0	22.5°	48.8	33.2
0.0	0.0	25°	71.8	45.9
0.0	0.0	27.5°	99.9	61.1
0.0	0.0	30°	132.9	76.4
0.0	0.0	32.5°	161.9	91.1
0.0	0.0	35°	199.8	106.0
0.0	0.0	37.5°	246.4	125.0
0.0	0.0	40°	318.7	153.9
0.0	0.0	42.5°	448.9	207.1
0.0	0.0	45°	729.0	358.0
0.0	0.0	47.5°	1121.7	592.2
0.0	0.0	50°	1372.3	755.9
0.0	0.0	52.5°	1392.8	754.6
0.0	0.0	55°	1271.4	670.9
0.0	0.0	57.5°	1084.8	560.7
0.0	0.0	60°	901.7	443.5
0.0	0.0	62.5°	710.4	306.2
0.0	0.0	65°	519.2	216.6
0.0	0.0	67.5°	372.9	161.9
		70°	245.2	124.1
		72.5°	159.7	101.1
		75°	107.5	83.8
		77.5°	62.8	55.7
		80°	22.2	19.5
		82.5°	4.2	2.9
		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: P1048957

CATALOG NUMBER: GALN-SA1A-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

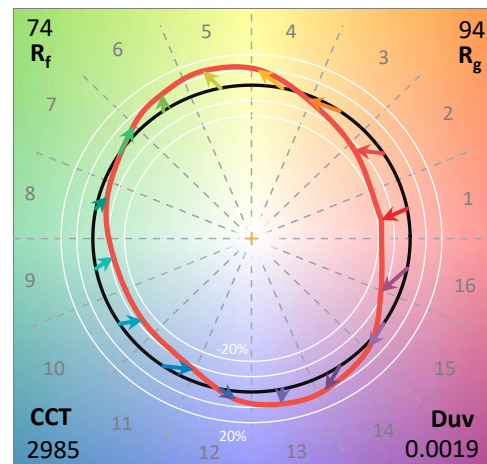
Test Information

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

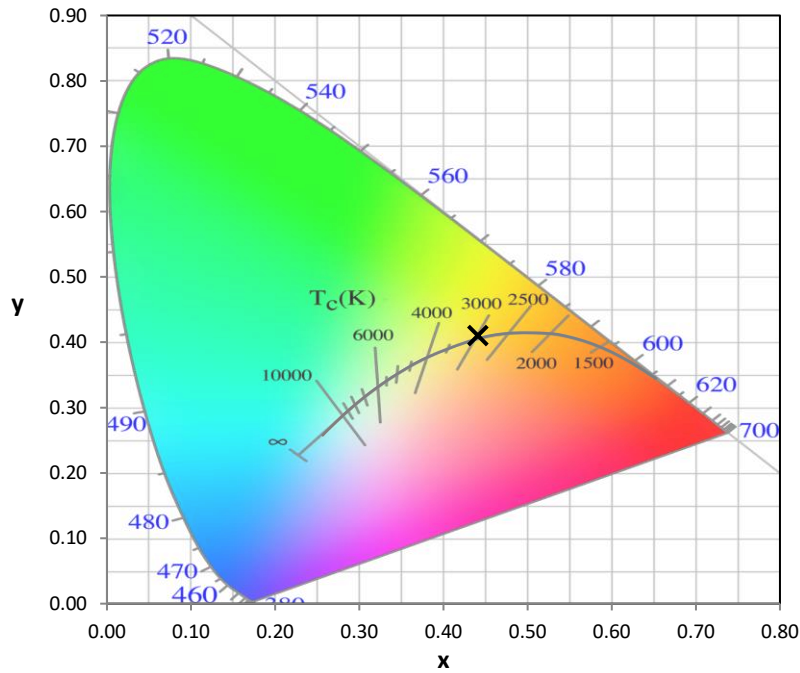
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

