

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: P1048866

Luminaire Tested: **GALN-SA5B-740-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048866
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5B-740-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
70CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20309.2 lumens
Efficiency: N/A
Efficacy: 113.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 178.8
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

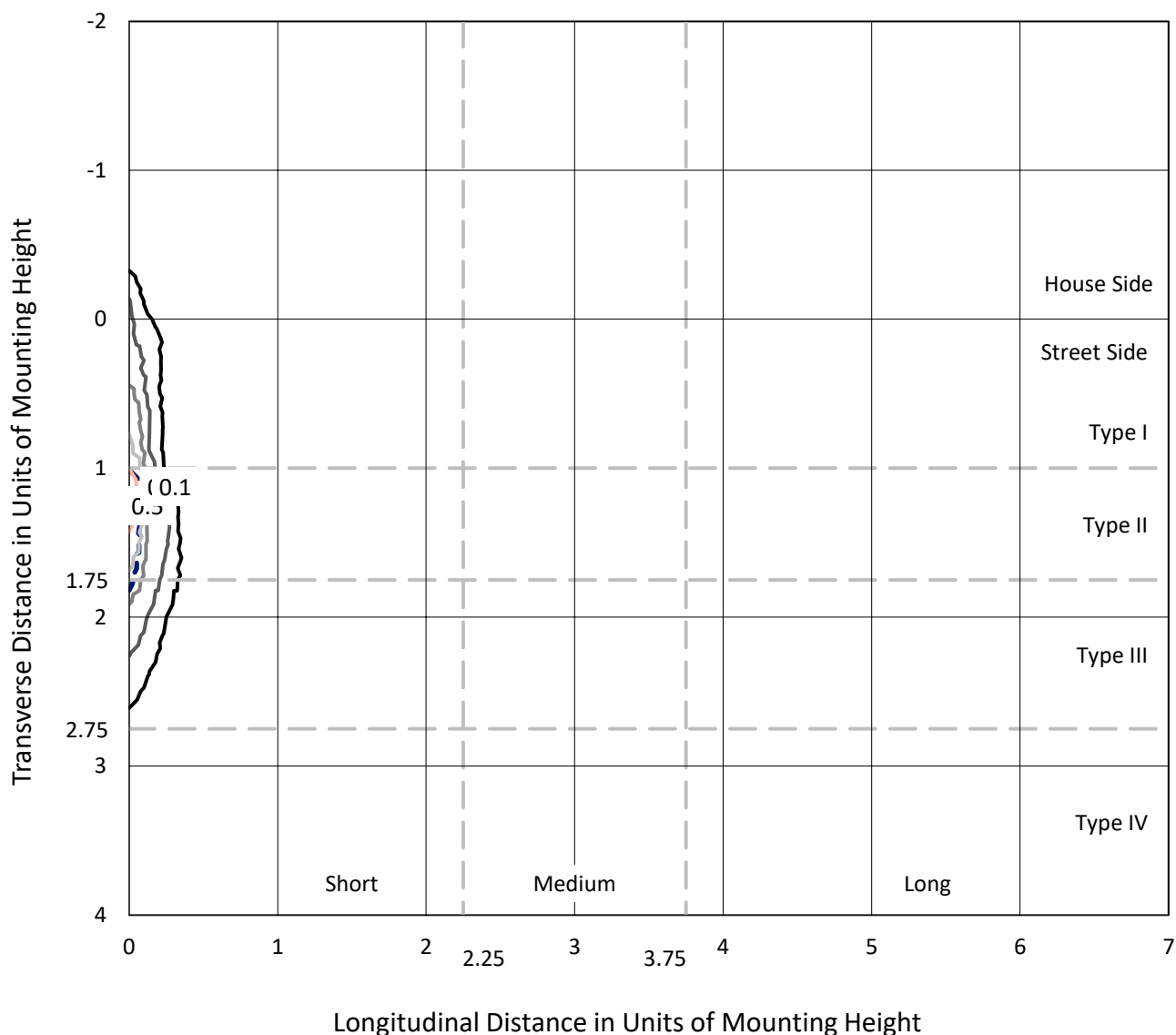
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



