

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1048863

Luminaire Tested: **GALN-SA4C-740-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048863
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4C-740-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
70CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20504 lumens
Efficiency: N/A
Efficacy: 107.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

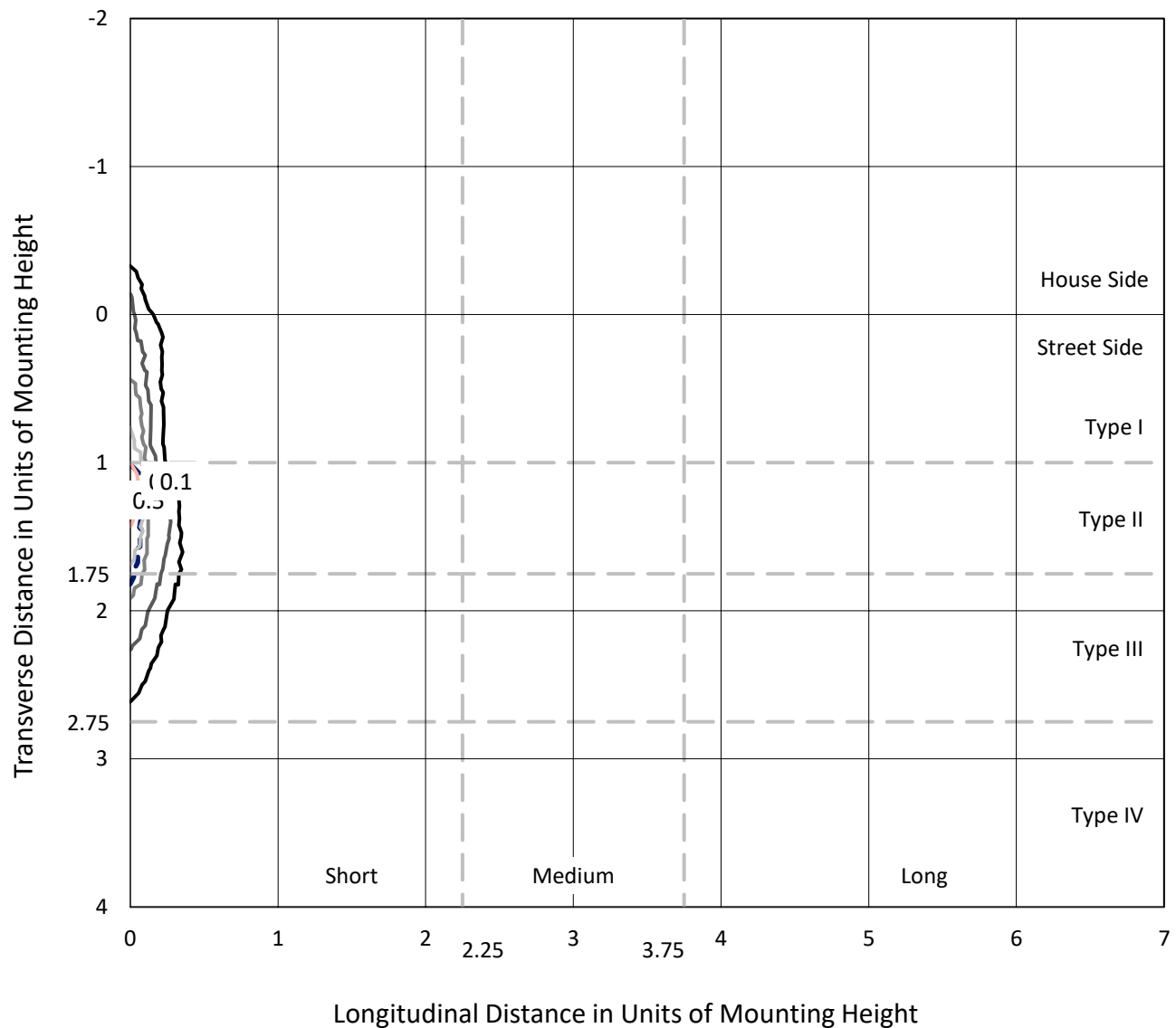
Input Watts (W): 190.4
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

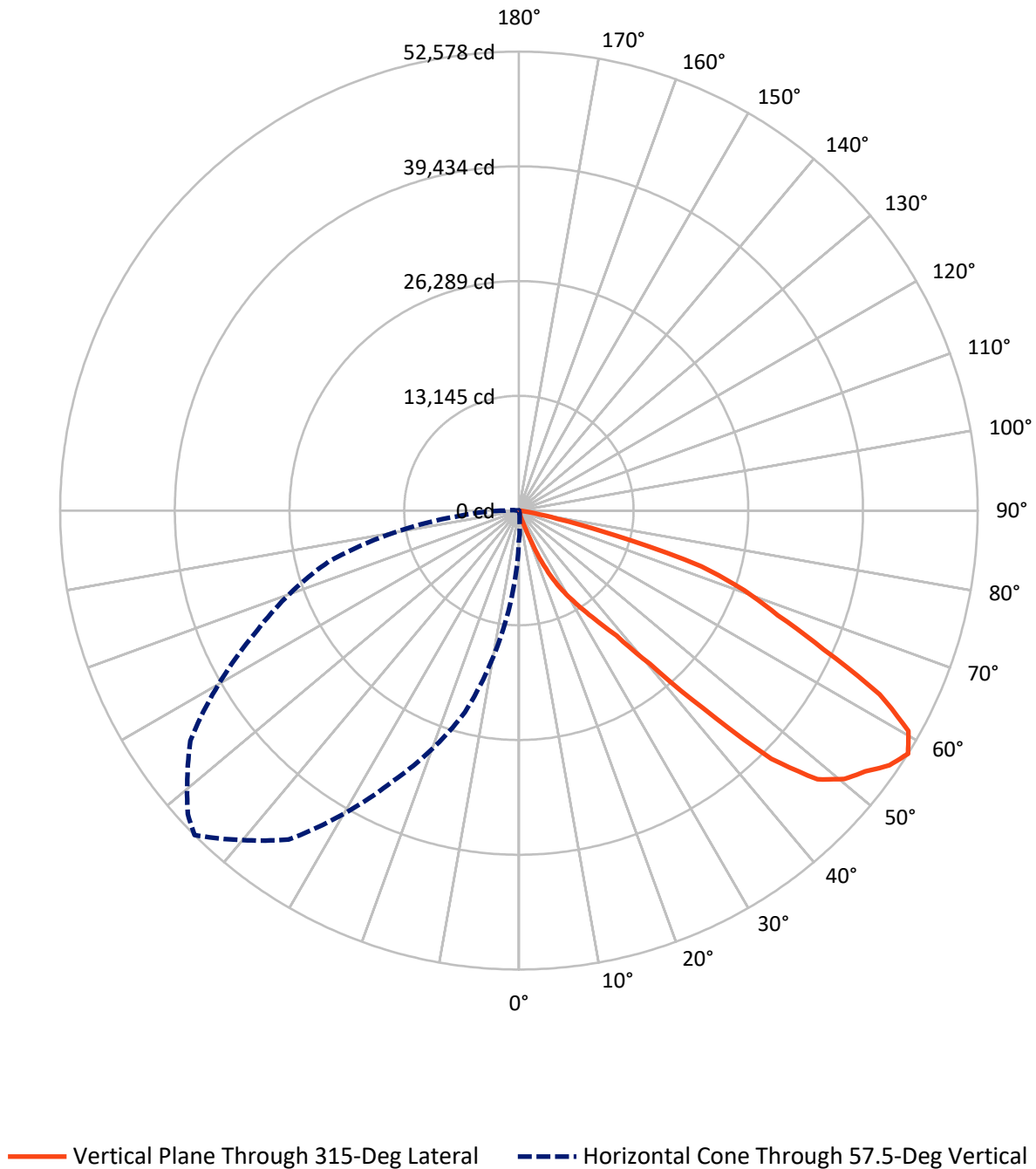
× Max cd
 - - - 1/2 Max cd



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	102.7	0.0	102.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	20401.4	0.0	20401.4
	% Fixture	99.5	0.0	99.5
Total	Lumens	20504.0	0.0	20504.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.0	0.0
10°-20°	45.0	0.2
20°-30°	485.9	2.4
30°-40°	1436.9	7.0
40°-50°	4282.5	20.9
50°-60°	6790.4	33.1
60°-70°	5668.4	27.6
70°-80°	1747.9	8.5
80°-90°	38.9	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°	20504.0	100.0
0°-180°	20504.0	100.0



