

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: P1049007

Luminaire Tested: **GALN-SA4C-735-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049007
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4C-735-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
70CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20176 lumens
Efficiency: N/A
Efficacy: 106.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

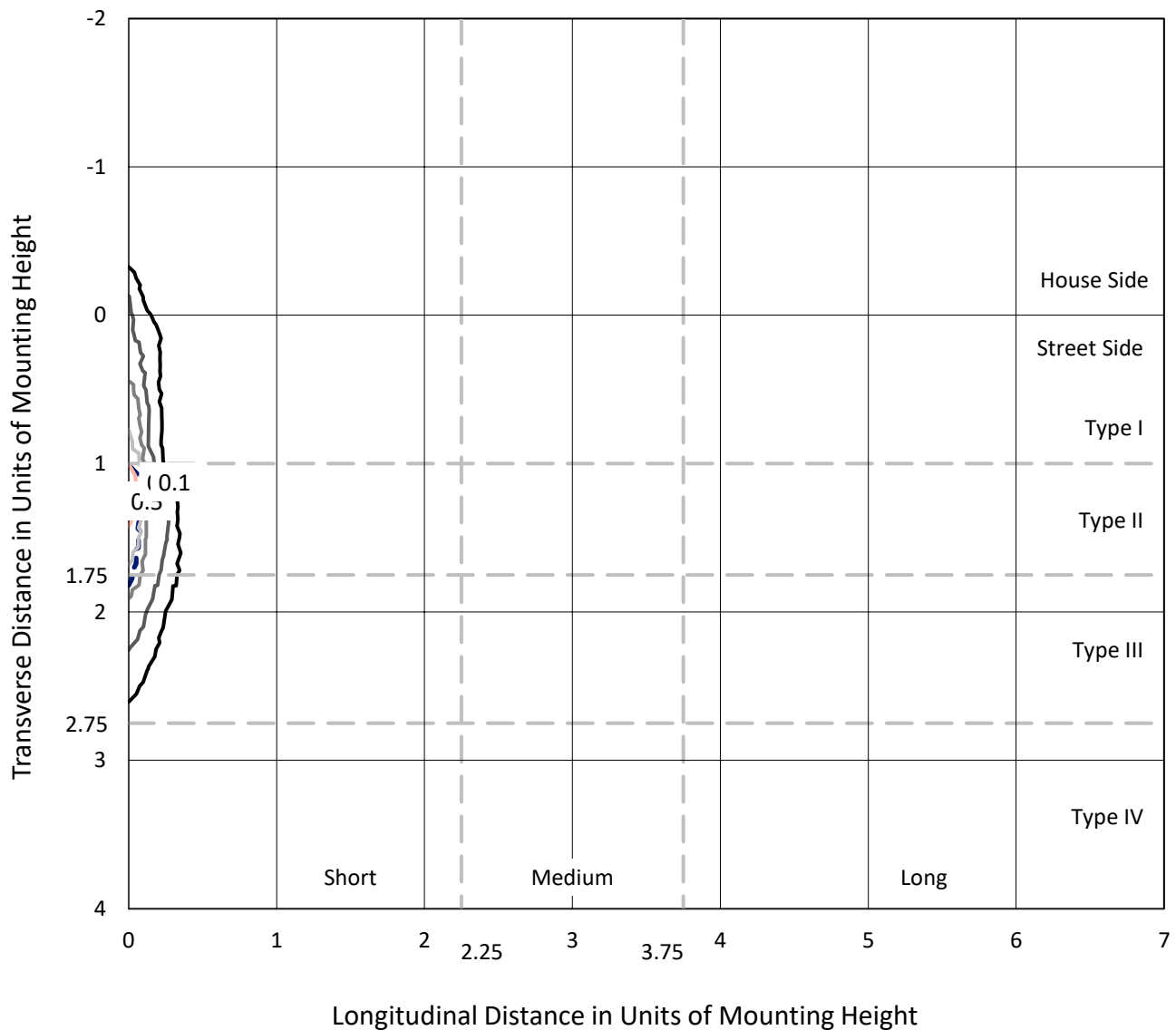
Input Watts (W): 190.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

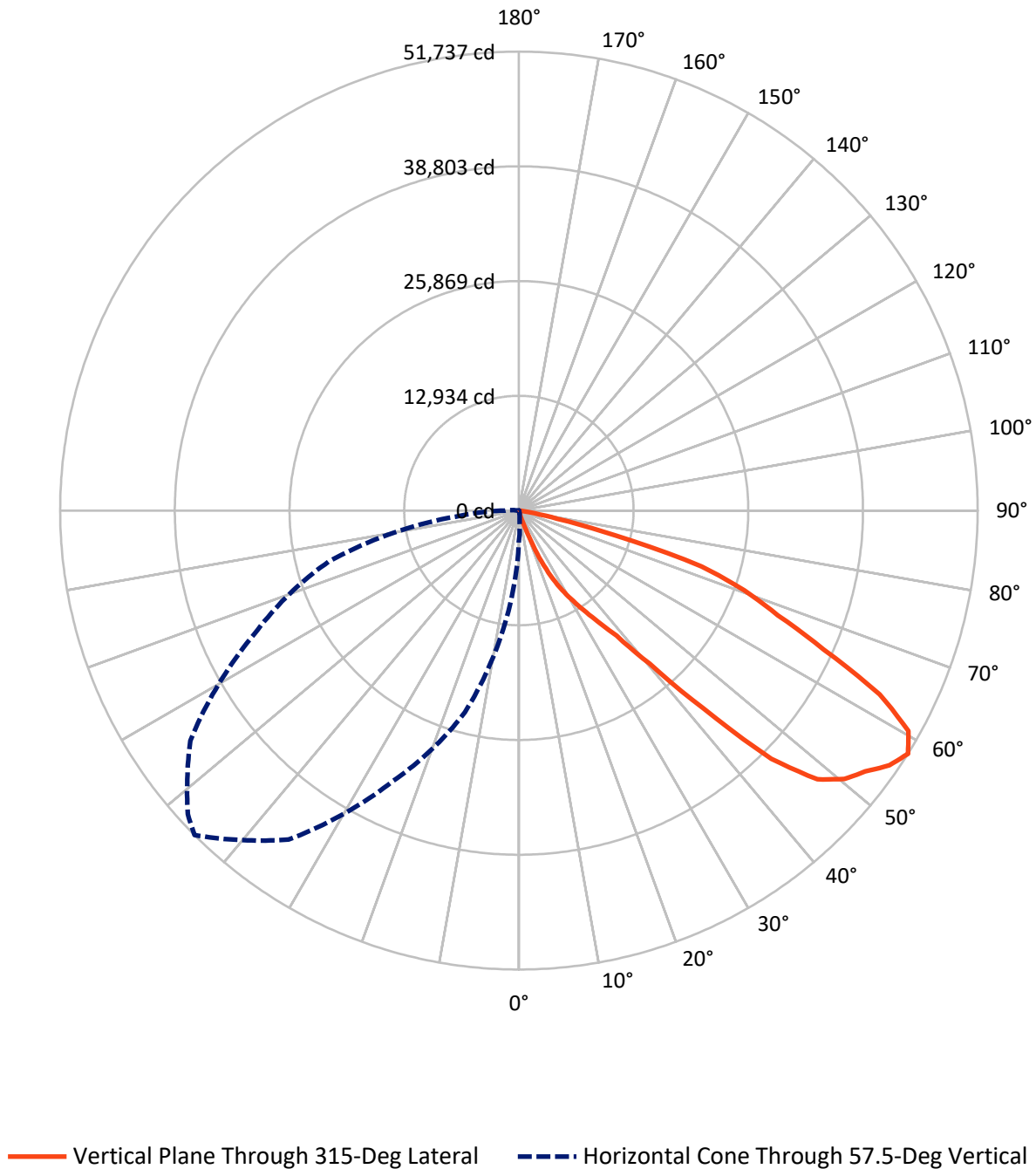
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	101.0	0.0	101.0
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	20074.9	0.0	20074.9
	% Fixture	99.5	0.0	99.5
Total	Lumens	20176.0	0.0	20176.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.9	0.0
10°-20°	44.3	0.2
20°-30°	478.1	2.4
30°-40°	1413.9	7.0
40°-50°	4214.0	20.9
50°-60°	6681.8	33.1
60°-70°	5577.7	27.6
70°-80°	1719.9	8.5
80°-90°	38.2	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°	20176.0	100.0
0°-180°	20176.0	100.0