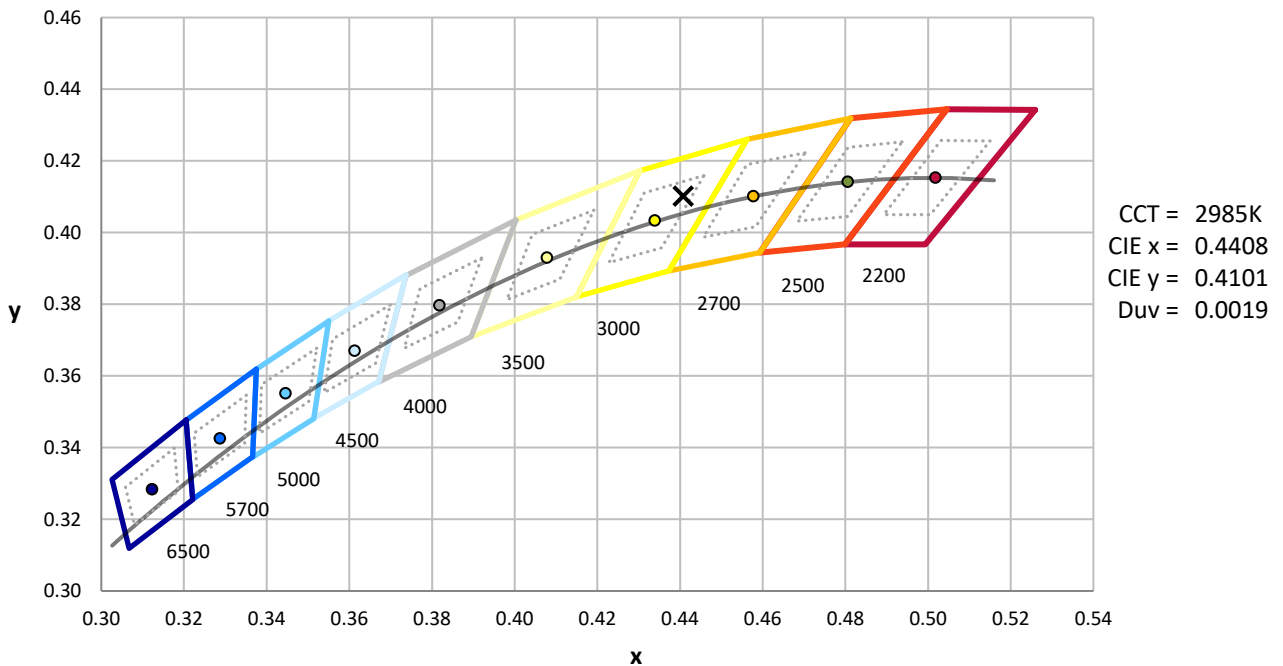
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



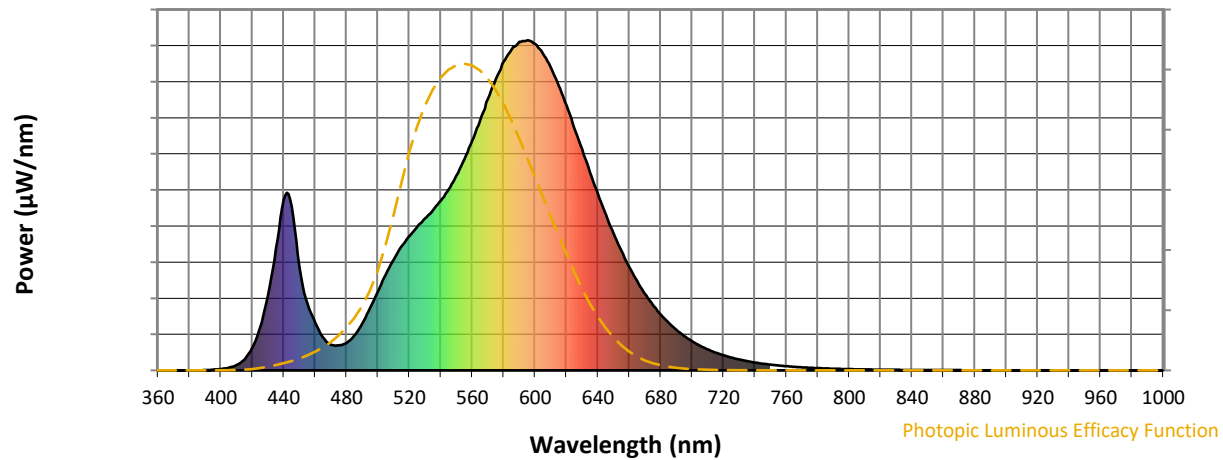
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