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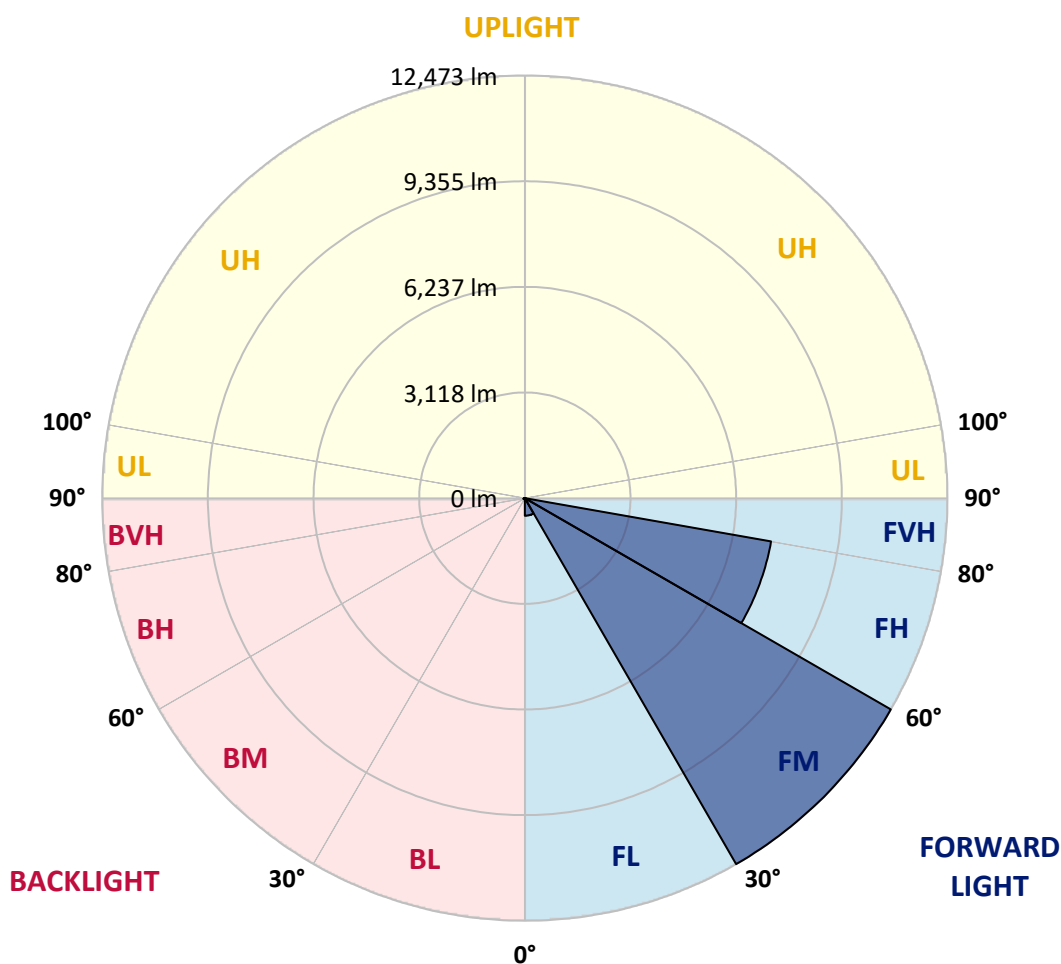
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	520.1	2.5			
FM	(30°-60°)	12473.2	60.8			
FH	(60°-80°)	7378.0	36.0			G3/7500
FVH	(80°-90°)	30.0	0.1			G1/100
BL	(0°-30°)	18.9	0.1	B0/110		
BM	(30°-60°)	36.7	0.2	B0/220		
BH	(60°-80°)	38.3	0.2	B0/110		G0/110
BVH	(80°-90°)	8.8	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°	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
2.5°	82.1	82.1	82.1	82.1	80.6	80.6	79.0	79.0	77.5	77.5
5°	86.8	86.8	85.2	83.7	83.7	82.1	80.6	79.0	79.0	77.5
7.5°	94.5	93.0	91.4	89.9	86.8	85.2	82.1	80.6	79.0	75.9
10°	103.8	100.7	97.6	94.5	91.4	88.3	85.2	83.7	80.6	79.0
12.5°	116.2	111.6	105.4	100.7	97.6	93.0	89.9	86.8	82.1	79.0
15°	127.1	120.9	113.1	106.9	102.3	96.1	91.4	86.8	83.7	79.0
17.5°	142.6	131.7	119.3	111.6	105.4	97.6	89.9	85.2	80.6	74.4
20°	168.9	147.2	124.0	114.7	105.4	96.1	86.8	80.6	75.9	69.7
22.5°	210.7	173.5	136.4	122.4	110.0	96.1	83.7	77.5	71.3	65.1
25°	291.3	224.7	158.0	139.5	120.9	102.3	83.7	75.9	69.7	62.0
27.5°	387.4	288.2	187.5	161.1	136.4	110.0	83.7	74.4	66.6	57.3
30°	485.0	353.3	220.0	185.9	151.8	117.8	83.7	72.8	63.5	52.7
32.5°	578.0	413.7	247.9	207.6	167.3	125.5	85.2	72.8	60.4	48.0
35°	672.5	463.3	252.6	210.7	168.9	125.5	83.7	69.7	57.3	43.4
37.5°	793.3	519.1	243.3	201.4	161.1	119.3	79.0	66.6	54.2	40.3
40°	976.2	612.0	247.9	204.5	161.1	117.8	74.4	62.0	51.1	38.7
42.5°	1314.0	791.8	268.1	218.5	168.9	117.8	68.2	57.3	48.0	37.2
45°	2271.5	1315.5	359.5	285.1	210.7	136.4	62.0	52.7	44.9	35.6
47.5°	3757.5	2201.8	646.1	498.9	353.3	206.1	60.4	52.7	44.9	35.6
50°	4795.6	2804.5	813.5	626.0	438.5	251.0	63.5	54.2	46.5	37.2
52.5°	4787.9	2847.9	906.4	695.7	486.5	275.8	66.6	57.3	49.6	40.3
55°	4256.4	2590.7	923.5	709.7	497.4	283.6	71.3	62.0	52.7	43.4
57.5°	3557.6	2200.2	842.9	652.3	463.3	272.7	82.1	71.3	62.0	51.1
60°	2813.8	1735.4	657.0	519.1	382.7	244.8	108.5	94.5	82.1	68.2
62.5°	1943.0	1258.2	573.3	460.2	348.6	235.5	124.0	110.0	97.6	83.7
65°	1374.4	946.7	517.5	421.5	326.9	230.9	134.8	119.3	105.4	89.9
67.5°	1027.3	753.0	477.2	395.1	313.0	230.9	148.7	130.2	113.1	94.5
70°	787.1	618.2	447.8	381.2	316.1	249.5	182.8	156.5	131.7	105.4
72.5°	641.5	528.4	413.7	365.7	317.6	269.6	221.6	187.5	153.4	117.8
75°	531.5	452.4	373.4	333.1	294.4	254.1	213.8	182.8	153.4	122.4
77.5°	353.3	322.3	289.8	266.5	243.3	218.5	195.2	168.9	144.1	117.8
80°	124.0	119.3	114.7	124.0	133.3	142.6	151.8	133.3	116.2	97.6
82.5°	18.6	17.0	15.5	17.0	18.6	20.1	21.7	23.2	24.8	26.3
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°	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
0.0	2.5°	75.9	75.9	74.4	74.4	74.4	72.8	72.8	71.3	71.3	71.3
0.0	5°	74.4	74.4	72.8	71.3	69.7	69.7	68.2	66.6	66.6	65.1
0.0	7.5°	72.8	71.3	69.7	68.2	66.6	65.1	63.5	62.0	62.0	60.4
0.0	10°	74.4	71.3	69.7	66.6	65.1	63.5	60.4	58.9	57.3	57.3
0.0	12.5°	71.3	69.7	66.6	63.5	62.0	58.9	57.3	54.2	52.7	52.7
0.0	15°	71.3	68.2	63.5	60.4	57.3	55.8	52.7	49.6	48.0	46.5
0.0	17.5°	66.6	63.5	58.9	55.8	52.7	49.6	46.5	43.4	41.8	40.3
0.0	20°	60.4	57.3	52.7	48.0	44.9	41.8	38.7	35.6	34.1	32.5
0.0	22.5°	54.2	51.1	46.5	41.8	38.7	35.6	31.0	27.9	26.3	23.2
0.0	25°	51.1	46.5	41.8	37.2	32.5	29.4	24.8	20.1	17.0	13.9
0.0	27.5°	43.4	38.7	34.1	29.4	24.8	20.1	15.5	10.8	7.7	6.2
0.0	30°	37.2	32.5	27.9	23.2	17.0	12.4	7.7	1.5	1.5	1.5
0.0	32.5°	31.0	26.3	20.1	15.5	12.4	7.7	4.6	0.0	0.0	0.0
0.0	35°	24.8	20.1	13.9	9.3	7.7	4.6	3.1	0.0	0.0	0.0
0.0	37.5°	21.7	17.0	10.8	4.6	3.1	3.1	1.5	0.0	0.0	0.0
0.0	40°	20.1	13.9	7.7	1.5	1.5	1.5	0.0	0.0	0.0	0.0
0.0	42.5°	20.1	13.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	20.1	13.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	20.1	13.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	21.7	15.5	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	24.8	18.6	12.4	6.2	4.6	3.1	1.5	0.0	0.0	0.0
0.0	55°	31.0	27.9	23.2	20.1	15.5	10.8	4.6	0.0	0.0	0.0
0.0	57.5°	40.3	40.3	38.7	37.2	27.9	18.6	9.3	0.0	0.0	0.0
0.0	60°	54.2	54.2	54.2	54.2	40.3	27.9	13.9	0.0	0.0	0.0
0.0	62.5°	66.6	63.5	58.9	55.8	41.8	27.9	13.9	0.0	0.0	0.0
0.0	65°	66.6	60.4	52.7	44.9	34.1	23.2	10.8	0.0	0.0	0.0
0.0	67.5°	62.0	49.6	35.6	23.2	17.0	12.4	6.2	0.0	0.0	0.0
	70°	62.0	43.4	24.8	6.2	4.6	3.1	1.5	0.0	0.0	0.0
	72.5°	62.0	41.8	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	68.2	46.5	23.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	68.2	46.5	23.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	60.4	40.3	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	20.1	13.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]



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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
0.0	2.5°	69.7	69.7	69.7	68.2	68.2	68.2	68.2	66.6	66.6	66.6
0.0	5°	63.5	63.5	62.0	62.0	60.4	60.4	58.9	58.9	57.3	57.3
0.0	7.5°	58.9	57.3	57.3	55.8	54.2	54.2	52.7	52.7	51.1	49.6
0.0	10°	54.2	52.7	52.7	51.1	49.6	48.0	48.0	46.5	44.9	43.4
0.0	12.5°	49.6	48.0	46.5	44.9	43.4	41.8	41.8	40.3	38.7	37.2
0.0	15°	43.4	41.8	40.3	38.7	37.2	35.6	35.6	34.1	32.5	31.0
0.0	17.5°	37.2	35.6	35.6	34.1	32.5	31.0	29.4	26.3	24.8	23.2
0.0	20°	27.9	26.3	24.8	23.2	21.7	18.6	17.0	13.9	10.8	9.3
0.0	22.5°	18.6	15.5	13.9	10.8	7.7	6.2	4.6	1.5	0.0	0.0
0.0	25°	6.2	4.6	3.1	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