Coefficient of Utilization



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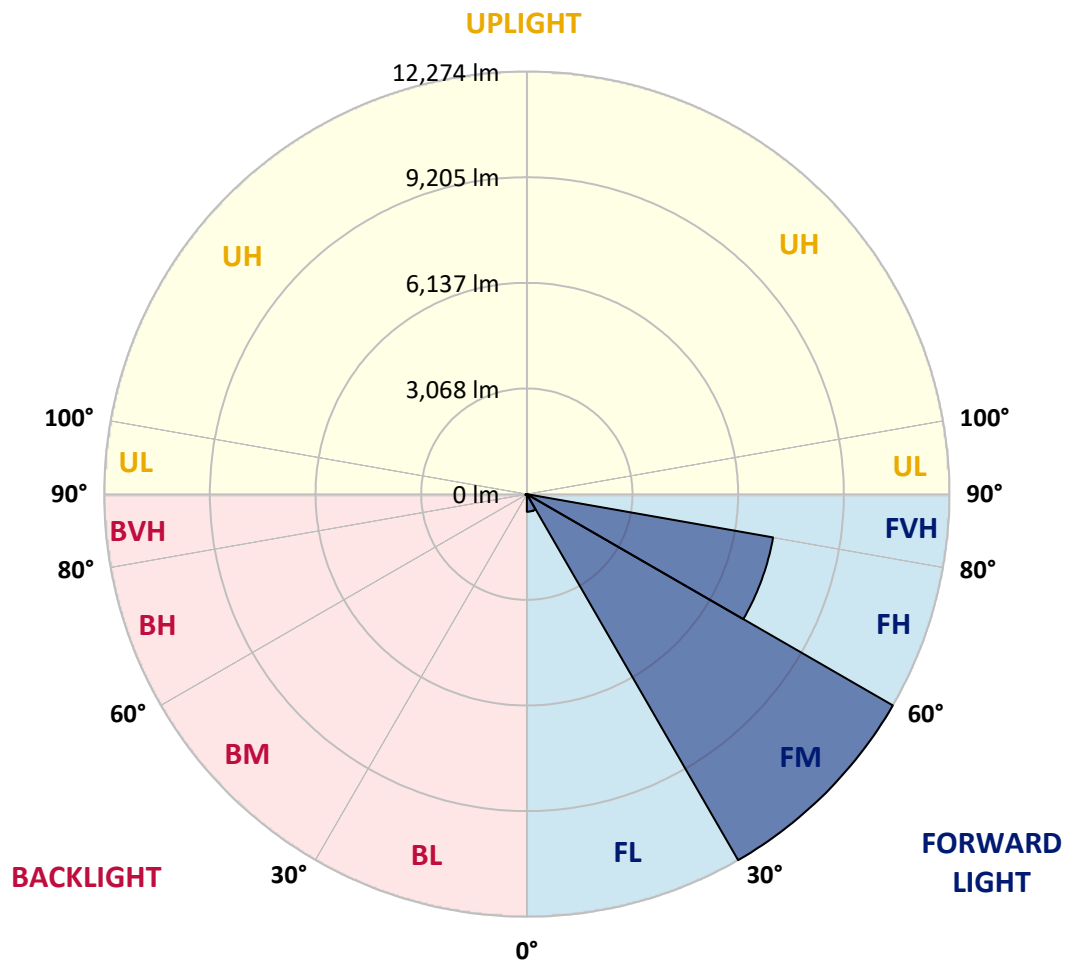
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	511.8	2.5			
FM	(30°-60°)	12273.6	60.8			
FH	(60°-80°)	7260.0	36.0			G3/7500
FVH	(80°-90°)	29.6	0.1			G1/100
BL	(0°-30°)	18.6	0.1	B0/110		
BM	(30°-60°)	36.1	0.2	B0/220		
BH	(60°-80°)	37.7	0.2	B0/110		G0/110
BVH	(80°-90°)	8.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
2.5°	80.8	80.8	80.8	80.8	79.3	79.3	77.8	77.8	76.2	76.2
5°	85.4	85.4	83.9	82.3	82.3	80.8	79.3	77.8	77.8	76.2
7.5°	93.0	91.5	90.0	88.4	85.4	83.9	80.8	79.3	77.8	74.7
10°	102.2	99.1	96.1	93.0	90.0	86.9	83.9	82.3	79.3	77.8
12.5°	114.4	109.8	103.7	99.1	96.1	91.5	88.4	85.4	80.8	77.8
15°	125.0	118.9	111.3	105.2	100.6	94.5	90.0	85.4	82.3	77.8
17.5°	140.3	129.6	117.4	109.8	103.7	96.1	88.4	83.9	79.3	73.2
20°	166.2	144.8	122.0	112.8	103.7	94.5	85.4	79.3	74.7	68.6
22.5°	207.4	170.8	134.2	120.4	108.3	94.5	82.3	76.2	70.1	64.0
25°	286.6	221.1	155.5	137.2	118.9	100.6	82.3	74.7	68.6	61.0
27.5°	381.2	283.6	184.5	158.6	134.2	108.3	82.3	73.2	65.6	56.4
30°	477.2	347.6	216.5	183.0	149.4	115.9	82.3	71.7	62.5	51.8
32.5°	568.7	407.1	243.9	204.3	164.7	123.5	83.9	71.7	59.5	47.3
35°	661.7	455.9	248.5	207.4	166.2	123.5	82.3	68.6	56.4	42.7
37.5°	780.6	510.8	239.4	198.2	158.6	117.4	77.8	65.6	53.4	39.6
40°	960.5	602.2	243.9	201.3	158.6	115.9	73.2	61.0	50.3	38.1
42.5°	1292.9	779.1	263.8	215.0	166.2	115.9	67.1	56.4	47.3	36.6
45°	2235.2	1294.5	353.7	280.5	207.4	134.2	61.0	51.8	44.2	35.1
47.5°	3697.3	2166.6	635.8	490.9	347.6	202.8	59.5	51.8	44.2	35.1
50°	4718.9	2759.7	800.5	616.0	431.5	247.0	62.5	53.4	45.7	36.6
52.5°	4711.3	2802.4	891.9	684.6	478.7	271.4	65.6	56.4	48.8	39.6
55°	4188.3	2549.3	908.7	698.3	489.4	279.0	70.1	61.0	51.8	42.7
57.5°	3500.7	2165.0	829.4	641.9	455.9	268.3	80.8	70.1	61.0	50.3
60°	2768.8	1707.6	646.5	510.8	376.6	240.9	106.7	93.0	80.8	67.1
62.5°	1911.9	1238.0	564.1	452.8	343.1	231.8	122.0	108.3	96.1	82.3
65°	1352.4	931.6	509.2	414.7	321.7	227.2	132.6	117.4	103.7	88.4
67.5°	1010.9	741.0	469.6	388.8	308.0	227.2	146.4	128.1	111.3	93.0
70°	774.5	608.3	440.6	375.1	311.0	245.5	179.9	154.0	129.6	103.7
72.5°	631.2	519.9	407.1	359.8	312.6	265.3	218.0	184.5	150.9	115.9
75°	523.0	445.2	367.4	327.8	289.7	250.0	210.4	179.9	150.9	120.4
77.5°	347.6	317.1	285.1	262.2	239.4	215.0	192.1	166.2	141.8	115.9
80°	122.0	117.4	112.8	122.0	131.1	140.3	149.4	131.1	114.4	96.1
82.5°	18.3	16.8	15.2	16.8	18.3	19.8	21.3	22.9	24.4	25.9
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°	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
0.0	2.5°	74.7	74.7	73.2	73.2	73.2	71.7	71.7	70.1	70.1	70.1
0.0	5°	73.2	73.2	71.7	70.1	68.6	68.6	67.1	65.6	65.6	64.0
0.0	7.5°	71.7	70.1	68.6	67.1	65.6	64.0	62.5	61.0	61.0	59.5
0.0	10°	73.2	70.1	68.6	65.6	64.0	62.5	59.5	57.9	56.4	56.4
0.0	12.5°	70.1	68.6	65.6	62.5	61.0	57.9	56.4	53.4	51.8	51.8
0.0	15°	70.1	67.1	62.5	59.5	56.4	54.9	51.8	48.8	47.3	45.7
0.0	17.5°	65.6	62.5	57.9	54.9	51.8	48.8	45.7	42.7	41.2	39.6
0.0	20°	59.5	56.4	51.8	47.3	44.2	41.2	38.1	35.1	33.5	32.0
0.0	22.5°	53.4	50.3	45.7	41.2	38.1	35.1	30.5	27.4	25.9	22.9
0.0	25°	50.3	45.7	41.2	36.6	32.0	29.0	24.4	19.8	16.8	13.7
0.0	27.5°	42.7	38.1	33.5	29.0	24.4	19.8	15.2	10.7	7.6	6.1
0.0	30°	36.6	32.0	27.4	22.9	16.8	12.2	7.6	1.5	1.5	1.5
0.0	32.5°	30.5	25.9	19.8	15.2	12.2	7.6	4.6	0.0	0.0	0.0
0.0	35°	24.4	19.8	13.7	9.1	7.6	4.6	3.0	0.0	0.0	0.0
0.0	37.5°	21.3	16.8	10.7	4.6	3.0	3.0	1.5	0.0	0.0	0.0
0.0	40°	19.8	13.7	7.6	1.5	1.5	1.5	0.0	0.0	0.0	0.0
0.0	42.5°	19.8	13.7	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	19.8	13.7	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	19.8	13.7	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	21.3	15.2	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	24.4	18.3	12.2	6.1	4.6	3.0	1.5	0.0	0.0	0.0
0.0	55°	30.5	27.4	22.9	19.8	15.2	10.7	4.6	0.0	0.0	0.0
0.0	57.5°	39.6	39.6	38.1	36.6	27.4	18.3	9.1	0.0	0.0	0.0
0.0	60°	53.4	53.4	53.4	53.4	39.6	27.4	13.7	0.0	0.0	0.0
0.0	62.5°	65.6	62.5	57.9	54.9	41.2	27.4	13.7	0.0	0.0	0.0
0.0	65°	65.6	59.5	51.8	44.2	33.5	22.9	10.7	0.0	0.0	0.0
0.0	67.5°	61.0	48.8	35.1	22.9	16.8	12.2	6.1	0.0	0.0	0.0
	70°	61.0	42.7	24.4	6.1	4.6	3.0	1.5	0.0	0.0	0.0
	72.5°	61.0	41.2	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	67.1	45.7	22.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	67.1	45.7	22.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	59.5	39.6	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	19.8	13.7	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
0.0	2.5°	68.6	68.6	68.6	67.1	67.1	67.1	67.1	65.6	65.6	65.6
0.0	5°	62.5	62.5	61.0	61.0	59.5	59.5	57.9	57.9	56.4	56.4
0.0	7.5°	57.9	56.4	56.4	54.9	53.4	53.4	51.8	51.8	50.3	48.8
0.0	10°	53.4	51.8	51.8	50.3	48.8	47.3	47.3	45.7	44.2	42.7
0.0	12.5°	48.8	47.3	45.7	44.2	42.7	41.2	41.2	39.6	38.1	36.6
0.0	15°	42.7	41.2	39.6	38.1	36.6	35.1	35.1	33.5	32.0	30.5
0.0	17.5°	36.6	35.1	35.1	33.5	32.0	30.5	29.0	25.9	24.4	22.9
0.0	20°	27.4	25.9	24.4	22.9	21.3	18.3	16.8	13.7	10.7	9.1
0.0	22.5°	18.3	15.2	13.7	10.7	7.6	6.1	4.6	1.5	0.0	0.0
0.0	25°	6.1	4.6	3.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA4C-735-U-RBC