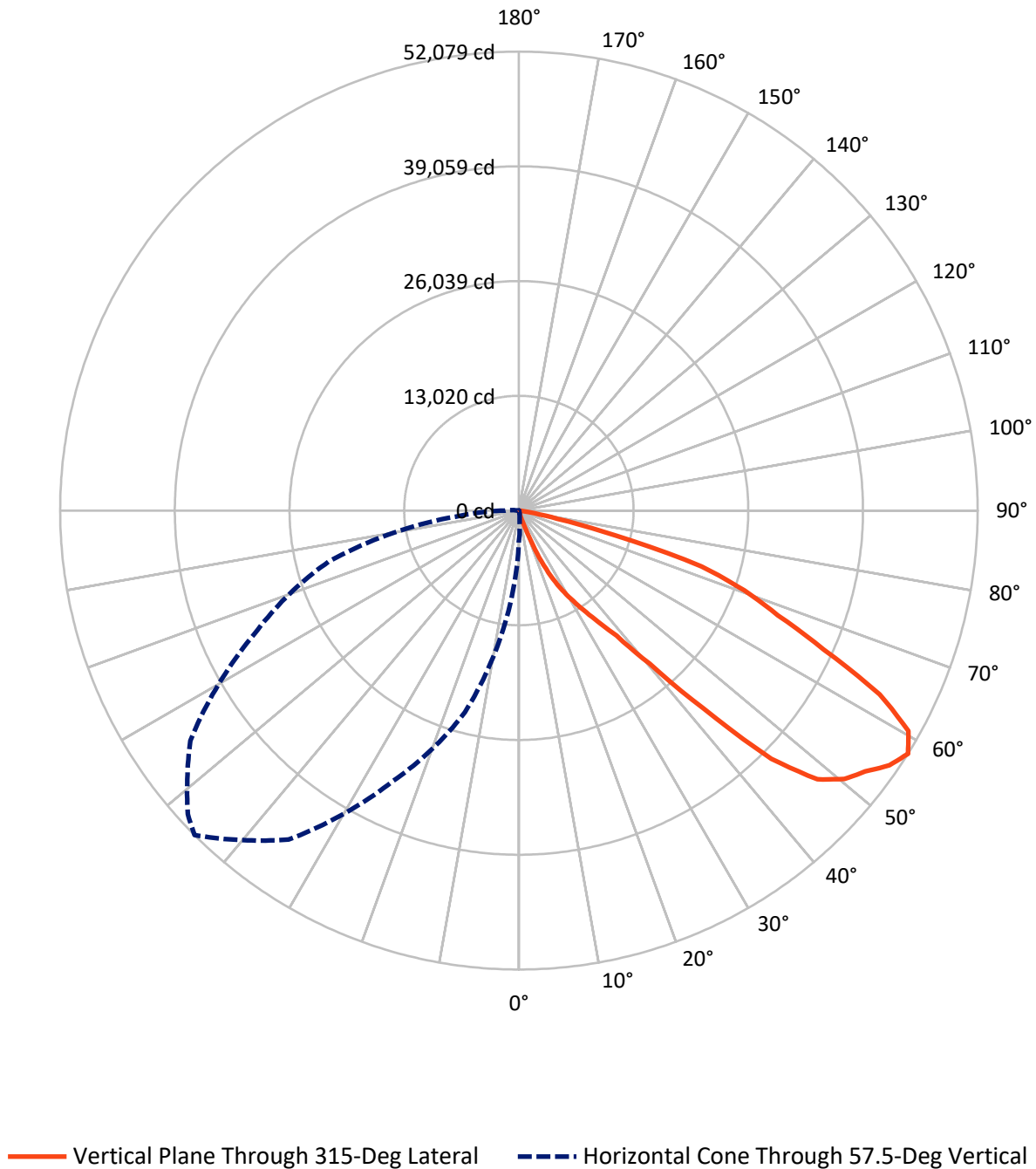
Based on 20 foot mounting height. Maximum calculated value = 3 fc