REPORT NUMBER: P1048863

CATALOG NUMBER: GALN-SA4C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1048863

CATALOG NUMBER: GALN-SA4C-740-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
0.0	2.5°	65.1	65.1	65.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5
0.0	5°	55.8	55.8	55.8	54.2	54.2	52.7	52.7	52.7	51.1	51.1
0.0	7.5°	48.0	46.5	46.5	44.9	44.9	43.4	43.4	43.4	41.8	41.8
0.0	10°	40.3	38.7	38.7	37.2	37.2	35.6	35.6	34.1	34.1	32.5
0.0	12.5°	35.6	34.1	32.5	31.0	31.0	29.4	27.9	27.9	26.3	24.8
0.0	15°	27.9	26.3	24.8	23.2	21.7	20.1	18.6	18.6	17.0	15.5
0.0	17.5°	18.6	15.5	13.9	12.4	12.4	10.8	9.3	7.7	6.2	4.6
0.0	20°	4.6	3.1	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
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: P1048863

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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048863

CATALOG NUMBER: GALN-SA4C-740-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°	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
0.0	2.5°	63.5	62.0	62.0	62.0	63.5	63.5	63.5	63.5	63.5	63.5
0.0	5°	51.1	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
0.0	7.5°	41.8	40.3	40.3	40.3	40.3	38.7	38.7	38.7	38.7	38.7
0.0	10°	32.5	31.0	31.0	31.0	31.0	29.4	29.4	29.4	29.4	29.4
0.0	12.5°	23.2	23.2	21.7	21.7	21.7	20.1	20.1	20.1	20.1	18.6
0.0	15°	13.9	12.4	10.8	10.8	10.8	9.3	9.3	9.3	9.3	7.7
0.0	17.5°	3.1	3.1	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
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1048863

CATALOG NUMBER: GALN-SA4C-740-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
0.0	2.5°	65.1	65.1	66.6	66.6	68.2	71.3	72.8	74.4	77.5	80.6
0.0	5°	51.1	52.7	52.7	54.2	55.8	57.3	58.9	60.4	63.5	66.6
0.0	7.5°	40.3	40.3	41.8	41.8	43.4	46.5	48.0	49.6	52.7	57.3
0.0	10°	31.0	31.0	32.5	32.5	34.1	37.2	38.7	40.3	43.4	48.0
0.0	12.5°	20.1	21.7	21.7	23.2	24.8	27.9	29.4	31.0	34.1	37.2
0.0	15°	9.3	10.8	10.8	12.4	13.9	17.0	18.6	20.1	23.2	27.9
0.0	17.5°	1.5	1.5	3.1	3.1	4.6	6.2	7.7	9.3	13.9	17.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	6.2
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



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048863

CATALOG NUMBER: GALN-SA4C-740-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°	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
0.0	2.5°	85.2	88.3	91.4	94.5	97.6	100.7	102.3	105.4	106.9	108.5
0.0	5°	72.8	75.9	80.6	83.7	86.8	89.9	93.0	94.5	96.1	97.6
0.0	7.5°	63.5	66.6	71.3	74.4	77.5	80.6	83.7	86.8	88.3	89.9
0.0	10°	54.2	58.9	62.0	66.6	69.7	72.8	75.9	79.0	82.1	83.7
0.0	12.5°	43.4	48.0	52.7	55.8	60.4	65.1	68.2	71.3	74.4	77.5
0.0	15°	34.1	38.7	43.4	46.5	51.1	55.8	60.4	63.5	66.6	69.7
0.0	17.5°	24.8	29.4	34.1	37.2	41.8	46.5	49.6	54.2	57.3	60.4
0.0	20°	12.4	17.0	21.7	26.3	31.0	35.6	38.7	43.4	46.5	49.6
0.0	22.5°	1.5	6.2	10.8	13.9	18.6	23.2	26.3	31.0	34.1	37.2
0.0	25°	0.0	1.5	4.6	6.2	7.7	10.8	13.9	17.0	20.1	23.2
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.5	3.1	6.2	9.3	12.4
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
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	3.1
	85°	0.0	0.0	0.0	0.0	0.0	3.1	4.6	7.7	9.3	10.8
	87.5°	0.0	1.5	3.1	4.6	6.2	9.3	12.4	15.5	17.0	18.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048863

CATALOG NUMBER: GALN-SA4C-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
89.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.5	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											
6.2											
13.9											
20.1											
0.0											
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REPORT NUMBER: P1048863

CATALOG NUMBER: GALN-SA4C-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
0.0	2.5°	110.0	110.0	110.0	110.0	108.5	108.5	108.5	106.9	106.9	105.4
0.0	5°	100.7	102.3	102.3	102.3	102.3	102.3	102.3	102.3	100.7	100.7
0.0	7.5°	93.0	94.5	96.1	96.1	97.6	97.6	97.6	96.1	96.1	94.5
0.0	10°	88.3	89.9	89.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4
0.0	12.5°	82.1	83.7	85.2	85.2	86.8	86.8	86.8	86.8	85.2	85.2
0.0	15°	74.4	77.5	79.0	80.6	80.6	82.1	82.1	82.1	82.1	82.1
0.0	17.5°	68.2	71.3	72.8	74.4	74.4	75.9	75.9	77.5	77.5	77.5
0.0	20°	55.8	58.9	60.4	63.5	65.1	66.6	68.2	69.7	69.7	71.3
0.0	22.5°	43.4	46.5	48.0	51.1	52.7	54.2	55.8	57.3	58.9	60.4
0.0	25°	31.0	34.1	35.6	38.7	40.3	41.8	43.4	44.9	44.9	46.5
0.0	27.5°	17.0	20.1	23.2	24.8	27.9	29.4	31.0	32.5	34.1	35.6
0.0	30°	7.7	9.3	10.8	13.9	15.5	17.0	18.6	21.7	23.2	24.8
0.0	32.5°	0.0	0.0	1.5	4.6	6.2	7.7	9.3	10.8	10.8	12.4
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.1	4.6	6.2
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	3.1	3.1	3.1	4.6	4.6	4.6	4.6	4.6	4.6	4.6
	82.5°	7.7	9.3	10.8	10.8	12.4	12.4	12.4	12.4	10.8	10.8
	85°	15.5	17.0	18.6	18.6	20.1	20.1	20.1	20.1	20.1	20.1
	87.5°	21.7	23.2	24.8	24.8	26.3	26.3	26.3	26.3	26.3	26.3
	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: P1048863

CATALOG NUMBER: GALN-SA4C-740-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
89.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	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											
10.8											
20.1											
26.3											
0.0											
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REPORT NUMBER: P1048863

CATALOG NUMBER: GALN-SA4C-740-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°	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
0.0	2.5°	103.8	103.8	102.3	102.3	102.3	102.3	102.3	103.8	105.4	105.4
0.0	5°	99.2	99.2	97.6	97.6	97.6	99.2	99.2	100.7	102.3	103.8
0.0	7.5°	94.5	93.0	93.0	94.5	94.5	96.1	96.1	97.6	99.2	100.7
0.0	10°	91.4	89.9	89.9	89.9	91.4	91.4	93.0	94.5	96.1	97.6
0.0	12.5°	85.2	85.2	85.2	85.2	86.8	86.8	88.3	89.9	93.0	94.5
0.0	15°	82.1	80.6	80.6	80.6	80.6	82.1	82.1	85.2	88.3	89.9
0.0	17.5°	75.9	75.9	74.4	74.4	75.9	75.9	77.5	80.6	83.7	85.2
0.0	20°	69.7	68.2	66.6	66.6	68.2	68.2	69.7	72.8	75.9	77.5
0.0	22.5°	60.4	58.9	58.9	58.9	58.9	60.4	60.4	63.5	68.2	71.3
0.0	25°	48.0	49.6	49.6	51.1	51.1	52.7	54.2	57.3	62.0	65.1
0.0	27.5°	37.2	38.7	38.7	41.8	43.4	44.9	46.5	51.1	55.8	58.9
0.0	30°	27.9	29.4	31.0	32.5	35.6	38.7	41.8	46.5	51.1	54.2
0.0	32.5°	17.0	20.1	21.7	24.8	27.9	31.0	34.1	38.7	44.9	49.6
0.0	35°	12.4	13.9	17.0	18.6	21.7	24.8	27.9	34.1	38.7	44.9
0.0	37.5°	6.2	9.3	12.4	15.5	18.6	21.7	24.8	31.0	37.2	41.8
0.0	40°	4.6	7.7	9.3	12.4	17.0	20.1	23.2	29.4	35.6	41.8
0.0	42.5°	3.1	4.6	6.2	10.8	13.9	18.6	23.2	29.4	35.6	41.8
0.0	45°	3.1	3.1	4.6	9.3	13.9	20.1	24.8	31.0	35.6	41.8
0.0	47.5°	3.1	4.6	6.2	12.4	15.5	20.1	24.8	29.4	35.6	40.3
0.0	50°	4.6	6.2	7.7	13.9	17.0	21.7	24.8	31.0	35.6	41.8
0.0	52.5°	3.1	4.6	6.2	12.4	17.0	23.2	27.9	34.1	40.3	44.9
0.0	55°	1.5	1.5	1.5	9.3	18.6	26.3	35.6	40.3	46.5	51.1
0.0	57.5°	0.0	0.0	0.0	6.2	18.6	29.4	40.3	46.5	52.7	57.3
0.0	60°	0.0	0.0	0.0	6.2	18.6	29.4	40.3	48.0	55.8	63.5
0.0	62.5°	0.0	0.0	0.0	6.2	15.5	24.8	34.1	46.5	60.4	72.8
0.0	65°	0.0	0.0	0.0	4.6	12.4	20.1	27.9	46.5	65.1	82.1
0.0	67.5°	0.0	0.0	0.0	4.6	12.4	18.6	26.3	46.5	65.1	85.2
	70°	0.0	0.0	0.0	4.6	12.4	20.1	27.9	46.5	65.1	83.7
	72.5°	0.0	0.0	0.0	4.6	13.9	21.7	31.0	46.5	62.0	77.5
	75°	0.0	0.0	0.0	6.2	13.9	23.2	32.5	46.5	60.4	72.8
	77.5°	0.0	0.0	0.0	4.6	13.9	21.7	31.0	44.9	58.9	71.3
	80°	4.6	3.1	3.1	7.7	13.9	20.1	26.3	40.3	55.8	69.7
	82.5°	9.3	9.3	7.7	10.8	13.9	18.6	23.2	35.6	49.6	62.0
	85°	18.6	18.6	17.0	18.6	18.6	20.1	21.7	27.9	34.1	40.3
	87.5°	24.8	24.8	23.2	23.2	23.2	21.7	21.7	21.7	21.7	20.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
89.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.3											
93.0											
86.8											
85.2											
83.7											
74.4											
46.5											
20.1											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1048863