[illegible]



REPORT NUMBER: P1049007

CATALOG NUMBER: GALN-SA4C-735-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
0.0	2.5°	64.0	64.0	64.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5
0.0	5°	54.9	54.9	54.9	53.4	53.4	51.8	51.8	51.8	50.3	50.3
0.0	7.5°	47.3	45.7	45.7	44.2	44.2	42.7	42.7	42.7	41.2	41.2
0.0	10°	39.6	38.1	38.1	36.6	36.6	35.1	35.1	33.5	33.5	32.0
0.0	12.5°	35.1	33.5	32.0	30.5	30.5	29.0	27.4	27.4	25.9	24.4
0.0	15°	27.4	25.9	24.4	22.9	21.3	19.8	18.3	18.3	16.8	15.2
0.0	17.5°	18.3	15.2	13.7	12.2	12.2	10.7	9.1	7.6	6.1	4.6
0.0	20°	4.6	3.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA4C-735-U-RBC

[illegible]

REPORT NUMBER: P1049007

CATALOG NUMBER: GALN-SA4C-735-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°	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
0.0	2.5°	62.5	61.0	61.0	61.0	62.5	62.5	62.5	62.5	62.5	62.5
0.0	5°	50.3	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
0.0	7.5°	41.2	39.6	39.6	39.6	39.6	38.1	38.1	38.1	38.1	38.1
0.0	10°	32.0	30.5	30.5	30.5	30.5	29.0	29.0	29.0	29.0	29.0
0.0	12.5°	22.9	22.9	21.3	21.3	21.3	19.8	19.8	19.8	19.8	18.3
0.0	15°	13.7	12.2	10.7	10.7	10.7	9.1	9.1	9.1	9.1	7.6
0.0	17.5°	3.0	3.0	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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-SA4C-735-U-RBC

[illegible]

REPORT NUMBER: P1049007

CATALOG NUMBER: GALN-SA4C-735-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
0.0	2.5°	64.0	64.0	65.6	65.6	67.1	70.1	71.7	73.2	76.2	79.3
0.0	5°	50.3	51.8	51.8	53.4	54.9	56.4	57.9	59.5	62.5	65.6
0.0	7.5°	39.6	39.6	41.2	41.2	42.7	45.7	47.3	48.8	51.8	56.4
0.0	10°	30.5	30.5	32.0	32.0	33.5	36.6	38.1	39.6	42.7	47.3
0.0	12.5°	19.8	21.3	21.3	22.9	24.4	27.4	29.0	30.5	33.5	36.6
0.0	15°	9.1	10.7	10.7	12.2	13.7	16.8	18.3	19.8	22.9	27.4
0.0	17.5°	1.5	1.5	3.0	3.0	4.6	6.1	7.6	9.1	13.7	16.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.1
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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-SA4C-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049007

CATALOG NUMBER: GALN-SA4C-735-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°	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
0.0	2.5°	83.9	86.9	90.0	93.0	96.1	99.1	100.6	103.7	105.2	106.7
0.0	5°	71.7	74.7	79.3	82.3	85.4	88.4	91.5	93.0	94.5	96.1
0.0	7.5°	62.5	65.6	70.1	73.2	76.2	79.3	82.3	85.4	86.9	88.4
0.0	10°	53.4	57.9	61.0	65.6	68.6	71.7	74.7	77.8	80.8	82.3
0.0	12.5°	42.7	47.3	51.8	54.9	59.5	64.0	67.1	70.1	73.2	76.2
0.0	15°	33.5	38.1	42.7	45.7	50.3	54.9	59.5	62.5	65.6	68.6
0.0	17.5°	24.4	29.0	33.5	36.6	41.2	45.7	48.8	53.4	56.4	59.5
0.0	20°	12.2	16.8	21.3	25.9	30.5	35.1	38.1	42.7	45.7	48.8
0.0	22.5°	1.5	6.1	10.7	13.7	18.3	22.9	25.9	30.5	33.5	36.6
0.0	25°	0.0	1.5	4.6	6.1	7.6	10.7	13.7	16.8	19.8	22.9
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.5	3.0	6.1	9.1	12.2
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
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	1.5
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	3.0
	85°	0.0	0.0	0.0	0.0	0.0	3.0	4.6	7.6	9.1	10.7
	87.5°	0.0	1.5	3.0	4.6	6.1	9.1	12.2	15.2	16.8	18.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049007

CATALOG NUMBER: GALN-SA4C-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
88.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.5											
6.1											
13.7											
19.8											
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REPORT NUMBER: P1049007

CATALOG NUMBER: GALN-SA4C-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
0.0	2.5°	108.3	108.3	108.3	108.3	106.7	106.7	106.7	105.2	105.2	103.7
0.0	5°	99.1	100.6	100.6	100.6	100.6	100.6	100.6	100.6	99.1	99.1
0.0	7.5°	91.5	93.0	94.5	94.5	96.1	96.1	96.1	94.5	94.5	93.0
0.0	10°	86.9	88.4	88.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0
0.0	12.5°	80.8	82.3	83.9	83.9	85.4	85.4	85.4	85.4	83.9	83.9
0.0	15°	73.2	76.2	77.8	79.3	79.3	80.8	80.8	80.8	80.8	80.8
0.0	17.5°	67.1	70.1	71.7	73.2	73.2	74.7	74.7	76.2	76.2	76.2
0.0	20°	54.9	57.9	59.5	62.5	64.0	65.6	67.1	68.6	68.6	70.1
0.0	22.5°	42.7	45.7	47.3	50.3	51.8	53.4	54.9	56.4	57.9	59.5
0.0	25°	30.5	33.5	35.1	38.1	39.6	41.2	42.7	44.2	44.2	45.7
0.0	27.5°	16.8	19.8	22.9	24.4	27.4	29.0	30.5	32.0	33.5	35.1
0.0	30°	7.6	9.1	10.7	13.7	15.2	16.8	18.3	21.3	22.9	24.4
0.0	32.5°	0.0	0.0	1.5	4.6	6.1	7.6	9.1	10.7	10.7	12.2
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.0	4.6	6.1
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°	3.0	3.0	3.0	4.6	4.6	4.6	4.6	4.6	4.6	4.6
	82.5°	7.6	9.1	10.7	10.7	12.2	12.2	12.2	12.2	10.7	10.7
	85°	15.2	16.8	18.3	18.3	19.8	19.8	19.8	19.8	19.8	19.8
	87.5°	21.3	22.9	24.4	24.4	25.9	25.9	25.9	25.9	25.9	25.9
	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: P1049007

CATALOG NUMBER: GALN-SA4C-735-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
88.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
4.6											
10.7											
19.8											
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REPORT NUMBER: P1049007

CATALOG NUMBER: GALN-SA4C-735-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°	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
0.0	2.5°	102.2	102.2	100.6	100.6	100.6	100.6	100.6	102.2	103.7	103.7
0.0	5°	97.6	97.6	96.1	96.1	96.1	97.6	97.6	99.1	100.6	102.2
0.0	7.5°	93.0	91.5	91.5	93.0	93.0	94.5	94.5	96.1	97.6	99.1
0.0	10°	90.0	88.4	88.4	88.4	90.0	90.0	91.5	93.0	94.5	96.1
0.0	12.5°	83.9	83.9	83.9	83.9	85.4	85.4	86.9	88.4	91.5	93.0
0.0	15°	80.8	79.3	79.3	79.3	79.3	80.8	80.8	83.9	86.9	88.4
0.0	17.5°	74.7	74.7	73.2	73.2	74.7	74.7	76.2	79.3	82.3	83.9
0.0	20°	68.6	67.1	65.6	65.6	67.1	67.1	68.6	71.7	74.7	76.2
0.0	22.5°	59.5	57.9	57.9	57.9	57.9	59.5	59.5	62.5	67.1	70.1
0.0	25°	47.3	48.8	48.8	50.3	50.3	51.8	53.4	56.4	61.0	64.0
0.0	27.5°	36.6	38.1	38.1	41.2	42.7	44.2	45.7	50.3	54.9	57.9
0.0	30°	27.4	29.0	30.5	32.0	35.1	38.1	41.2	45.7	50.3	53.4
0.0	32.5°	16.8	19.8	21.3	24.4	27.4	30.5	33.5	38.1	44.2	48.8
0.0	35°	12.2	13.7	16.8	18.3	21.3	24.4	27.4	33.5	38.1	44.2
0.0	37.5°	6.1	9.1	12.2	15.2	18.3	21.3	24.4	30.5	36.6	41.2
0.0	40°	4.6	7.6	9.1	12.2	16.8	19.8	22.9	29.0	35.1	41.2
0.0	42.5°	3.0	4.6	6.1	10.7	13.7	18.3	22.9	29.0	35.1	41.2
0.0	45°	3.0	3.0	4.6	9.1	13.7	19.8	24.4	30.5	35.1	41.2
0.0	47.5°	3.0	4.6	6.1	12.2	15.2	19.8	24.4	29.0	35.1	39.6
0.0	50°	4.6	6.1	7.6	13.7	16.8	21.3	24.4	30.5	35.1	41.2
0.0	52.5°	3.0	4.6	6.1	12.2	16.8	22.9	27.4	33.5	39.6	44.2
0.0	55°	1.5	1.5	1.5	9.1	18.3	25.9	35.1	39.6	45.7	50.3
0.0	57.5°	0.0	0.0	0.0	6.1	18.3	29.0	39.6	45.7	51.8	56.4
0.0	60°	0.0	0.0	0.0	6.1	18.3	29.0	39.6	47.3	54.9	62.5
0.0	62.5°	0.0	0.0	0.0	6.1	15.2	24.4	33.5	45.7	59.5	71.7
0.0	65°	0.0	0.0	0.0	4.6	12.2	19.8	27.4	45.7	64.0	80.8
0.0	67.5°	0.0	0.0	0.0	4.6	12.2	18.3	25.9	45.7	64.0	83.9
	70°	0.0	0.0	0.0	4.6	12.2	19.8	27.4	45.7	64.0	82.3
	72.5°	0.0	0.0	0.0	4.6	13.7	21.3	30.5	45.7	61.0	76.2
	75°	0.0	0.0	0.0	6.1	13.7	22.9	32.0	45.7	59.5	71.7
	77.5°	0.0	0.0	0.0	4.6	13.7	21.3	30.5	44.2	57.9	70.1
	80°	4.6	3.0	3.0	7.6	13.7	19.8	25.9	39.6	54.9	68.6
	82.5°	9.1	9.1	7.6	10.7	13.7	18.3	22.9	35.1	48.8	61.0
	85°	18.3	18.3	16.8	18.3	18.3	19.8	21.3	27.4	33.5	39.6
	87.5°	24.4	24.4	22.9	22.9	22.9	21.3	21.3	21.3	21.3	19.8
	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°
88.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.6											
91.5											
85.4											
83.9											
82.3											
73.2											
45.7											
19.8											
0.0											
0.0											
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REPORT NUMBER: P1049007