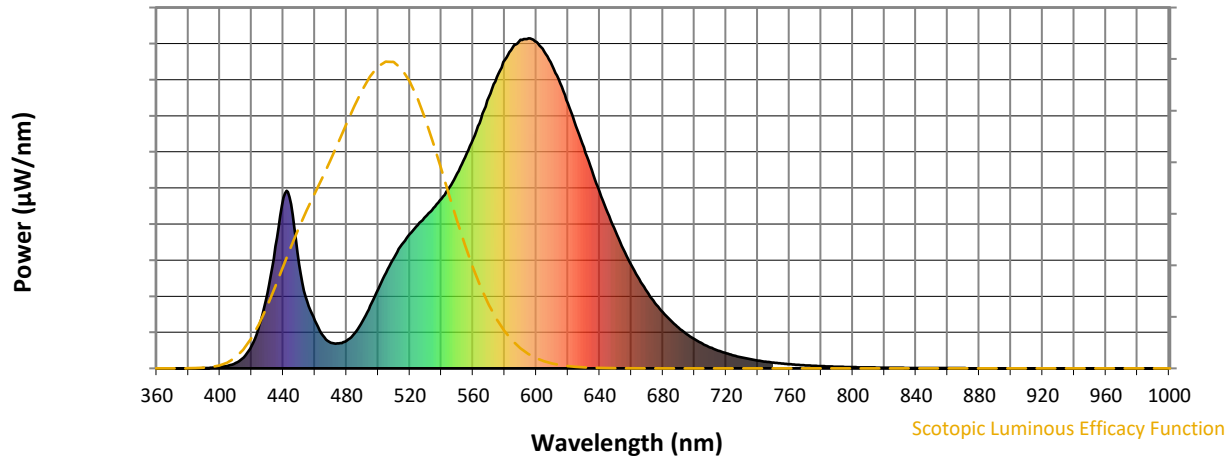


Photopic Lumens: NR

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



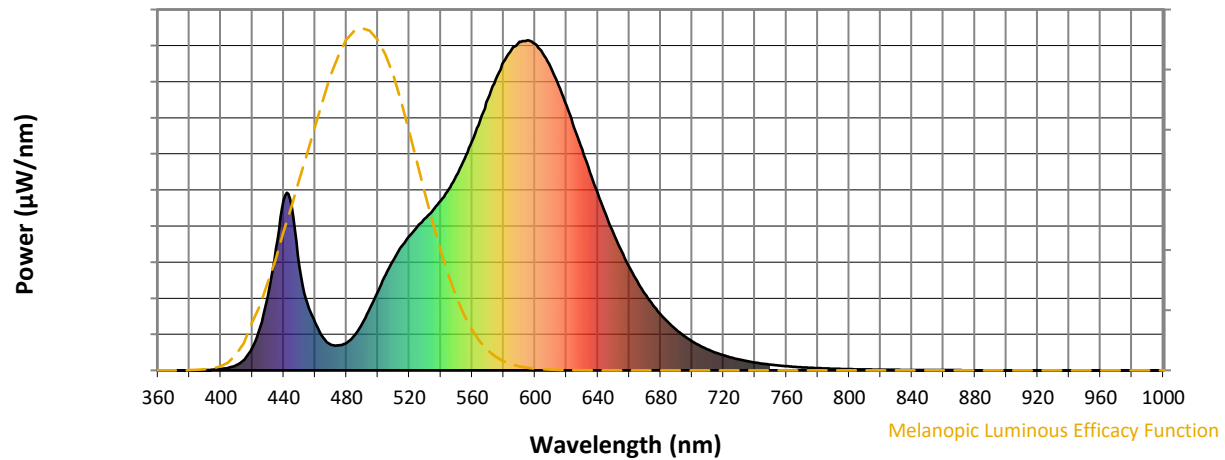
Scotopic Lumens: NR

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

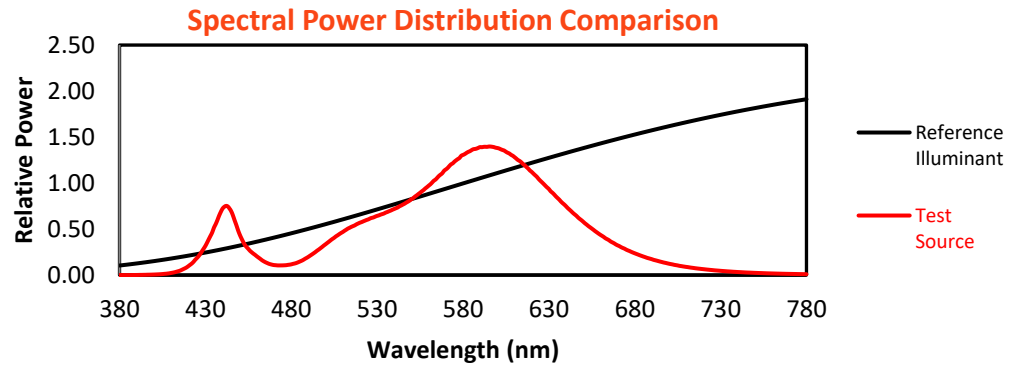