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	101.7	0.0	101.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	20207.5	0.0	20207.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	20309.2	0.0	20309.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.0	0.0
10°-20°	44.6	0.2
20°-30°	481.3	2.4
30°-40°	1423.3	7.0
40°-50°	4241.8	20.9
50°-60°	6725.9	33.1
60°-70°	5614.5	27.6
70°-80°	1731.3	8.5
80°-90°	38.5	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°	20309.2	100.0
0°-180°	20309.2	100.0



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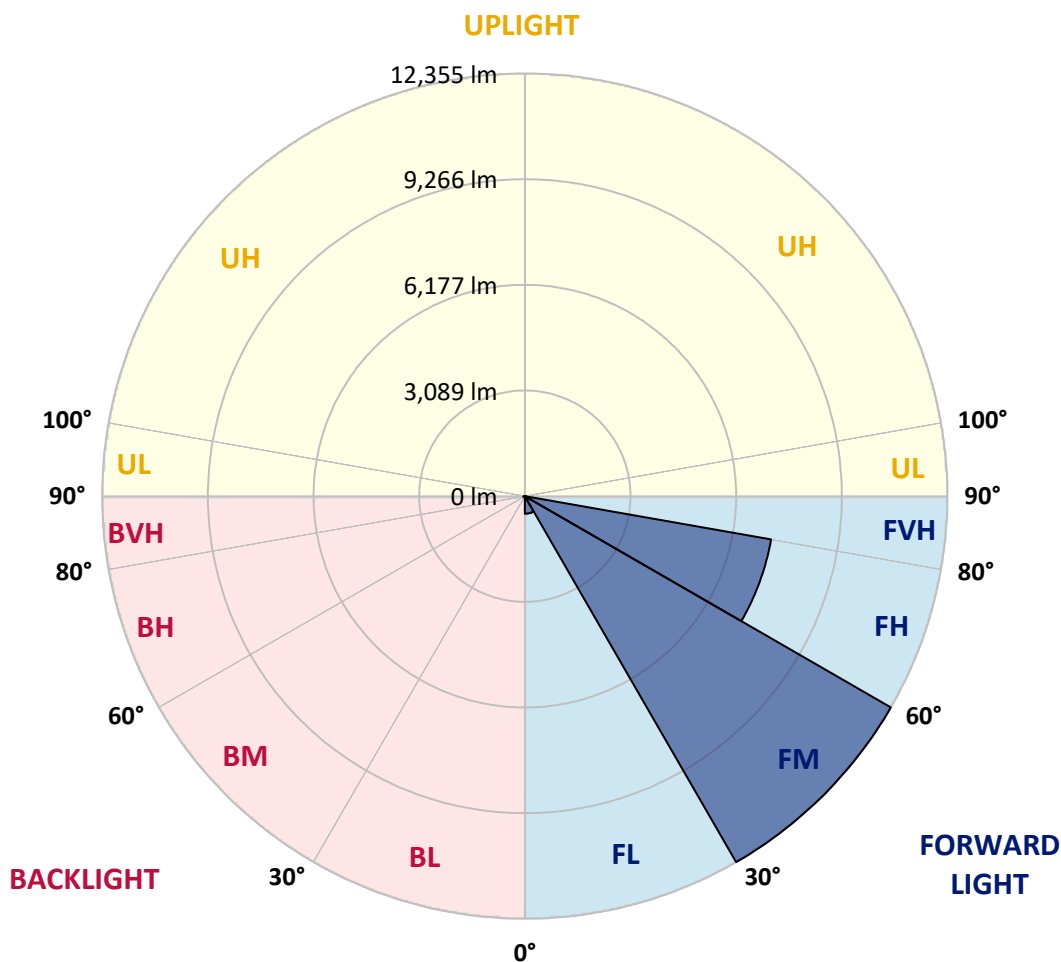
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	515.2	2.5			
FM	(30°-60°)	12354.6	60.8			
FH	(60°-80°)	7307.9	36.0			G3/7500
FVH	(80°-90°)	29.8	0.1			G1/100
BL	(0°-30°)	18.7	0.1	B0/110		
BM	(30°-60°)	36.4	0.2	B0/220		
BH	(60°-80°)	37.9	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°	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
2.5°	81.3	81.3	81.3	81.3	79.8	79.8	78.3	78.3	76.7	76.7
5°	85.9	85.9	84.4	82.9	82.9	81.3	79.8	78.3	78.3	76.7
7.5°	93.6	92.1	90.5	89.0	85.9	84.4	81.3	79.8	78.3	75.2
10°	102.8	99.8	96.7	93.6	90.5	87.5	84.4	82.9	79.8	78.3
12.5°	115.1	110.5	104.4	99.8	96.7	92.1	89.0	85.9	81.3	78.3
15°	125.8	119.7	112.0	105.9	101.3	95.2	90.5	85.9	82.9	78.3
17.5°	141.2	130.5	118.2	110.5	104.4	96.7	89.0	84.4	79.8	73.7
20°	167.3	145.8	122.8	113.6	104.4	95.2	85.9	79.8	75.2	69.1
22.5°	208.7	171.9	135.1	121.2	109.0	95.2	82.9	76.7	70.6	64.5
25°	288.5	222.5	156.5	138.1	119.7	101.3	82.9	75.2	69.1	61.4
27.5°	383.7	285.5	185.7	159.6	135.1	109.0	82.9	73.7	66.0	56.8
30°	480.4	349.9	217.9	184.2	150.4	116.6	82.9	72.1	62.9	52.2