CATALOG NUMBER: GALN-SA4C-735-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
0.0	2.5°	106.7	108.3	108.3	109.8	111.3	112.8	112.8	114.4	114.4	114.4
0.0	5°	105.2	108.3	109.8	111.3	112.8	114.4	115.9	117.4	118.9	118.9
0.0	7.5°	103.7	105.2	108.3	109.8	112.8	114.4	117.4	118.9	120.4	122.0
0.0	10°	100.6	103.7	106.7	109.8	112.8	115.9	118.9	122.0	125.0	126.5
0.0	12.5°	97.6	102.2	105.2	108.3	112.8	117.4	120.4	125.0	128.1	131.1
0.0	15°	96.1	99.1	103.7	106.7	112.8	118.9	123.5	129.6	135.7	140.3
0.0	17.5°	91.5	97.6	102.2	106.7	112.8	120.4	126.5	132.6	141.8	150.9
0.0	20°	85.4	90.0	96.1	100.6	109.8	117.4	126.5	134.2	147.9	161.6
0.0	22.5°	79.3	85.4	90.0	96.1	106.7	115.9	126.5	135.7	158.6	179.9
0.0	25°	73.2	80.8	86.9	93.0	105.2	117.4	129.6	141.8	179.9	218.0
0.0	27.5°	70.1	76.2	83.9	90.0	105.2	122.0	137.2	152.5	213.5	272.9
0.0	30°	65.6	73.2	79.3	86.9	106.7	126.5	146.4	166.2	259.2	352.2
0.0	32.5°	61.0	68.6	76.2	83.9	109.8	135.7	160.1	186.0	308.0	428.4
0.0	35°	56.4	65.6	73.2	80.8	114.4	149.4	183.0	216.5	352.2	486.4
0.0	37.5°	54.9	64.0	71.7	79.3	115.9	150.9	187.5	222.6	356.8	490.9
0.0	40°	56.4	64.0	73.2	80.8	111.3	141.8	170.8	201.3	341.5	480.3
0.0	42.5°	56.4	65.6	74.7	83.9	108.3	132.6	157.0	181.4	337.0	492.5
0.0	45°	54.9	64.0	73.2	82.3	105.2	126.5	149.4	170.8	364.4	556.5
0.0	47.5°	53.4	62.5	71.7	80.8	103.7	126.5	149.4	172.3	471.1	768.4
0.0	50°	53.4	62.5	70.1	77.8	105.2	134.2	161.6	189.1	686.1	1181.6
0.0	52.5°	56.4	64.0	70.1	76.2	108.3	141.8	173.8	205.8	872.1	1536.9
0.0	55°	61.0	65.6	71.7	76.2	115.9	154.0	193.6	231.8	928.5	1625.3
0.0	57.5°	67.1	71.7	76.2	80.8	129.6	178.4	225.7	274.4	933.1	1590.2
0.0	60°	74.7	80.8	85.4	90.0	141.8	195.2	247.0	298.8	844.7	1389.0
0.0	62.5°	91.5	99.1	105.2	112.8	163.1	211.9	262.2	311.0	701.4	1091.7
0.0	65°	105.2	111.3	117.4	123.5	172.3	222.6	271.4	320.2	594.6	869.1
0.0	67.5°	108.3	114.4	118.9	125.0	175.3	225.7	274.4	324.8	509.2	692.2
	70°	109.8	117.4	126.5	134.2	186.0	237.9	288.2	340.0	451.3	562.6
	72.5°	105.2	120.4	134.2	147.9	196.7	243.9	292.7	340.0	419.3	498.6
	75°	105.2	126.5	146.4	166.2	202.8	237.9	274.4	309.5	370.5	431.5
	77.5°	111.3	138.7	166.2	193.6	215.0	234.8	256.1	276.0	315.6	355.3
	80°	111.3	140.3	167.7	196.7	205.8	216.5	225.7	234.8	239.4	243.9
	82.5°	96.1	118.9	141.8	164.7	154.0	143.3	132.6	122.0	114.4	105.2
	85°	48.8	53.4	56.4	59.5	54.9	50.3	45.7	41.2	38.1	33.5
	87.5°	19.8	19.8	18.3	18.3	18.3	18.3	16.8	16.8	16.8	16.8
	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: P1049007

CATALOG NUMBER: GALN-SA4C-735-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
88.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
187.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
239.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
324.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
451.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
611.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
763.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
867.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
945.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1023.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1175.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1480.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2256.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3456.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4351.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4450.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4016.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3433.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2683.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2027.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1497.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1059.7											
788.3											
573.3											
431.5											
242.4											
109.8											
32.0											
15.2											
0.0											
0.0											
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REPORT NUMBER: P1049007