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803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

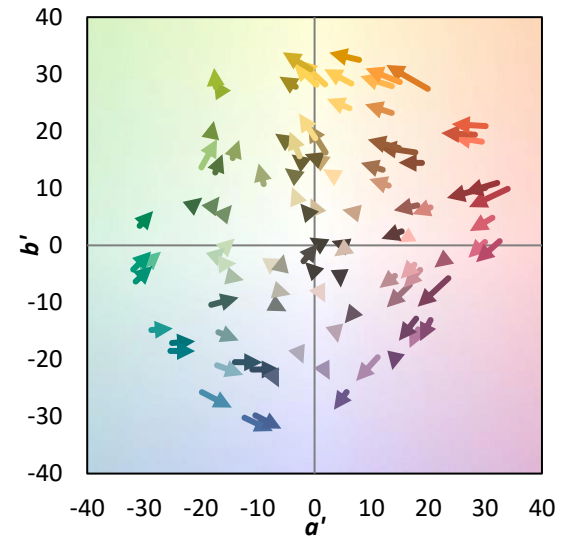
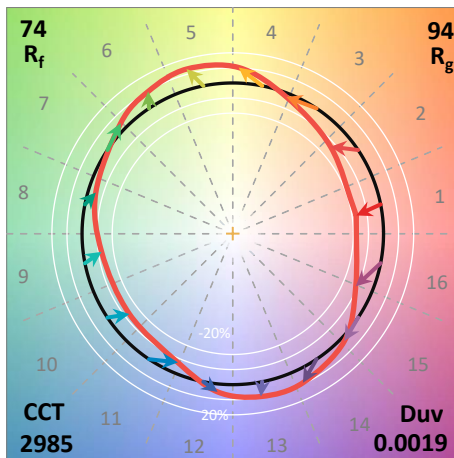
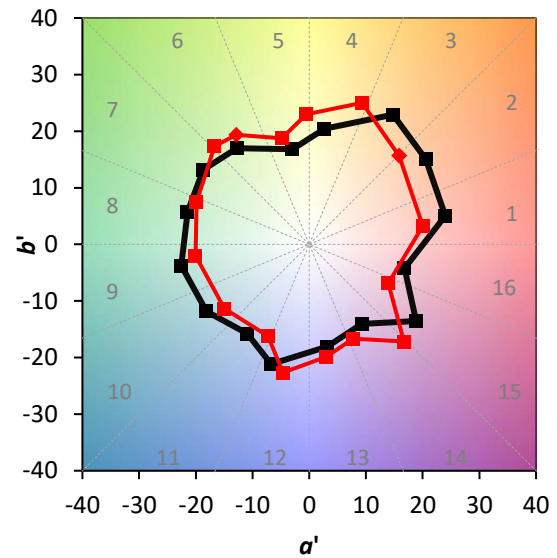
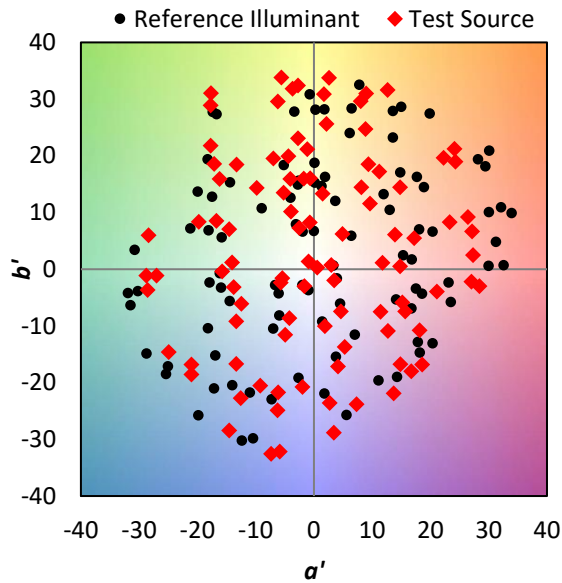
TM-30-18