32.5°	572.5	409.8	245.6	205.7	165.8	124.3	84.4	72.1	59.9	47.6
35°	666.1	458.9	250.2	208.7	167.3	124.3	82.9	69.1	56.8	43.0
37.5°	785.8	514.1	241.0	199.5	159.6	118.2	78.3	66.0	53.7	39.9
40°	966.9	606.2	245.6	202.6	159.6	116.6	73.7	61.4	50.6	38.4
42.5°	1301.5	784.3	265.5	216.4	167.3	116.6	67.5	56.8	47.6	36.8
45°	2249.9	1303.0	356.1	282.4	208.7	135.1	61.4	52.2	44.5	35.3
47.5°	3721.8	2180.9	640.0	494.2	349.9	204.1	59.9	52.2	44.5	35.3
50°	4750.0	2777.9	805.7	620.0	434.3	248.6	62.9	53.7	46.0	36.8
52.5°	4742.4	2820.9	897.8	689.1	481.9	273.2	66.0	56.8	49.1	39.9
55°	4215.9	2566.1	914.7	702.9	492.7	280.9	70.6	61.4	52.2	43.0
57.5°	3523.8	2179.3	834.9	646.1	458.9	270.1	81.3	70.6	61.4	50.6
60°	2787.1	1718.9	650.7	514.1	379.1	242.5	107.4	93.6	81.3	67.5
62.5°	1924.6	1246.2	567.9	455.8	345.3	233.3	122.8	109.0	96.7	82.9
65°	1361.3	937.7	512.6	417.5	323.8	228.7	133.5	118.2	104.4	89.0
67.5°	1017.5	745.9	472.7	391.4	310.0	228.7	147.3	128.9	112.0	93.6
70°	779.7	612.4	443.5	377.5	313.1	247.1	181.1	155.0	130.5	104.4
72.5°	635.4	523.3	409.8	362.2	314.6	267.0	219.5	185.7	151.9	116.6
75°	526.4	448.1	369.9	330.0	291.6	251.7	211.8	181.1	151.9	121.2
77.5°	349.9	319.2	287.0	264.0	241.0	216.4	193.4	167.3	142.7	116.6
80°	122.8	118.2	113.6	122.8	132.0	141.2	150.4	132.0	115.1	96.7
82.5°	18.4	16.9	15.3	16.9	18.4	20.0	21.5	23.0	24.6	26.1
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°	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
0.0	2.5°	75.2	75.2	73.7	73.7	73.7	72.1	72.1	70.6	70.6	70.6
0.0	5°	73.7	73.7	72.1	70.6	69.1	69.1	67.5	66.0	66.0	64.5
0.0	7.5°	72.1	70.6	69.1	67.5	66.0	64.5	62.9	61.4	61.4	59.9
0.0	10°	73.7	70.6	69.1	66.0	64.5	62.9	59.9	58.3	56.8	56.8