CATALOG NUMBER: GALN-SA4C-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
0.0	2.5°	108.5	110.0	110.0	111.6	113.1	114.7	114.7	116.2	116.2	116.2
0.0	5°	106.9	110.0	111.6	113.1	114.7	116.2	117.8	119.3	120.9	120.9
0.0	7.5°	105.4	106.9	110.0	111.6	114.7	116.2	119.3	120.9	122.4	124.0
0.0	10°	102.3	105.4	108.5	111.6	114.7	117.8	120.9	124.0	127.1	128.6
0.0	12.5°	99.2	103.8	106.9	110.0	114.7	119.3	122.4	127.1	130.2	133.3
0.0	15°	97.6	100.7	105.4	108.5	114.7	120.9	125.5	131.7	137.9	142.6
0.0	17.5°	93.0	99.2	103.8	108.5	114.7	122.4	128.6	134.8	144.1	153.4
0.0	20°	86.8	91.4	97.6	102.3	111.6	119.3	128.6	136.4	150.3	164.2
0.0	22.5°	80.6	86.8	91.4	97.6	108.5	117.8	128.6	137.9	161.1	182.8
0.0	25°	74.4	82.1	88.3	94.5	106.9	119.3	131.7	144.1	182.8	221.6
0.0	27.5°	71.3	77.5	85.2	91.4	106.9	124.0	139.5	154.9	216.9	277.4
0.0	30°	66.6	74.4	80.6	88.3	108.5	128.6	148.7	168.9	263.4	357.9
0.0	32.5°	62.0	69.7	77.5	85.2	111.6	137.9	162.7	189.0	313.0	435.4
0.0	35°	57.3	66.6	74.4	82.1	116.2	151.8	185.9	220.0	357.9	494.3
0.0	37.5°	55.8	65.1	72.8	80.6	117.8	153.4	190.6	226.2	362.6	498.9
0.0	40°	57.3	65.1	74.4	82.1	113.1	144.1	173.5	204.5	347.1	488.1
0.0	42.5°	57.3	66.6	75.9	85.2	110.0	134.8	159.6	184.4	342.4	500.5
0.0	45°	55.8	65.1	74.4	83.7	106.9	128.6	151.8	173.5	370.3	565.6
0.0	47.5°	54.2	63.5	72.8	82.1	105.4	128.6	151.8	175.1	478.8	780.9
0.0	50°	54.2	63.5	71.3	79.0	106.9	136.4	164.2	192.1	697.3	1200.8
0.0	52.5°	57.3	65.1	71.3	77.5	110.0	144.1	176.6	209.2	886.3	1561.9
0.0	55°	62.0	66.6	72.8	77.5	117.8	156.5	196.8	235.5	943.6	1651.7
0.0	57.5°	68.2	72.8	77.5	82.1	131.7	181.3	229.3	278.9	948.3	1616.1
0.0	60°	75.9	82.1	86.8	91.4	144.1	198.3	251.0	303.7	858.4	1411.6
0.0	62.5°	93.0	100.7	106.9	114.7	165.8	215.4	266.5	316.1	712.8	1109.4
0.0	65°	106.9	113.1	119.3	125.5	175.1	226.2	275.8	325.4	604.3	883.2
0.0	67.5°	110.0	116.2	120.9	127.1	178.2	229.3	278.9	330.0	517.5	703.5
	70°	111.6	119.3	128.6	136.4	189.0	241.7	292.9	345.5	458.6	571.8
	72.5°	106.9	122.4	136.4	150.3	199.9	247.9	297.5	345.5	426.1	506.7
	75°	106.9	128.6	148.7	168.9	206.1	241.7	278.9	314.5	376.5	438.5
	77.5°	113.1	141.0	168.9	196.8	218.5	238.6	260.3	280.5	320.7	361.0
	80°	113.1	142.6	170.4	199.9	209.2	220.0	229.3	238.6	243.3	247.9
	82.5°	97.6	120.9	144.1	167.3	156.5	145.7	134.8	124.0	116.2	106.9
	85°	49.6	54.2	57.3	60.4	55.8	51.1	46.5	41.8	38.7	34.1
	87.5°	20.1	20.1	18.6	18.6	18.6	18.6	17.0	17.0	17.0	17.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048863

CATALOG NUMBER: GALN-SA4C-740-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
89.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
243.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
330.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
458.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
621.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
776.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
881.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
960.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1039.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1194.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1504.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2293.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3512.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4422.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4522.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4081.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3489.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2727.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2060.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1521.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1076.9											
801.1											
582.6											
438.5											
246.4											
111.6											
32.5											
15.5											
0.0											
0.0											
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REPORT NUMBER: P1048863