Summary

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

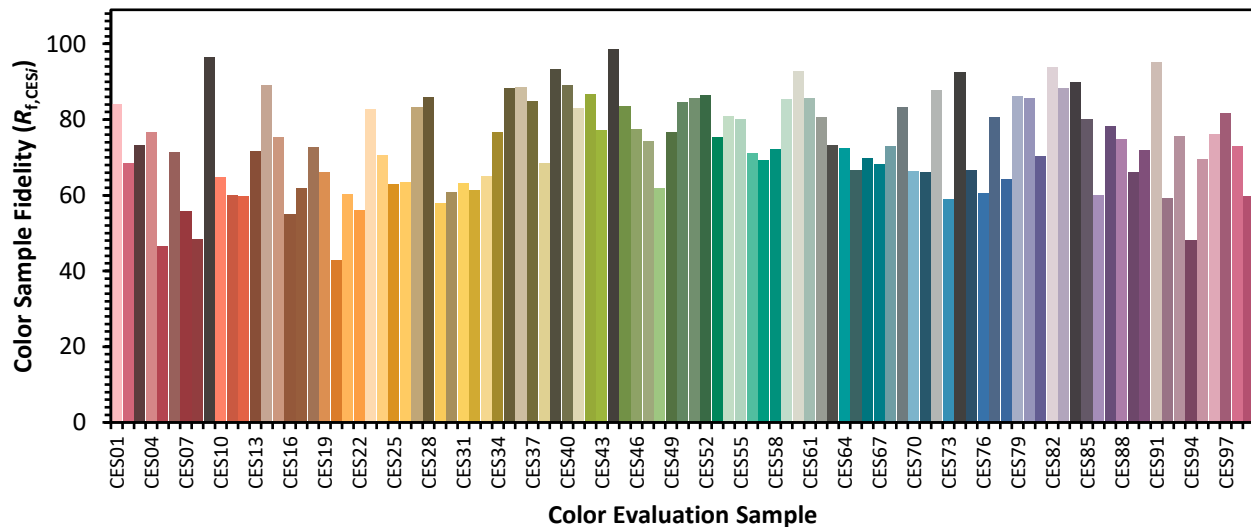


Color Vector Graphics