0.0	12.5°	70.6	69.1	66.0	62.9	61.4	58.3	56.8	53.7	52.2	52.2
0.0	15°	70.6	67.5	62.9	59.9	56.8	55.3	52.2	49.1	47.6	46.0
0.0	17.5°	66.0	62.9	58.3	55.3	52.2	49.1	46.0	43.0	41.4	39.9
0.0	20°	59.9	56.8	52.2	47.6	44.5	41.4	38.4	35.3	33.8	32.2
0.0	22.5°	53.7	50.6	46.0	41.4	38.4	35.3	30.7	27.6	26.1	23.0
0.0	25°	50.6	46.0	41.4	36.8	32.2	29.2	24.6	20.0	16.9	13.8
0.0	27.5°	43.0	38.4	33.8	29.2	24.6	20.0	15.3	10.7	7.7	6.1
0.0	30°	36.8	32.2	27.6	23.0	16.9	12.3	7.7	1.5	1.5	1.5
0.0	32.5°	30.7	26.1	20.0	15.3	12.3	7.7	4.6	0.0	0.0	0.0
0.0	35°	24.6	20.0	13.8	9.2	7.7	4.6	3.1	0.0	0.0	0.0
0.0	37.5°	21.5	16.9	10.7	4.6	3.1	3.1	1.5	0.0	0.0	0.0
0.0	40°	20.0	13.8	7.7	1.5	1.5	1.5	0.0	0.0	0.0	0.0
0.0	42.5°	20.0	13.8	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	20.0	13.8	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	20.0	13.8	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	21.5	15.3	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	24.6	18.4	12.3	6.1	4.6	3.1	1.5	0.0	0.0	0.0
0.0	55°	30.7	27.6	23.0	20.0	15.3	10.7	4.6	0.0	0.0	0.0
0.0	57.5°	39.9	39.9	38.4	36.8	27.6	18.4	9.2	0.0	0.0	0.0
0.0	60°	53.7	53.7	53.7	53.7	39.9	27.6	13.8	0.0	0.0	0.0
0.0	62.5°	66.0	62.9	58.3	55.3	41.4	27.6	13.8	0.0	0.0	0.0
0.0	65°	66.0	59.9	52.2	44.5	33.8	23.0	10.7	0.0	0.0	0.0
0.0	67.5°	61.4	49.1	35.3	23.0	16.9	12.3	6.1	0.0	0.0	0.0
	70°	61.4	43.0	24.6	6.1	4.6	3.1	1.5	0.0	0.0	0.0
	72.5°	61.4	41.4	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	67.5	46.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	67.5	46.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	59.9	39.9	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	20.0	13.8	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):