CATALOG NUMBER: GALN-SA4C-740-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°	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
0.0	2.5°	116.2	114.7	114.7	113.1	111.6	110.0	108.5	106.9	105.4	103.8
0.0	5°	120.9	120.9	120.9	119.3	119.3	117.8	117.8	116.2	114.7	113.1
0.0	7.5°	125.5	127.1	127.1	128.6	128.6	128.6	128.6	127.1	127.1	127.1
0.0	10°	133.3	134.8	136.4	137.9	139.5	141.0	141.0	142.6	142.6	142.6
0.0	12.5°	142.6	147.2	150.3	154.9	158.0	162.7	165.8	170.4	173.5	176.6
0.0	15°	156.5	164.2	173.5	181.3	189.0	199.9	212.3	223.1	234.0	251.0
0.0	17.5°	176.6	201.4	226.2	249.5	274.3	328.5	382.7	435.4	489.6	568.7
0.0	20°	215.4	289.8	362.6	437.0	509.8	700.4	889.4	1080.0	1269.0	1472.0
0.0	22.5°	302.1	485.0	667.8	850.7	1033.5	1431.7	1828.4	2226.6	2623.3	3089.6
0.0	25°	438.5	774.7	1111.0	1445.7	1781.9	2404.8	3029.2	3652.1	4275.0	4880.8
0.0	27.5°	638.4	1152.8	1667.2	2180.1	2694.5	3539.0	4385.0	5229.5	6073.9	6758.8
0.0	30°	884.7	1582.0	2279.3	2976.5	3673.8	4634.5	5595.1	6554.3	7514.9	8263.3
0.0	32.5°	1117.2	1970.9	2824.7	3676.9	4530.7	5624.6	6720.1	7814.0	8907.9	9726.0
0.0	35°	1269.0	2301.0	3334.5	4366.4	5398.4	6582.2	7766.0	8948.2	10132.0	11066.3
0.0	37.5°	1420.9	2612.4	3802.4	4993.9	6183.9	7483.9	8784.0	10084.0	11384.0	12538.3
0.0	40°	1591.3	2988.9	4385.0	5782.6	7178.7	8718.9	10257.5	11797.7	13336.3	14964.8
0.0	42.5°	1887.3	3613.4	5341.0	7067.1	8793.3	10830.8	12868.4	14904.4	16941.9	19266.1
0.0	45°	2443.5	4876.2	7310.4	9743.1	12175.7	14874.9	17575.7	20274.8	22974.0	26066.8
0.0	47.5°	3805.5	7152.4	10497.7	13844.5	17189.8	20104.4	23017.4	25932.0	28845.0	31925.3
0.0	50°	5822.9	9718.3	13613.7	17507.5	21402.9	24040.1	26675.7	29312.9	31948.6	34878.6
0.0	52.5°	7282.5	11340.6	15400.2	19458.3	23516.3	25896.3	28277.9	30657.8	33037.8	35775.8
0.0	55°	7392.5	11427.4	15463.7	19498.6	23533.4	25924.2	28315.0	30705.9	33096.7	35998.9
0.0	57.5°	6545.0	10547.3	14548.0	18550.3	22551.0	25273.4	27994.3	30716.7	33437.6	36575.3
0.0	60°	5567.3	9571.1	13573.4	17577.2	21579.5	24715.6	27853.3	30989.4	34125.6	37064.9
0.0	62.5°	4343.2	8461.7	12581.7	16700.2	20818.7	24002.9	27187.0	30369.6	33553.8	35758.7
0.0	65°	3236.8	7236.0	11235.2	15232.9	19232.0	21782.5	24332.9	26881.8	29432.2	30797.3
0.0	67.5°	2339.7	5788.8	9236.4	12685.5	16133.1	17958.4	19783.7	21607.4	23432.7	24477.0
	70°	1582.0	3971.3	6359.0	8748.3	11136.1	12635.9	14137.4	15637.3	17137.2	18547.2
	72.5°	1095.5	2437.3	3780.7	5122.6	6464.4	7973.6	9481.2	10990.4	12498.0	13990.2
	75°	726.7	1337.2	1949.2	2559.7	3170.2	4287.4	5406.1	6523.3	7640.4	8529.8
	77.5°	516.0	698.8	883.2	1066.0	1248.9	1458.1	1668.8	1878.0	2087.1	2404.8
	80°	244.8	268.1	291.3	313.0	336.2	412.2	488.1	564.0	639.9	720.5
	82.5°	116.2	125.5	134.8	142.6	151.8	159.6	167.3	175.1	182.8	175.1
	85°	31.0	31.0	32.5	32.5	32.5	32.5	32.5	32.5	32.5	31.0
	87.5°	13.9	13.9	13.9	13.9	13.9	13.9	13.9	12.4	12.4	10.8
	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):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
89.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
269.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
646.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1676.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3556.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5486.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7443.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9013.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10545.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12000.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13694.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16593.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21590.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29159.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35005.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37808.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38513.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38902.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39713.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40002.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37965.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32163.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25522.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19955.6											
15482.3											
9419.2											
2722.4											
801.1											
165.8											
29.4											
10.8											
0.0											
0.0											
0.0											
0.0											
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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°	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
0.0	2.5°	100.7	99.2	97.6	96.1	94.5	91.4	91.4	89.9	89.9
0.0	5°	110.0	108.5	106.9	105.4	105.4	103.8	102.3	102.3	100.7
0.0	7.5°	125.5	124.0	122.4	120.9	120.9	119.3	119.3	117.8	117.8
0.0	10°	144.1	144.1	144.1	144.1	144.1	142.6	142.6	142.6	141.0
0.0	12.5°	181.3	182.8	185.9	189.0	193.7	193.7	193.7	192.1	192.1
0.0	15°	286.7	303.7	316.1	328.5	339.3	364.1	361.0	356.4	353.3
0.0	17.5°	725.2	802.6	844.5	884.7	926.6	1041.2	1022.7	1004.1	987.0
0.0	20°	1879.5	2082.5	2217.3	2352.1	2488.5	2703.8	2651.1	2598.5	2545.8
0.0	22.5°	4020.9	4487.3	4690.3	4893.2	5094.7	5355.0	5186.1	5017.2	4849.8
0.0	25°	6091.0	6696.8	7039.3	7381.7	7722.6	7871.3	7651.3	7429.7	7209.7
0.0	27.5°	8128.5	8813.4	9115.5	9416.1	9718.3	10029.7	9757.0	9482.8	9210.1
0.0	30°	9761.7	10510.1	10837.0	11162.4	11489.3	11706.3	11424.3	11140.7	10858.7
0.0	32.5°	11363.8	12181.9	12539.9	12897.8	13254.2	13565.6	13218.5	12869.9	12522.8
0.0	35°	12933.4	13867.8	14360.5	14853.2	15346.0	15635.7	15223.6	14809.9	14397.7
0.0	37.5°	14848.6	16002.9	16554.6	17106.2	17657.8	18186.2	17732.2	17276.6	16822.6
0.0	40°	18221.8	19850.3	20696.3	21543.9	22389.9	23071.6	22498.3	21925.0	21351.7
0.0	42.5°	23914.5	26238.8	27455.1	28669.9	29886.2	30950.7	30348.0	29745.2	29142.5
0.0	45°	32252.3	35345.0	36827.8	38309.1	39792.0	40569.8	39702.1	38832.9	37965.2
0.0	47.5°	38084.5	41164.8	42485.0	43805.1	45125.3	46013.1	44951.7	43890.3	42830.5
0.0	50°	40737.2	43667.2	44992.0	46315.3	47640.1	48345.1	47119.4	45892.3	44666.6
0.0	52.5°	41250.0	43988.0	45568.4	47150.4	48730.9	49673.0	48225.8	46777.0	45329.8
0.0	55°	41804.7	44706.9	46539.9	48374.5	50207.5	51512.2	49875.9	48238.2	46601.9
0.0	57.5°	42849.1	45986.8	47815.1	49642.0	51470.4	52578.2	50937.3	49294.9	47654.0
0.0	60°	42942.1	45879.9	47451.0	49023.7	50594.9	51292.2	49722.5	48151.4	46581.8
0.0	62.5°	40170.1	42375.0	43465.8	44556.6	45647.4	46405.1	44767.3	43128.0	41490.2
0.0	65°	33529.0	34894.1	35763.4	36632.6	37501.9	38405.2	36905.3	35405.4	33905.5
0.0	67.5°	26567.2	27611.6	28756.6	29901.7	31046.8	32012.1	30811.2	29608.9	28408.0
	70°	21365.7	22774.1	24061.7	25349.4	26637.0	27427.2	26221.7	25014.7	23809.2
	72.5°	16974.5	18466.6	19541.9	20615.7	21691.1	21884.7	20998.4	20112.1	19227.4
	75°	10307.1	11196.5	11218.2	11238.3	11260.0	11444.4	10709.9	9975.5	9242.6
	77.5°	3040.1	3357.7	3619.6	3879.9	4141.7	4457.8	4188.2	3917.1	3647.5
	80°	880.1	960.7	1028.8	1095.5	1163.7	1123.4	1059.8	996.3	932.8
	82.5°	158.0	148.7	147.2	145.7	145.7	137.9	125.5	113.1	100.7
	85°	27.9	26.3	24.8	23.2	21.7	20.1	17.0	15.5	12.4
	87.5°	9.3	7.7	6.2	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: P1048863

CATALOG NUMBER: GALN-SA4C-740-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°	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
0.0	0.0	2.5°	88.3	86.8	86.8	86.8	86.8	85.2	85.2	85.2	85.2
0.0	0.0	5°	97.6	97.6	96.1	96.1	94.5	94.5	93.0	93.0	91.4
0.0	0.0	7.5°	114.7	113.1	111.6	110.0	108.5	105.4	103.8	102.3	102.3
0.0	0.0	10°	137.9	134.8	133.3	130.2	128.6	125.5	122.4	119.3	116.2
0.0	0.0	12.5°	181.3	175.1	170.4	164.2	158.0	153.4	147.2	142.6	136.4
0.0	0.0	15°	314.5	299.0	282.0	261.9	240.2	220.0	198.3	185.9	172.0
0.0	0.0	17.5°	804.2	723.6	641.5	574.9	508.2	443.1	376.5	328.5	280.5
0.0	0.0	20°	2046.9	1823.7	1600.6	1380.6	1159.0	939.0	717.4	605.8	494.3
0.0	0.0	22.5°	3852.0	3438.3	3023.0	2621.7	2218.8	1817.5	1416.2	1163.7	912.6
0.0	0.0	25°	5945.3	5424.7	4904.1	4244.0	3582.4	2922.3	2262.2	1851.6	1441.0
0.0	0.0	27.5°	7736.5	7136.9	6537.2	5734.6	4932.0	4129.3	3326.7	2714.7	2104.2
0.0	0.0	30°	9287.5	8643.0	7998.4	7064.0	6129.7	5195.4	4261.0	3495.6	2730.2
0.0	0.0	32.5°	10632.5	9860.8	9089.2	8125.4	7161.7	6197.9	5234.1	4295.1	3356.2
0.0	0.0	35°	12183.5	11283.3	10381.5	9312.3	8241.6	7172.5	6103.4	5043.5	3982.1
0.0	0.0	37.5°	14154.4	13049.7	11943.3	10751.8	9560.2	8370.2	7178.7	5967.0	4755.3
0.0	0.0	40°	17927.4	16501.9	15076.4	13562.5	12047.1	10533.3	9019.5	7532.0	6044.5
0.0	0.0	42.5°	24687.7	22761.7	20835.7	18821.4	16805.6	14791.3	12775.4	10677.4	8577.9
0.0	0.0	45°	32317.3	29928.0	27537.2	25276.5	23014.3	20753.6	18492.9	15614.0	12735.1
0.0	0.0	47.5°	36607.8	34027.9	31448.1	29308.3	27168.4	25028.6	22888.8	19785.2	16681.6
0.0	0.0	50°	38186.7	35560.4	32934.0	30964.6	28993.7	27024.3	25053.4	21945.2	18835.4
0.0	0.0	52.5°	38523.0	35843.9	33164.9	31183.1	29201.3	27221.1	25239.3	22151.2	19063.2
0.0	0.0	55°	39214.0	36339.8	33463.9	31204.8	28945.7	26686.6	24427.4	21289.7	18152.1
0.0	0.0	57.5°	40117.4	37170.3	34223.2	31649.5	29075.8	26503.7	23930.0	20499.5	17069.0
0.0	0.0	60°	39880.3	37315.9	34750.0	31993.5	29235.4	26478.9	23720.9	19947.9	16173.4
0.0	0.0	62.5°	35764.9	33722.7	31679.0	29412.1	27143.6	24876.8	22609.9	18725.4	14840.8
0.0	0.0	65°	29422.9	27932.3	26441.7	24618.0	22792.7	20969.0	19145.3	15662.1	12180.4
0.0	0.0	67.5°	23846.4	22166.7	20485.6	19032.2	17577.2	16123.8	14668.8	11927.8	9186.8
		70°	18945.4	17118.6	15290.2	13870.9	12450.0	11030.7	9611.4	7789.2	5968.6
		72.5°	15045.4	13398.3	11751.2	10237.4	8722.0	7208.1	5692.8	4615.9	3539.0
		75°	7191.1	6532.6	5874.0	5082.3	4290.5	3498.7	2706.9	2237.4	1769.5
		77.5°	2665.1	2310.3	1953.9	1631.6	1309.3	988.6	666.3	610.5	554.7
		80°	689.5	601.2	511.3	447.8	382.7	319.2	255.7	230.9	207.6
		82.5°	79.0	72.8	68.2	65.1	60.4	57.3	52.7	48.0	43.4
		85°	4.6	3.1	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: P1048863