CATALOG NUMBER: GALN-SA4C-735-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°	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
0.0	2.5°	114.4	112.8	112.8	111.3	109.8	108.3	106.7	105.2	103.7	102.2
0.0	5°	118.9	118.9	118.9	117.4	117.4	115.9	115.9	114.4	112.8	111.3
0.0	7.5°	123.5	125.0	125.0	126.5	126.5	126.5	126.5	125.0	125.0	125.0
0.0	10°	131.1	132.6	134.2	135.7	137.2	138.7	138.7	140.3	140.3	140.3
0.0	12.5°	140.3	144.8	147.9	152.5	155.5	160.1	163.1	167.7	170.8	173.8
0.0	15°	154.0	161.6	170.8	178.4	186.0	196.7	208.9	219.6	230.2	247.0
0.0	17.5°	173.8	198.2	222.6	245.5	269.9	323.2	376.6	428.4	481.8	559.6
0.0	20°	211.9	285.1	356.8	430.0	501.6	689.2	875.2	1062.7	1248.7	1448.4
0.0	22.5°	297.3	477.2	657.1	837.0	1017.0	1408.8	1799.1	2191.0	2581.3	3040.2
0.0	25°	431.5	762.3	1093.2	1422.5	1753.4	2366.3	2980.7	3593.7	4206.6	4802.7
0.0	27.5°	628.2	1134.4	1640.6	2145.2	2651.4	3482.4	4314.8	5145.8	5976.7	6650.7
0.0	30°	870.6	1556.7	2242.8	2928.9	3615.0	4560.3	5505.6	6449.4	7394.7	8131.1
0.0	32.5°	1099.3	1939.4	2779.5	3618.1	4458.2	5534.6	6612.5	7689.0	8765.4	9570.4
0.0	35°	1248.7	2264.2	3281.1	4296.5	5312.0	6476.8	7641.7	8805.0	9969.9	10889.3
0.0	37.5°	1398.1	2570.6	3741.6	4914.0	6085.0	7364.2	8643.4	9922.6	11201.8	12337.7
0.0	40°	1565.8	2941.1	4314.8	5690.1	7063.8	8579.4	10093.4	11608.9	13122.9	14725.4
0.0	42.5°	1857.1	3555.6	5255.6	6954.1	8652.6	10657.5	12662.5	14665.9	16670.9	18957.9
0.0	45°	2404.4	4798.2	7193.4	9587.2	11980.9	14636.9	17294.4	19950.4	22606.4	25649.7
0.0	47.5°	3744.6	7037.9	10329.7	13623.0	16914.8	19782.7	22649.1	25517.0	28383.4	31414.5
0.0	50°	5729.7	9562.8	13395.8	17227.4	21060.4	23655.4	26248.9	28843.9	31437.4	34320.6
0.0	52.5°	7166.0	11159.1	15153.8	19146.9	23140.1	25482.0	27825.4	30167.3	32509.2	35203.3
0.0	55°	7274.2	11244.5	15216.3	19186.6	23156.8	25509.4	27862.0	30214.6	32567.2	35422.9
0.0	57.5°	6440.2	10378.5	14315.2	18253.5	22190.2	24869.1	27546.4	30225.3	32902.6	35990.1
0.0	60°	5478.2	9417.9	13356.2	17296.0	21234.2	24320.2	27407.7	30493.6	33579.6	36471.9
0.0	62.5°	4273.7	8326.3	12380.4	16433.0	20485.6	23618.8	26752.0	29883.7	33017.0	35186.6
0.0	65°	3185.1	7120.3	11055.5	14989.1	18924.3	21434.0	23943.6	26451.7	28961.3	30304.5
0.0	67.5°	2302.3	5696.2	9088.6	12482.6	15875.0	17671.0	19467.1	21261.7	23057.7	24085.4
	70°	1556.7	3907.8	6257.3	8608.3	10957.9	12433.8	13911.2	15387.1	16863.0	18250.4
	72.5°	1077.9	2398.3	3720.2	5040.6	6361.0	7846.0	9329.5	10814.6	12298.1	13766.3
	75°	715.1	1315.8	1918.0	2518.8	3119.5	4218.8	5319.6	6418.9	7518.2	8393.4
	77.5°	507.7	687.6	869.1	1049.0	1228.9	1434.7	1642.1	1847.9	2053.7	2366.3
	80°	240.9	263.8	286.6	308.0	330.9	405.6	480.3	555.0	629.7	709.0
	82.5°	114.4	123.5	132.6	140.3	149.4	157.0	164.7	172.3	179.9	172.3
	85°	30.5	30.5	32.0	32.0	32.0	32.0	32.0	32.0	32.0	30.5
	87.5°	13.7	13.7	13.7	13.7	13.7	13.7	13.7	12.2	12.2	10.7
	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°
88.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
265.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
635.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1649.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3499.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5398.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7324.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8869.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10377.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11808.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13475.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16327.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21244.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28693.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34445.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37203.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37897.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38280.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39077.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39362.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37357.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31649.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25114.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19636.4											
15234.6											
9268.5											
2678.9											
788.3											
163.1											
29.0											
10.7											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
0.0	2.5°	99.1	97.6	96.1	94.5	93.0	90.0	90.0	88.4	88.4
0.0	5°	108.3	106.7	105.2	103.7	103.7	102.2	100.6	100.6	99.1
0.0	7.5°	123.5	122.0	120.4	118.9	118.9	117.4	117.4	115.9	115.9
0.0	10°	141.8	141.8	141.8	141.8	141.8	140.3	140.3	140.3	138.7
0.0	12.5°	178.4	179.9	183.0	186.0	190.6	190.6	190.6	189.1	189.1
0.0	15°	282.1	298.8	311.0	323.2	333.9	358.3	355.3	350.7	347.6
0.0	17.5°	713.6	789.8	831.0	870.6	911.8	1024.6	1006.3	988.0	971.2
0.0	20°	1849.4	2049.2	2181.8	2314.5	2448.6	2660.6	2608.7	2556.9	2505.0
0.0	22.5°	3956.5	4415.5	4615.2	4814.9	5013.1	5269.3	5103.1	4936.9	4772.2
0.0	25°	5993.5	6589.7	6926.6	7263.6	7599.0	7745.4	7528.9	7310.8	7094.3
0.0	27.5°	7998.5	8672.4	8969.7	9265.5	9562.8	9869.3	9600.9	9331.0	9062.7
0.0	30°	9605.5	10341.9	10663.6	10983.8	11305.5	11519.0	11241.5	10962.5	10685.0
0.0	32.5°	11182.0	11987.0	12339.2	12691.4	13042.1	13348.6	13007.0	12664.0	12322.5
0.0	35°	12726.5	13645.9	14130.7	14615.6	15100.4	15385.5	14980.0	14572.9	14167.3
0.0	37.5°	14611.0	15746.9	16289.7	16832.5	17375.3	17895.2	17448.4	17000.2	16553.5
0.0	40°	17930.2	19532.7	20365.2	21199.2	22031.6	22702.5	22138.4	21574.2	21010.1
0.0	42.5°	23531.9	25818.9	27015.8	28211.2	29408.0	30455.5	29862.4	29269.3	28676.2
0.0	45°	31736.2	34779.5	36238.6	37696.2	39155.3	39920.7	39066.9	38211.5	37357.7
0.0	47.5°	37475.1	40506.2	41805.2	43104.2	44403.3	45276.9	44232.5	43188.1	42145.2
0.0	50°	40085.4	42968.5	44272.1	45574.2	46877.8	47571.5	46365.5	45158.0	43952.0
0.0	52.5°	40590.0	43284.1	44839.3	46396.0	47951.2	48878.2	47454.1	46028.6	44604.5
0.0	55°	41135.9	43991.6	45795.3	47600.5	49404.2	50688.0	49077.9	47466.3	45856.3
0.0	57.5°	42163.5	45251.0	47050.1	48847.7	50646.8	51737.0	50122.3	48506.2	46891.5
0.0	60°	42255.0	45145.8	46691.8	48239.4	49785.4	50471.5	48927.0	47381.0	45836.5
0.0	62.5°	39527.3	41697.0	42770.3	43843.7	44917.1	45662.6	44051.1	42437.9	40826.4
0.0	65°	32992.6	34335.8	35191.1	36046.5	36901.8	37790.7	36314.8	34838.9	33363.1
0.0	67.5°	26142.2	27169.8	28296.5	29423.3	30550.0	31499.9	30318.3	29135.1	27953.5
	70°	21023.8	22409.7	23676.8	24943.8	26210.8	26988.4	25802.2	24614.4	23428.2
	72.5°	16702.9	18171.1	19229.3	20285.9	21344.0	21534.6	20662.5	19790.3	18919.8
	75°	10142.2	11017.3	11038.7	11058.5	11079.9	11261.3	10538.6	9815.9	9094.7
	77.5°	2991.4	3304.0	3561.7	3817.8	4075.5	4386.5	4121.2	3854.4	3589.1
	80°	866.0	945.3	1012.4	1077.9	1145.0	1105.4	1042.9	980.4	917.9
	82.5°	155.5	146.4	144.8	143.3	143.3	135.7	123.5	111.3	99.1
	85°	27.4	25.9	24.4	22.9	21.3	19.8	16.8	15.2	12.2
	87.5°	9.1	7.6	6.1	4.6	4.6	1.5	1.5	1.5	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049007

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CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
0.0	0.0	2.5°	86.9	85.4	85.4	85.4	85.4	83.9	83.9	83.9	83.9
0.0	0.0	5°	96.1	96.1	94.5	94.5	93.0	93.0	91.5	91.5	90.0
0.0	0.0	7.5°	112.8	111.3	109.8	108.3	106.7	103.7	102.2	100.6	100.6
0.0	0.0	10°	135.7	132.6	131.1	128.1	126.5	123.5	120.4	117.4	114.4
0.0	0.0	12.5°	178.4	172.3	167.7	161.6	155.5	150.9	144.8	140.3	134.2
0.0	0.0	15°	309.5	294.3	277.5	257.7	236.3	216.5	195.2	183.0	169.2
0.0	0.0	17.5°	791.3	712.0	631.2	565.7	500.1	436.1	370.5	323.2	276.0
0.0	0.0	20°	2014.1	1794.5	1575.0	1358.5	1140.5	924.0	705.9	596.1	486.4
0.0	0.0	22.5°	3790.4	3383.3	2974.7	2579.8	2183.3	1788.4	1393.6	1145.0	898.0
0.0	0.0	25°	5850.2	5337.9	4825.6	4176.1	3525.1	2875.5	2226.0	1822.0	1418.0
0.0	0.0	27.5°	7612.7	7022.7	6432.6	5642.8	4853.1	4063.3	3273.5	2671.2	2070.5
0.0	0.0	30°	9138.9	8504.7	7870.4	6951.0	6031.6	5112.3	4192.9	3439.7	2686.5
0.0	0.0	32.5°	10462.4	9703.1	8943.8	7995.4	7047.1	6098.7	5150.4	4226.4	3302.5
0.0	0.0	35°	11988.6	11102.7	10215.4	9163.3	8109.8	7057.7	6005.7	4962.8	3918.4
0.0	0.0	37.5°	13928.0	12840.9	11752.2	10579.8	9407.3	8236.3	7063.8	5871.5	4679.2
0.0	0.0	40°	17640.6	16237.8	14835.1	13345.5	11854.4	10364.8	8875.2	7411.5	5947.8
0.0	0.0	42.5°	24292.7	22397.6	20502.4	18520.3	16536.7	14554.6	12571.0	10506.6	8440.6
0.0	0.0	45°	31800.3	29449.2	27096.6	24872.1	22646.1	20421.6	18197.1	15364.2	12531.3
0.0	0.0	47.5°	36022.1	33483.5	30944.9	28839.3	26733.7	24628.2	22522.6	19468.6	16414.7
0.0	0.0	50°	37575.7	34991.4	32407.1	30469.2	28529.8	26591.9	24652.6	21594.0	18534.0
0.0	0.0	52.5°	37906.6	35270.4	32634.3	30684.2	28734.1	26785.6	24835.5	21796.8	18758.1
0.0	0.0	55°	38586.6	35758.3	32928.5	30705.5	28482.6	26259.6	24036.6	20949.1	17861.6
0.0	0.0	57.5°	39475.5	36575.6	33675.6	31143.1	28610.6	26079.7	23547.2	20171.5	16795.9
0.0	0.0	60°	39242.2	36718.9	34194.0	31481.6	28767.7	26055.3	23341.3	19628.7	15914.6
0.0	0.0	62.5°	35192.7	33183.1	31172.1	28941.5	26709.3	24478.7	22248.1	18425.8	14603.4
0.0	0.0	65°	28952.2	27485.4	26018.7	24224.1	22428.0	20633.5	18838.9	15411.5	11985.5
0.0	0.0	67.5°	23464.8	21812.1	20157.8	18727.6	17296.0	15865.8	14434.1	11737.0	9039.8
		70°	18642.3	16844.7	15045.5	13648.9	12250.8	10854.2	9457.6	7664.6	5873.1
		72.5°	14804.6	13183.9	11563.2	10073.6	8582.4	7092.8	5601.7	4542.0	3482.4
		75°	7076.0	6428.1	5780.1	5001.0	4221.8	3442.7	2663.6	2201.6	1741.2
		77.5°	2622.4	2273.3	1922.6	1605.5	1288.4	972.7	655.6	600.7	545.8
		80°	678.5	591.6	503.1	440.6	376.6	314.1	251.6	227.2	204.3
		82.5°	77.8	71.7	67.1	64.0	59.5	56.4	51.8	47.3	42.7
		85°	4.6	3.0	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
		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: P1049007