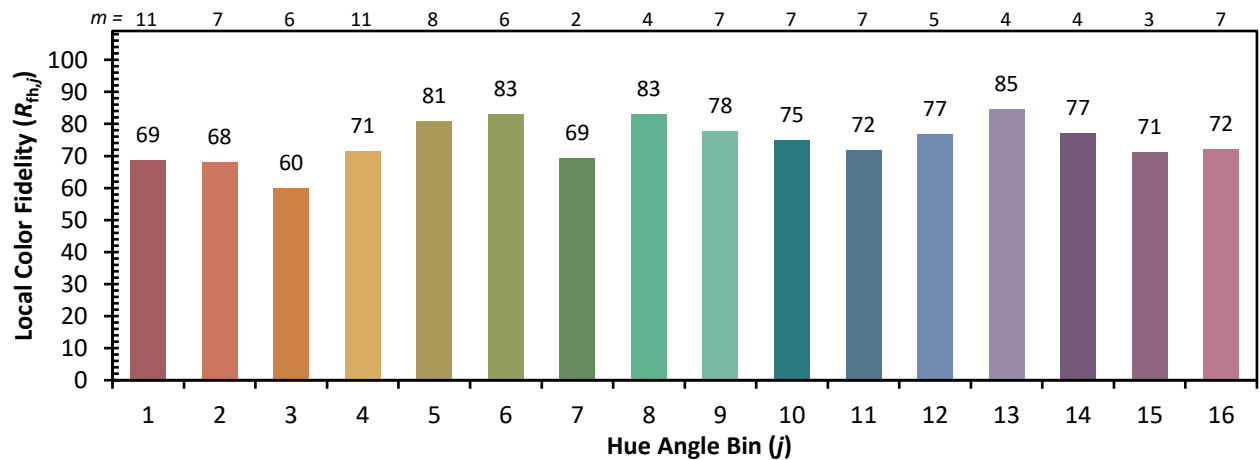
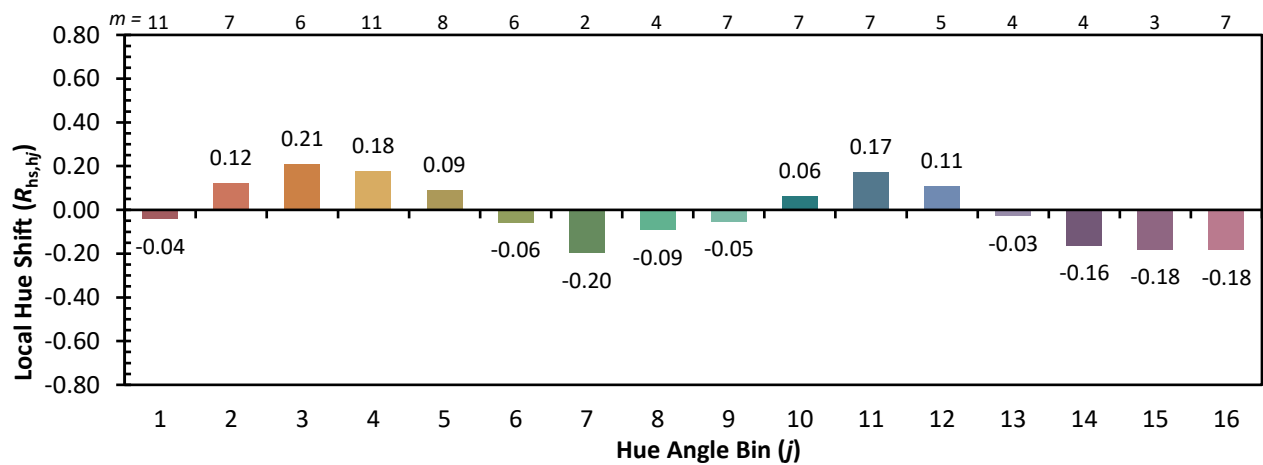
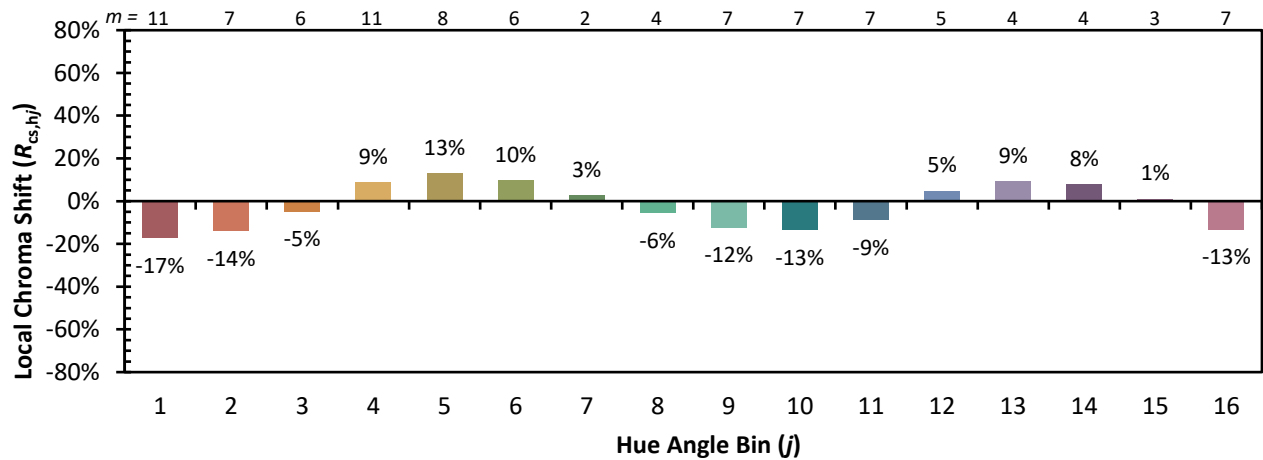