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	89.9	89.9
0.0	0.0	2.5°	83.7	82.1
0.0	0.0	5°	88.3	86.8
0.0	0.0	7.5°	97.6	94.5
0.0	0.0	10°	106.9	103.8
0.0	0.0	12.5°	120.9	116.2
0.0	0.0	15°	136.4	127.1
0.0	0.0	17.5°	162.7	142.6
0.0	0.0	20°	220.0	168.9
0.0	0.0	22.5°	309.9	210.7
0.0	0.0	25°	455.5	291.3
0.0	0.0	27.5°	633.7	387.4
0.0	0.0	30°	842.9	485.0
0.0	0.0	32.5°	1027.3	578.0
0.0	0.0	35°	1267.5	672.5
0.0	0.0	37.5°	1563.4	793.3
0.0	0.0	40°	2022.1	976.2
0.0	0.0	42.5°	2847.9	1314.0
0.0	0.0	45°	4625.2	2271.5
0.0	0.0	47.5°	7116.7	3757.5
0.0	0.0	50°	8706.5	4795.6
0.0	0.0	52.5°	8836.6	4787.9
0.0	0.0	55°	8066.6	4256.4
0.0	0.0	57.5°	6882.8	3557.6
0.0	0.0	60°	5720.6	2813.8
0.0	0.0	62.5°	4507.4	1943.0
0.0	0.0	65°	3294.2	1374.4
0.0	0.0	67.5°	2366.0	1027.3
		70°	1555.7	787.1
		72.5°	1013.4	641.5
		75°	681.8	531.5
		77.5°	398.2	353.3
		80°	141.0	124.0
		82.5°	26.3	18.6
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1048863

CATALOG NUMBER: GALN-SA4C-740-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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

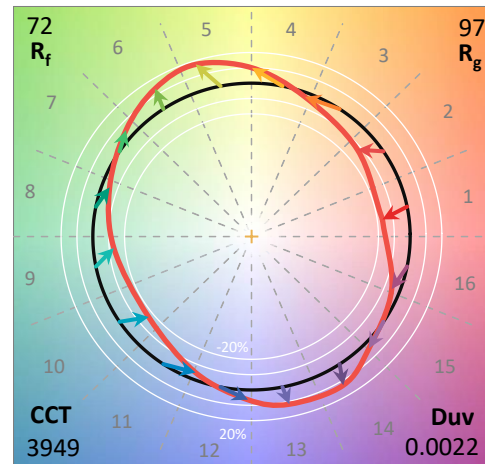
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

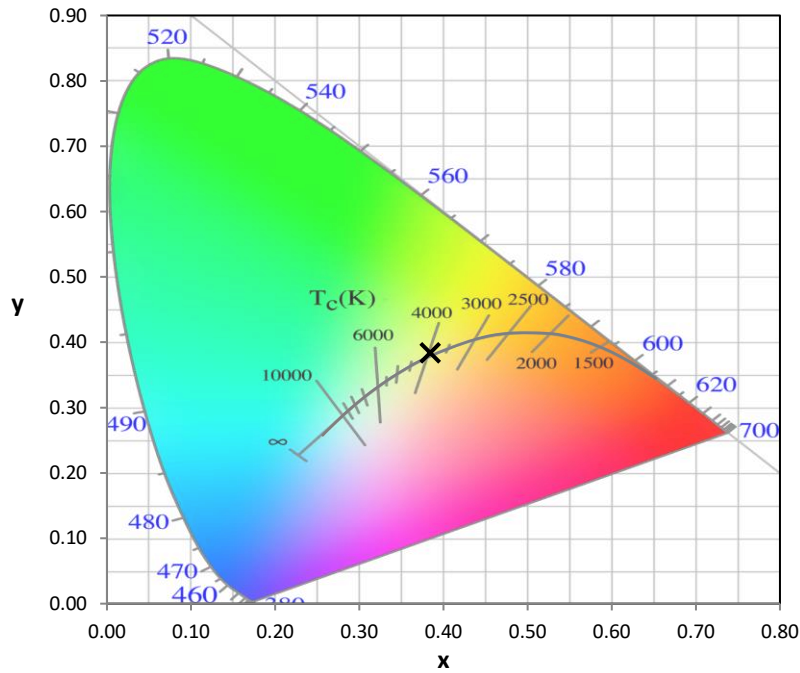
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

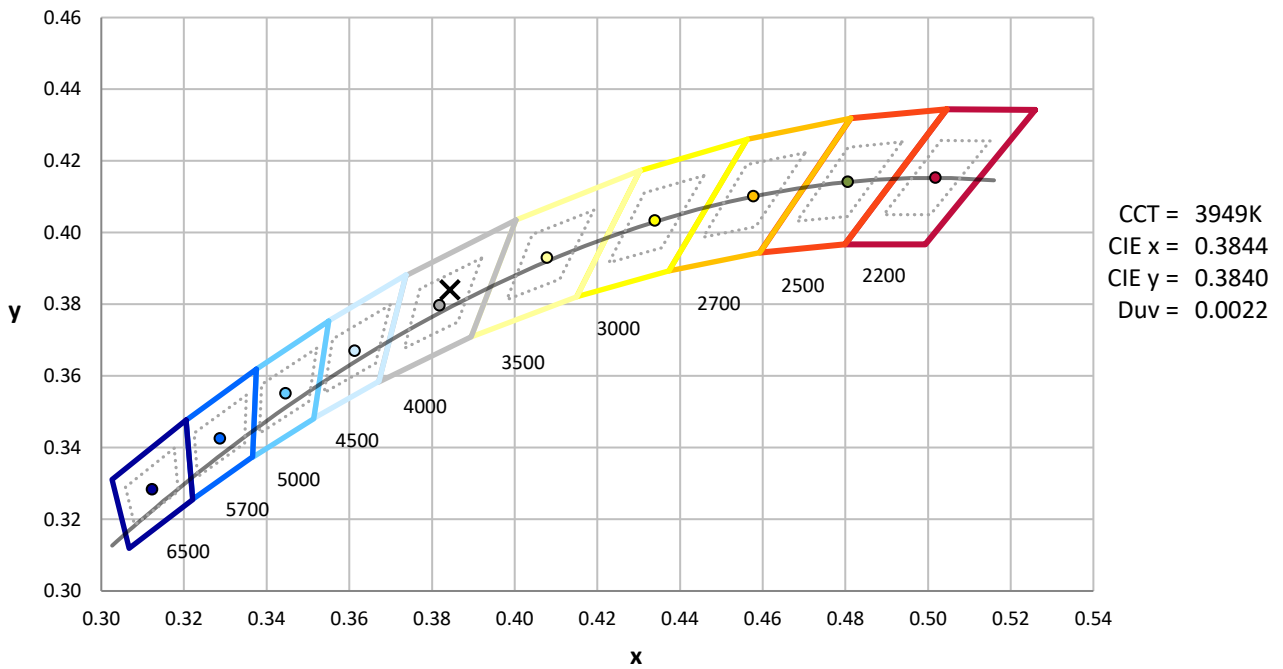
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



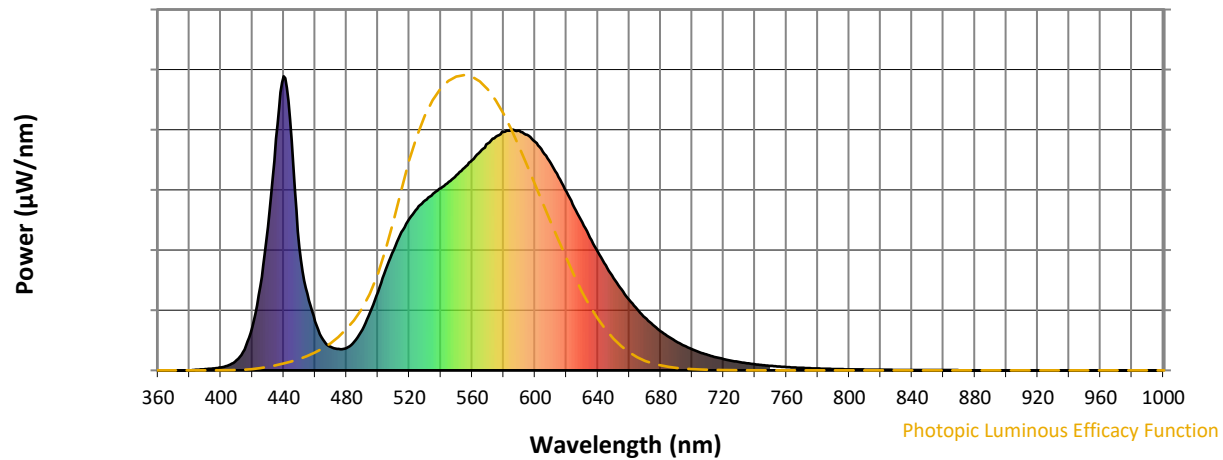
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