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	88.4	88.4
0.0	0.0	2.5°	82.3	80.8
0.0	0.0	5°	86.9	85.4
0.0	0.0	7.5°	96.1	93.0
0.0	0.0	10°	105.2	102.2
0.0	0.0	12.5°	118.9	114.4
0.0	0.0	15°	134.2	125.0
0.0	0.0	17.5°	160.1	140.3
0.0	0.0	20°	216.5	166.2
0.0	0.0	22.5°	304.9	207.4
0.0	0.0	25°	448.3	286.6
0.0	0.0	27.5°	623.6	381.2
0.0	0.0	30°	829.4	477.2
0.0	0.0	32.5°	1010.9	568.7
0.0	0.0	35°	1247.2	661.7
0.0	0.0	37.5°	1538.4	780.6
0.0	0.0	40°	1989.7	960.5
0.0	0.0	42.5°	2802.4	1292.9
0.0	0.0	45°	4551.2	2235.2
0.0	0.0	47.5°	7002.9	3697.3
0.0	0.0	50°	8567.2	4718.9
0.0	0.0	52.5°	8695.3	4711.3
0.0	0.0	55°	7937.5	4188.3
0.0	0.0	57.5°	6772.6	3500.7
0.0	0.0	60°	5629.1	2768.8
0.0	0.0	62.5°	4435.3	1911.9
0.0	0.0	65°	3241.5	1352.4
0.0	0.0	67.5°	2328.2	1010.9
		70°	1530.8	774.5
		72.5°	997.1	631.2
		75°	670.9	523.0
		77.5°	391.8	347.6
		80°	138.7	122.0
		82.5°	25.9	18.3
		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: P1049007

CATALOG NUMBER: GALN-SA4C-735-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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

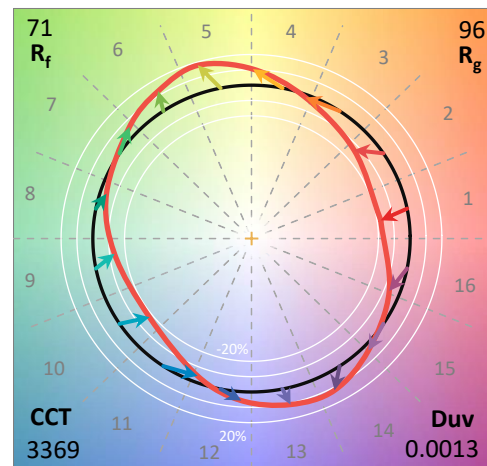
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369	CRI (Ra):	70.1		
CIE u':	0.2386	R1:	66.6	R9:	-40.2
CIE v':	0.5156	R2:	77.6	R10:	49.1
Duv:	0.0013	R3:	88.5	R11:	66.3
CIE x:	0.4143	R4:	69.5	R12:	45.7
CIE y:	0.3980	R5:	66.4	R13:	68.0
CIE z:	0.1877	R6:	69.6	R14:	93.4
Peak Wavelength (nm):	590	R7:	77.5	R15:	57.6
Dominant Wavelength (nm):	580	R8:	44.9		
Purity:	43.80166				
Rf:	71.4				
Rg:	96				



Test Conditions

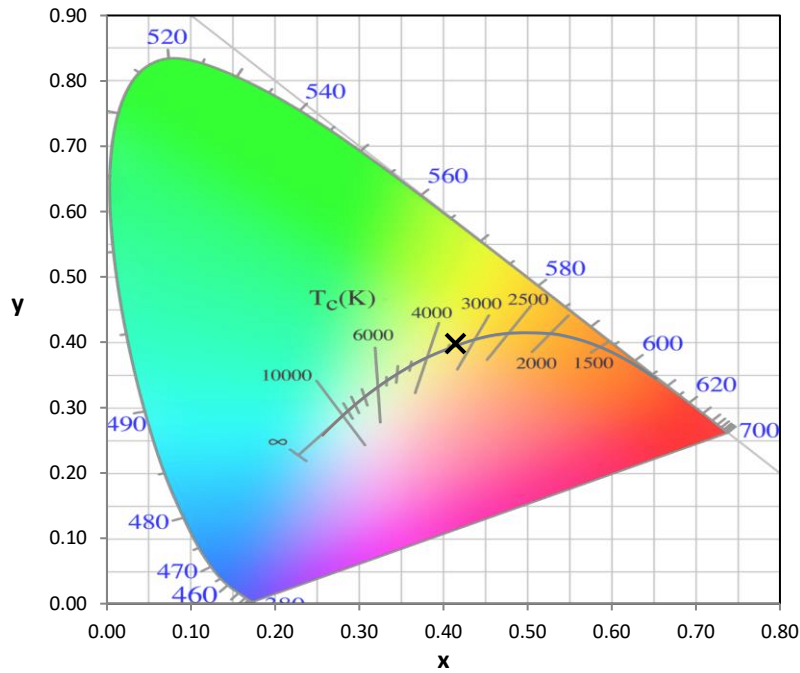
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

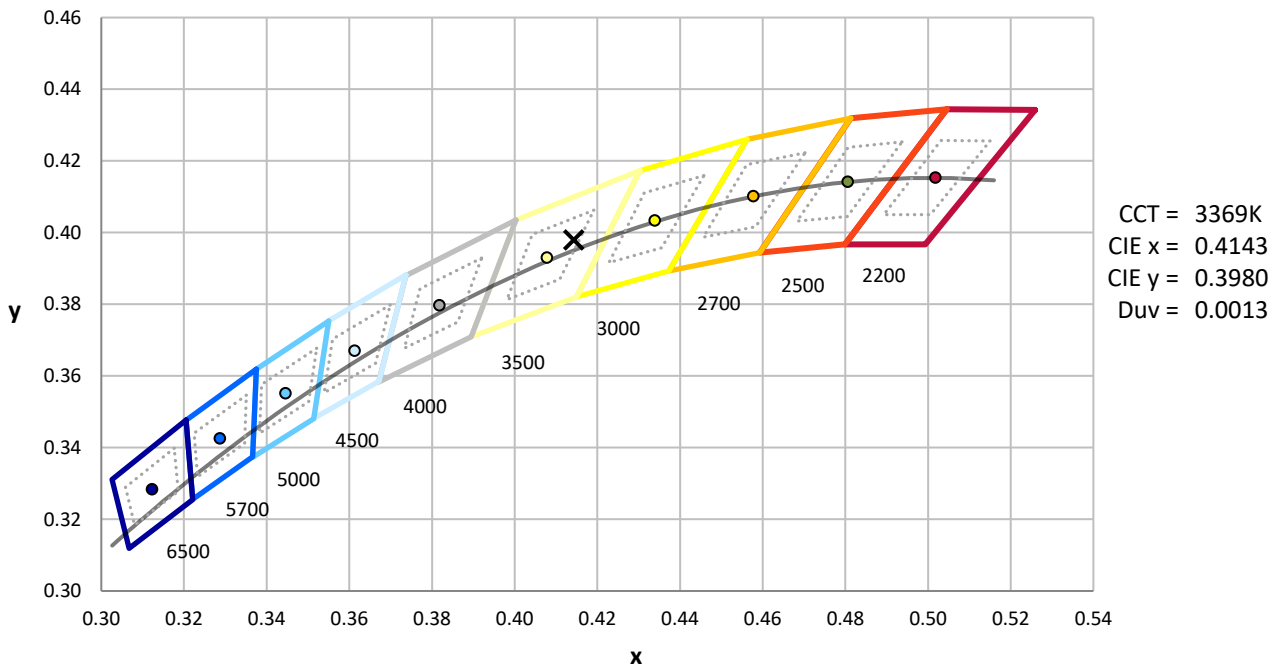
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-5

CIE 1931 Chromaticity Diagram



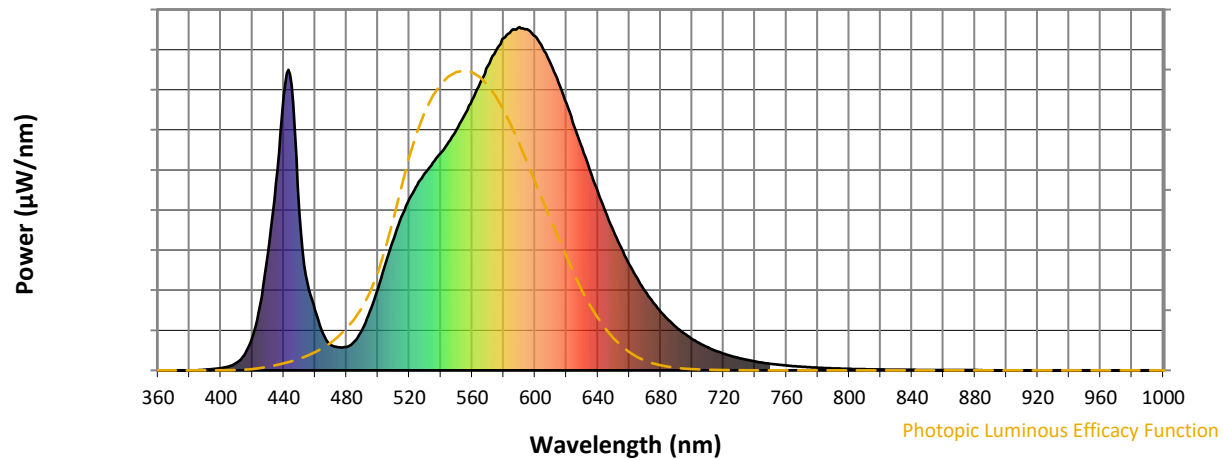
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