Individual Sample Fidelity Index ($R_{f,i}$)

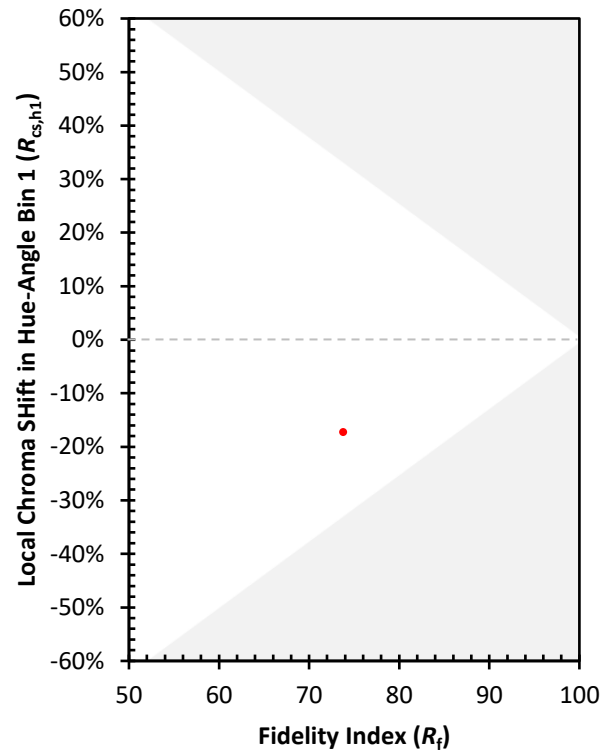
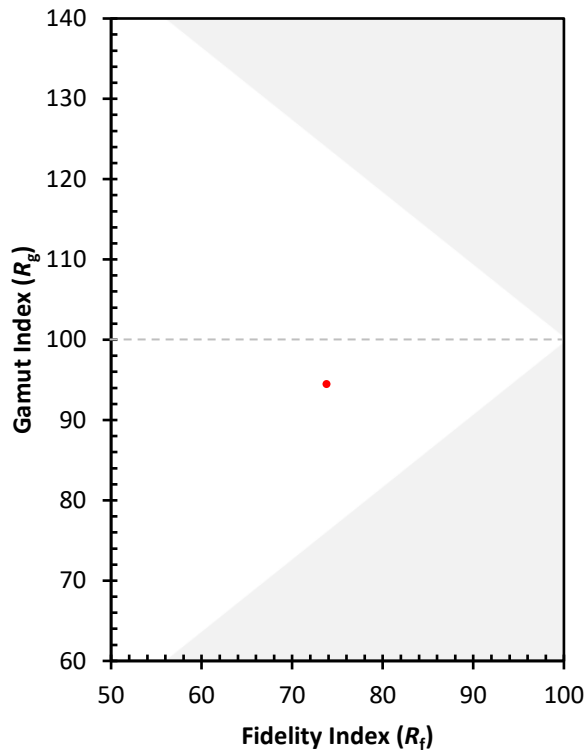
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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