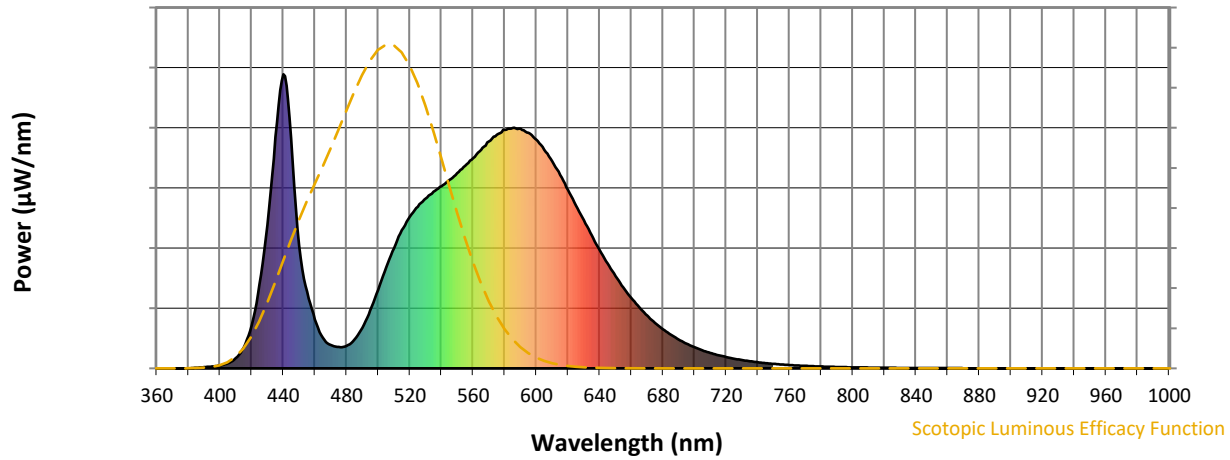


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

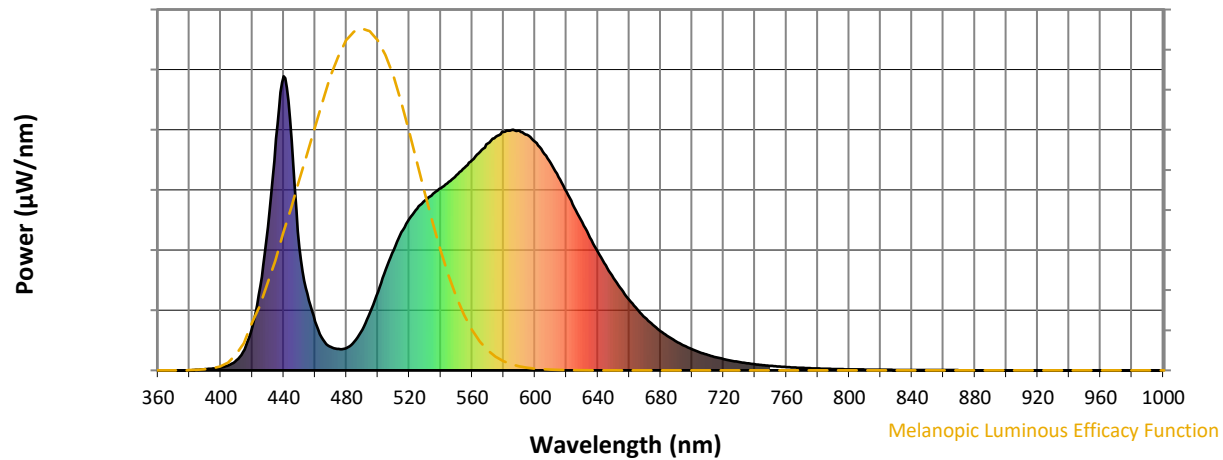
Scotopic Flux vs. Wavelength


Scotopic Lumens: NR
S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

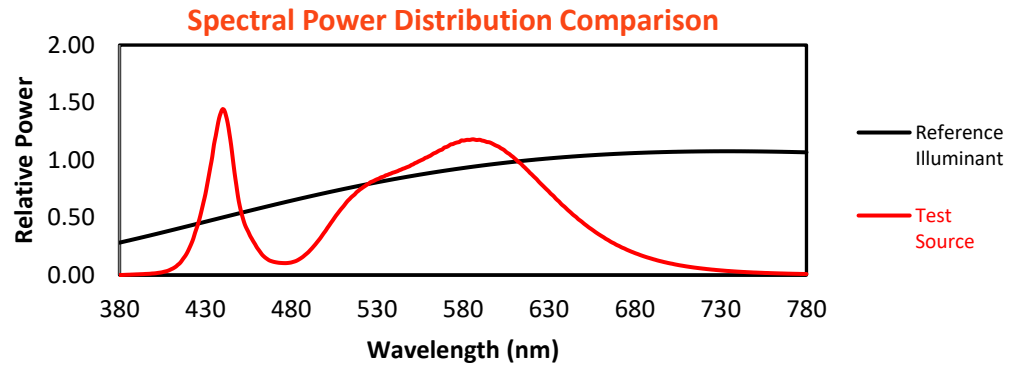
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

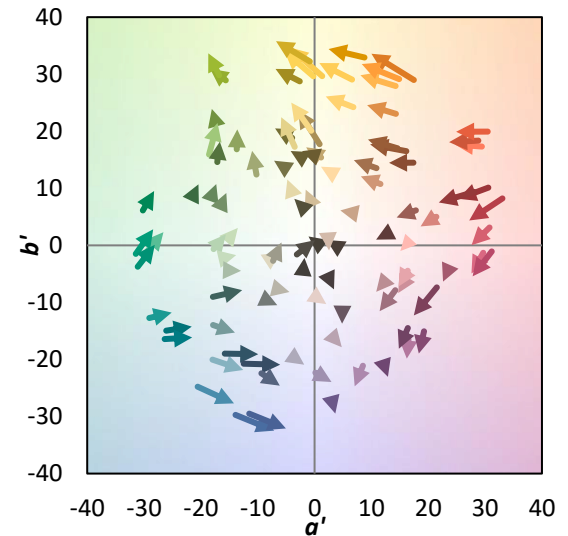
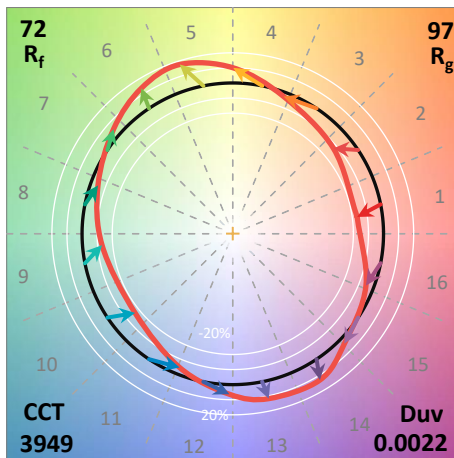
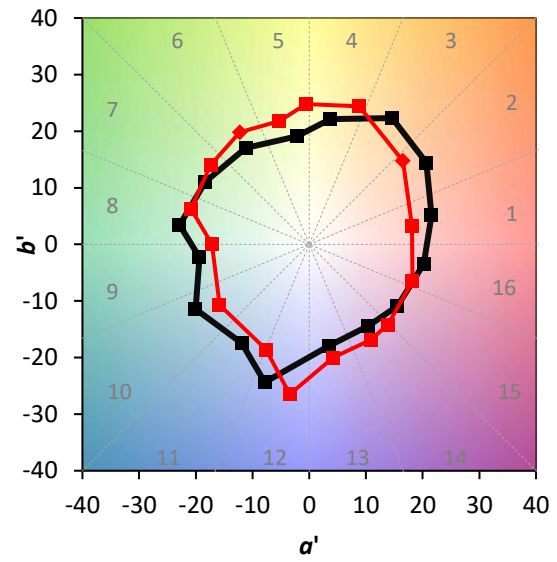
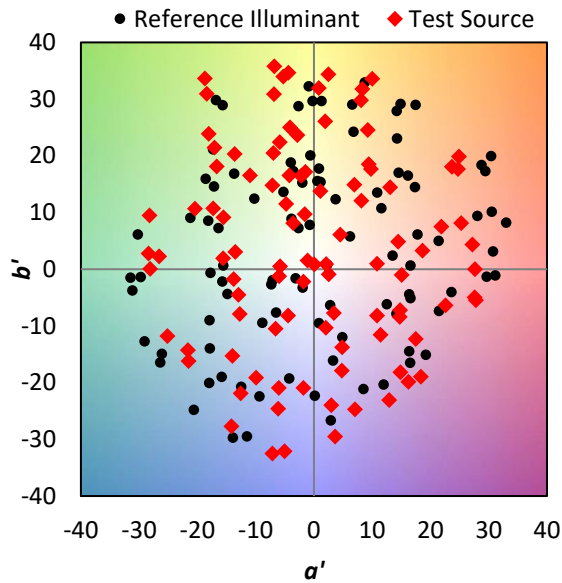
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 $CIE R_a = 70.7$
 $R_g = -36.7$