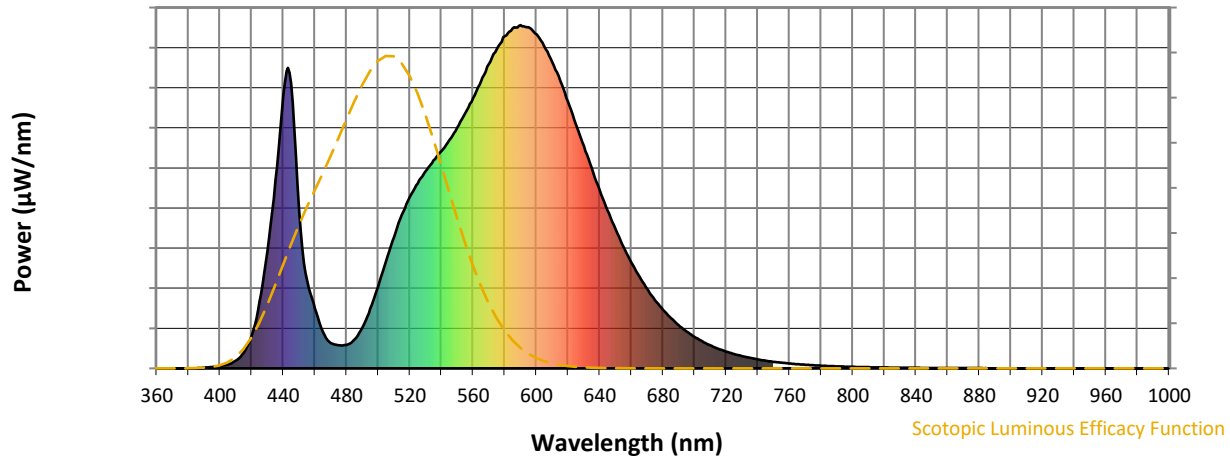


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength



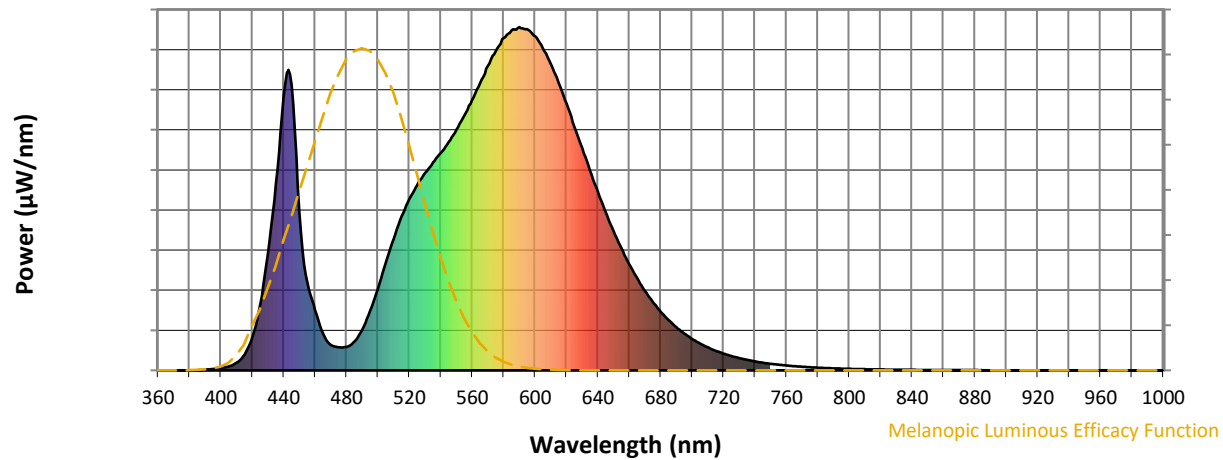
Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.36

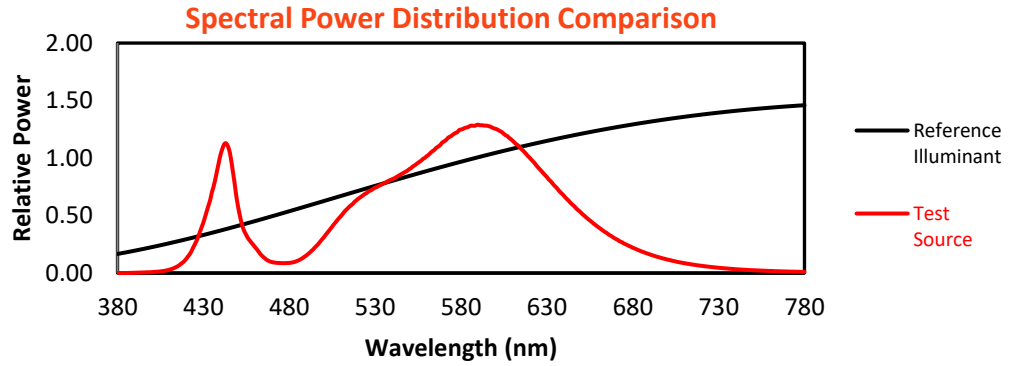
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

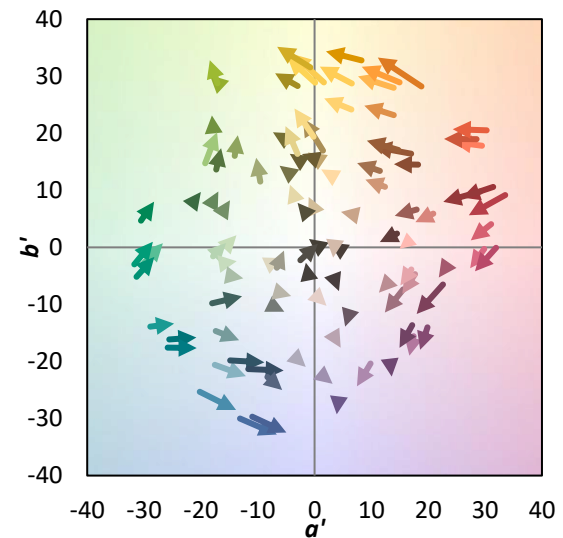
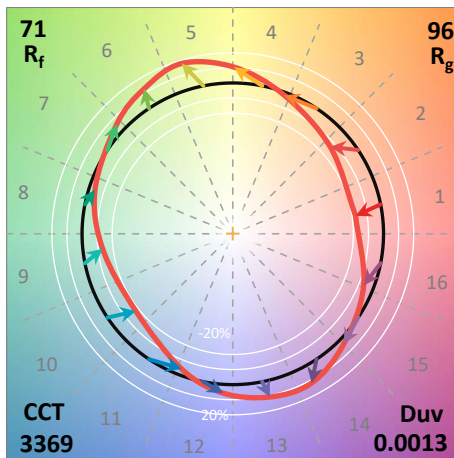
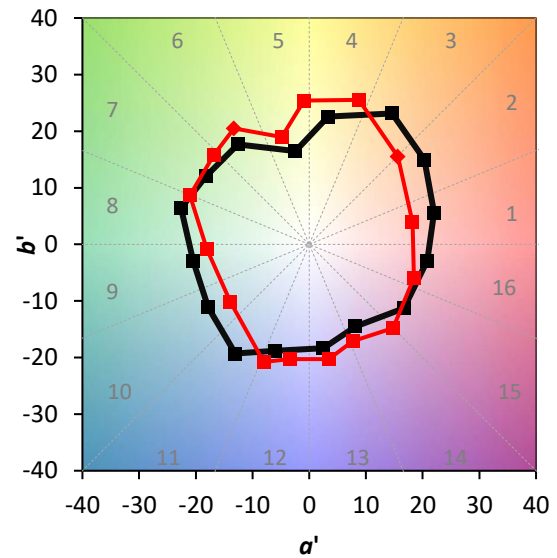
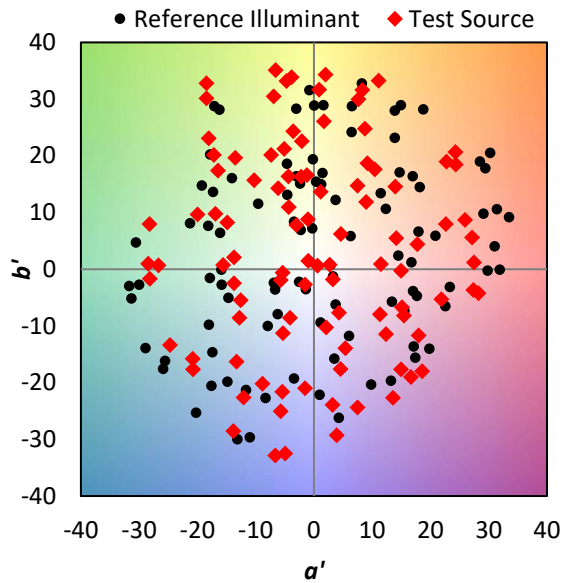
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 CIE $R_a = 70.1$
 $R_g = -40.2$

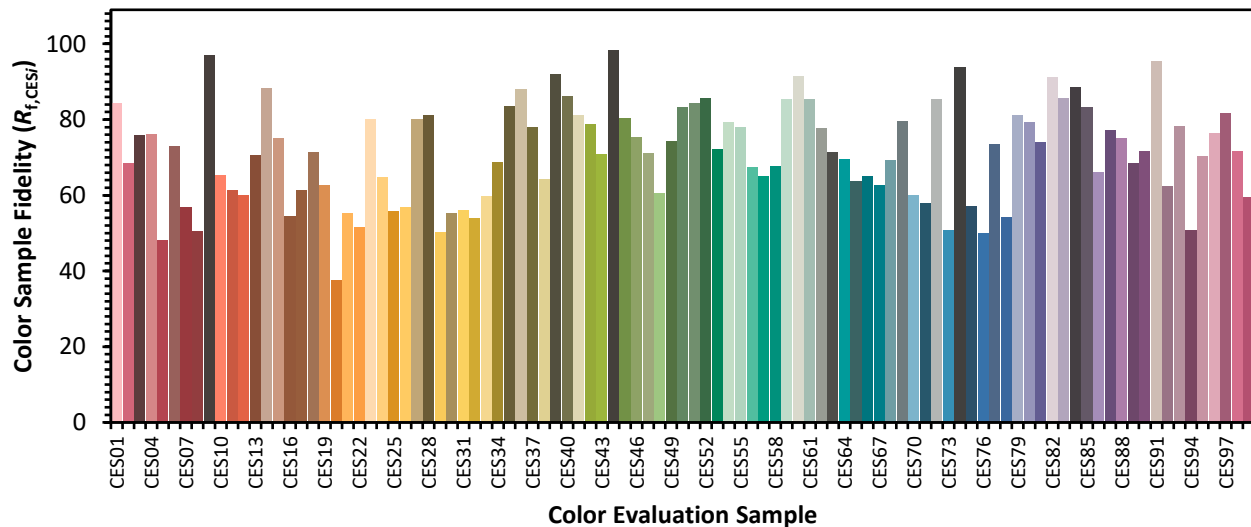


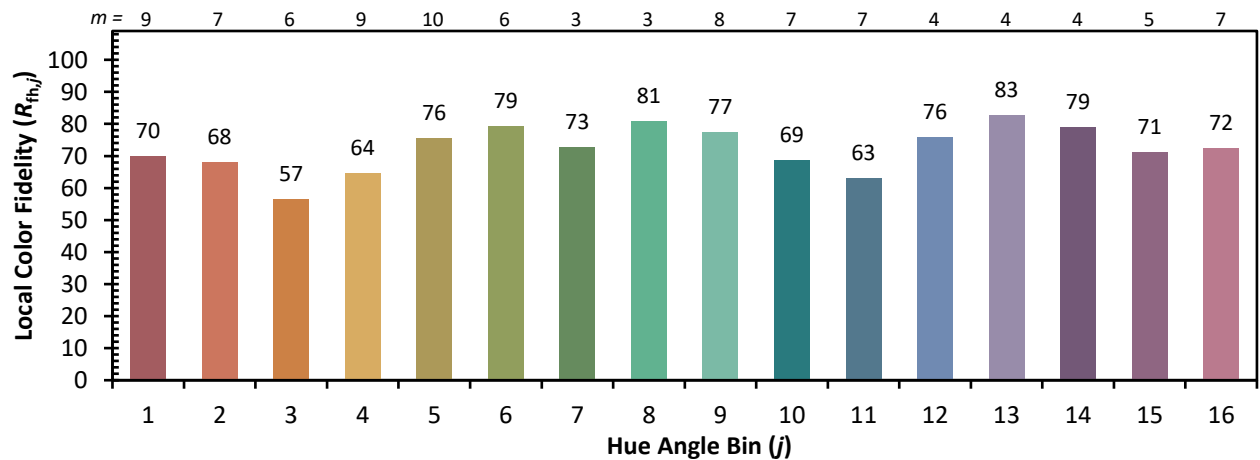
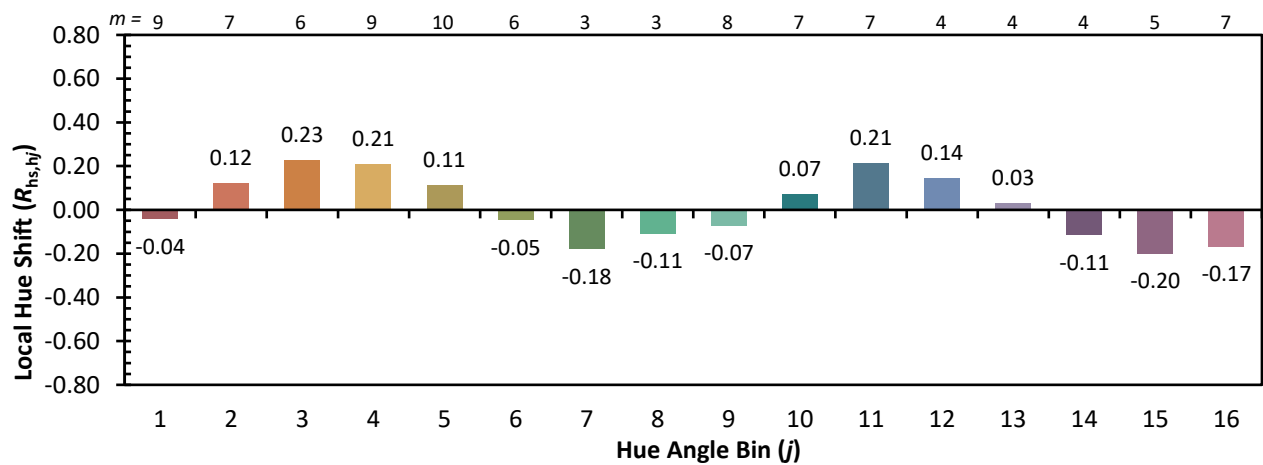
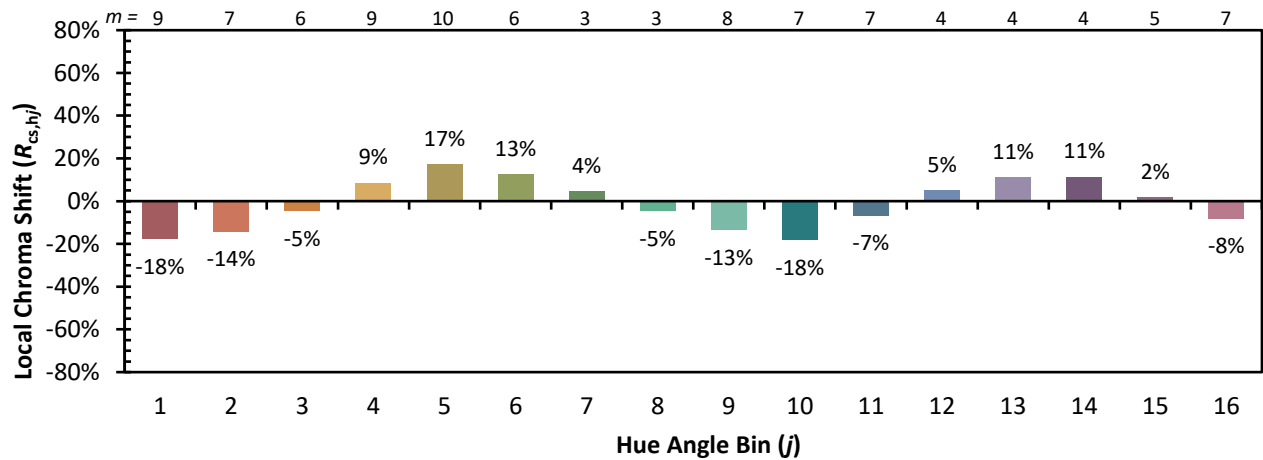
Color Vector Graphics



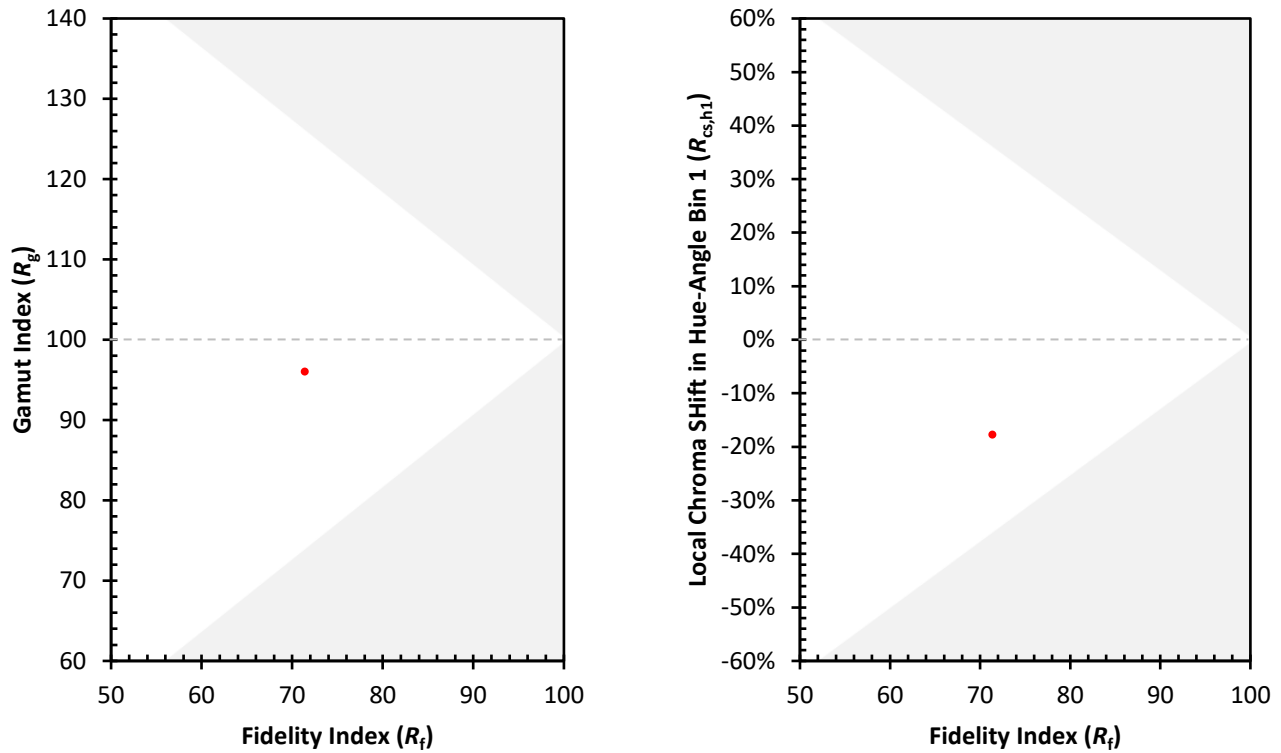
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)