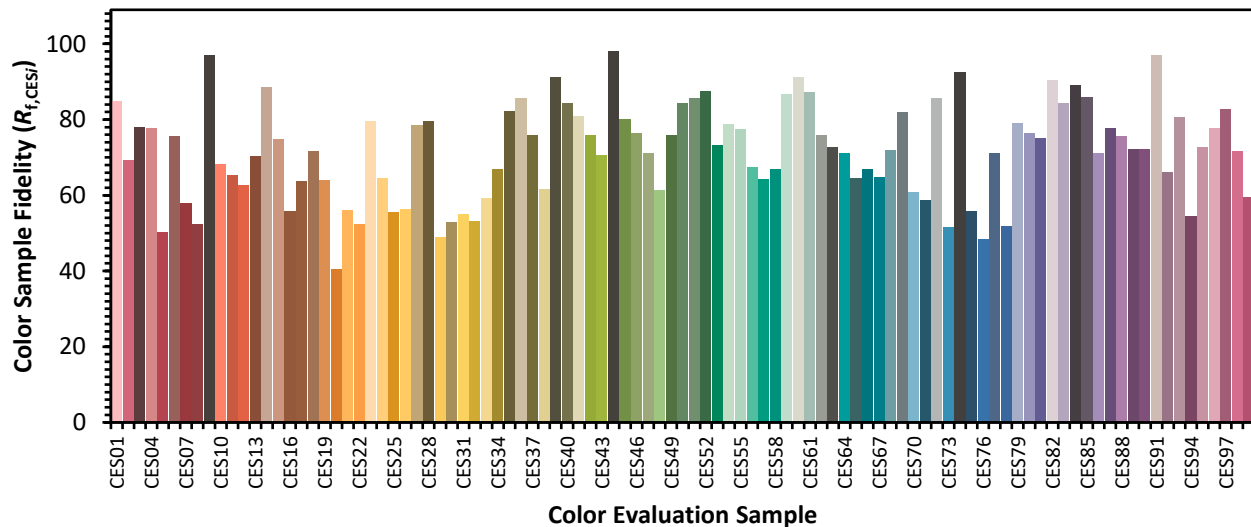


Color Vector Graphics

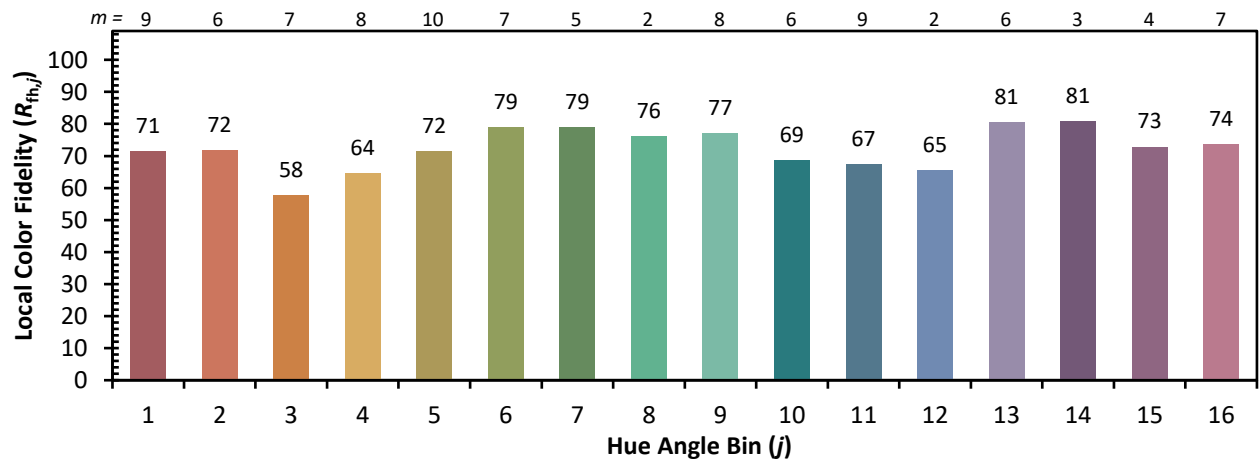
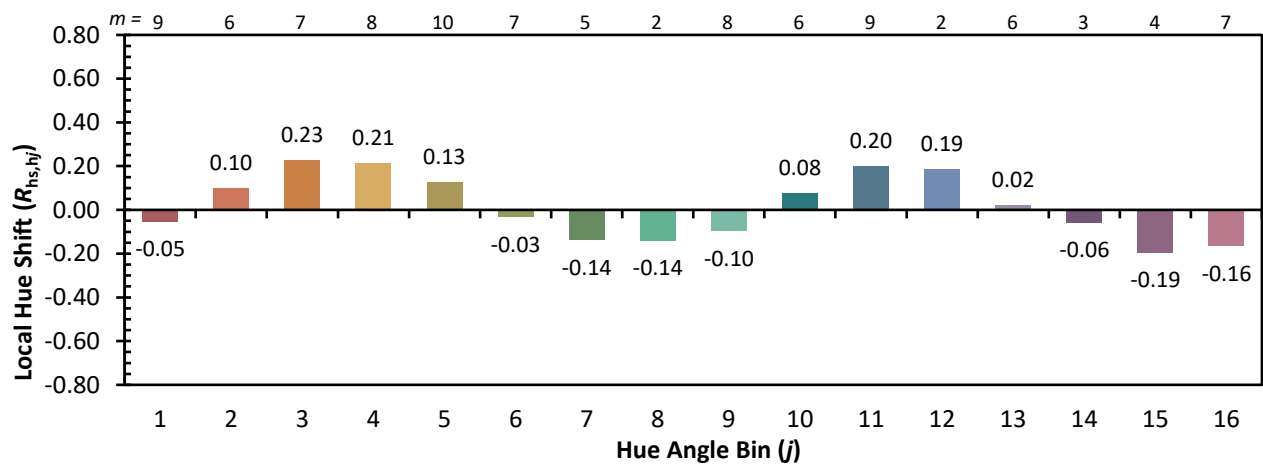
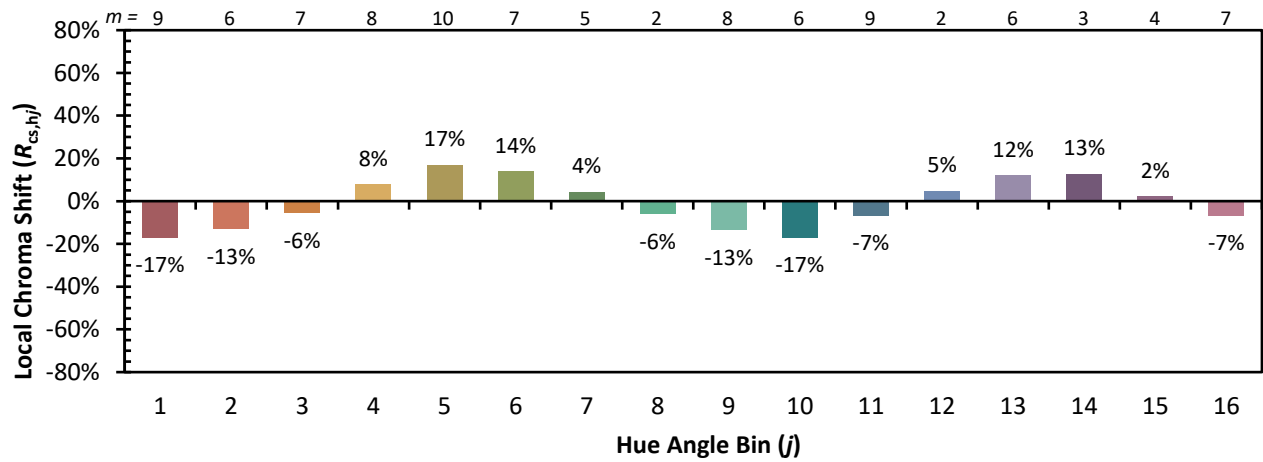


Individual Sample Fidelity Index ($R_{f,i}$)

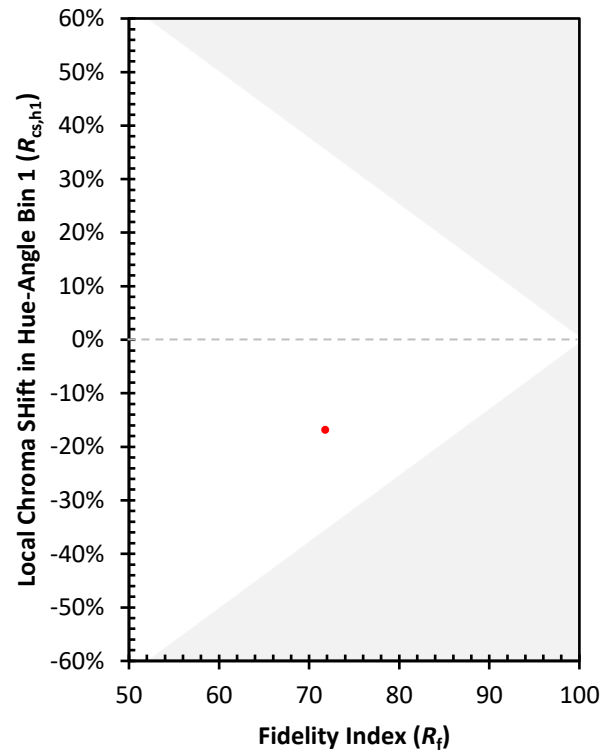
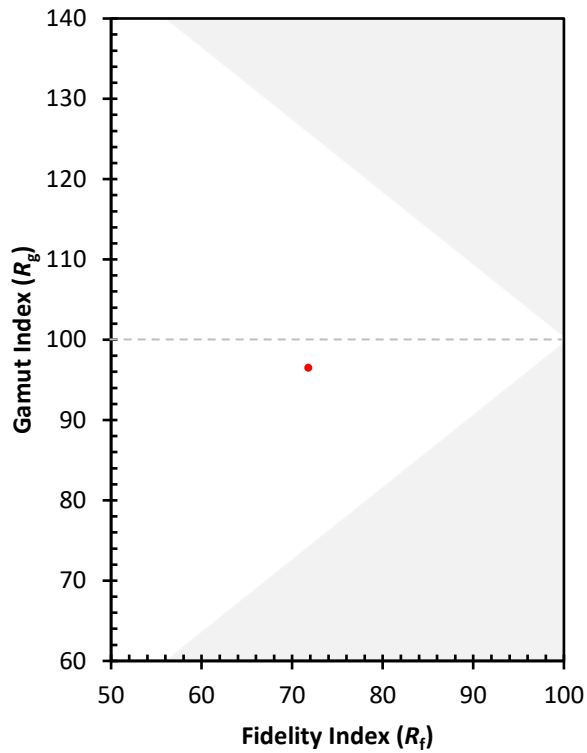
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)