[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°	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
0.0	2.5°	69.1	69.1	69.1	67.5	67.5	67.5	67.5	66.0	66.0	66.0
0.0	5°	62.9	62.9	61.4	61.4	59.9	59.9	58.3	58.3	56.8	56.8
0.0	7.5°	58.3	56.8	56.8	55.3	53.7	53.7	52.2	52.2	50.6	49.1
0.0	10°	53.7	52.2	52.2	50.6	49.1	47.6	47.6	46.0	44.5	43.0
0.0	12.5°	49.1	47.6	46.0	44.5	43.0	41.4	41.4	39.9	38.4	36.8
0.0	15°	43.0	41.4	39.9	38.4	36.8	35.3	35.3	33.8	32.2	30.7
0.0	17.5°	36.8	35.3	35.3	33.8	32.2	30.7	29.2	26.1	24.6	23.0
0.0	20°	27.6	26.1	24.6	23.0	21.5	18.4	16.9	13.8	10.7	9.2
0.0	22.5°	18.4	15.3	13.8	10.7	7.7	6.1	4.6	1.5	0.0	0.0
0.0	25°	6.1	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: P1048866

CATALOG NUMBER: GALN-SA5B-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048866

CATALOG NUMBER: GALN-SA5B-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°	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
0.0	2.5°	64.5	64.5	64.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9
0.0	5°	55.3	55.3	55.3	53.7	53.7	52.2	52.2	52.2	50.6	50.6
0.0	7.5°	47.6	46.0	46.0	44.5	44.5	43.0	43.0	43.0	41.4	41.4
0.0	10°	39.9	38.4	38.4	36.8	36.8	35.3	35.3	33.8	33.8	32.2
0.0	12.5°	35.3	33.8	32.2	30.7	30.7	29.2	27.6	27.6	26.1	24.6
0.0	15°	27.6	26.1	24.6	23.0	21.5	20.0	18.4	18.4	16.9	15.3
0.0	17.5°	18.4	15.3	13.8	12.3	12.3	10.7	9.2	7.7	6.1	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
	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



REPORT NUMBER: P1048866

CATALOG NUMBER: GALN-SA5B-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048866

CATALOG NUMBER: GALN-SA5B-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°	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
0.0	2.5°	62.9	61.4	61.4	61.4	62.9	62.9	62.9	62.9	62.9	62.9
0.0	5°	50.6	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
0.0	7.5°	41.4	39.9	39.9	39.9	39.9	38.4	38.4	38.4	38.4	38.4
0.0	10°	32.2	30.7	30.7	30.7	30.7	29.2	29.2	29.2	29.2	29.2
0.0	12.5°	23.0	23.0	21.5	21.5	21.5	20.0	20.0	20.0	20.0	18.4
0.0	15°	13.8	12.3	10.7	10.7	10.7	9.2	9.2	9.2	9.2	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



REPORT NUMBER: P1048866

CATALOG NUMBER: GALN-SA5B-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1048866

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
0.0	2.5°	64.5	64.5	66.0	66.0	67.5	70.6	72.1	73.7	76.7	79.8
0.0	5°	50.6	52.2	52.2	53.7	55.3	56.8	58.3	59.9	62.9	66.0
0.0	7.5°	39.9	39.9	41.4	41.4	43.0	46.0	47.6	49.1	52.2	56.8
0.0	10°	30.7	30.7	32.2	32.2	33.8	36.8	38.4	39.9	43.0	47.6
0.0	12.5°	20.0	21.5	21.5	23.0	24.6	27.6	29.2	30.7	33.8	36.8
0.0	15°	9.2	10.7	10.7	12.3	13.8	16.9	18.4	20.0	23.0	27.6
0.0	17.5°	1.5	1.5	3.1	3.1	4.6	6.1	7.7	9.2	13.8	16.9
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	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
	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: P1048866

CATALOG NUMBER: GALN-SA5B-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°	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
0.0	2.5°	84.4	87.5	90.5	93.6	96.7	99.8	101.3	104.4	105.9	107.4
0.0	5°	72.1	75.2	79.8	82.9	85.9	89.0	92.1	93.6	95.2	96.7
0.0	7.5°	62.9	66.0	70.6	73.7	76.7	79.8	82.9	85.9	87.5	89.0
0.0	10°	53.7	58.3	61.4	66.0	69.1	72.1	75.2	78.3	81.3	82.9
0.0	12.5°	43.0	47.6	52.2	55.3	59.9	64.5	67.5	70.6	73.7	76.7
0.0	15°	33.8	38.4	43.0	46.0	50.6	55.3	59.9	62.9	66.0	69.1
0.0	17.5°	24.6	29.2	33.8	36.8	41.4	46.0	49.1	53.7	56.8	59.9
0.0	20°	12.3	16.9	21.5	26.1	30.7	35.3	38.4	43.0	46.0	49.1
0.0	22.5°	1.5	6.1	10.7	13.8	18.4	23.0	26.1	30.7	33.8	36.8
0.0	25°	0.0	1.5	4.6	6.1	7.7	10.7	13.8	16.9	20.0	23.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.5	3.1	6.1	9.2	12.3
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	9.2	10.7
	87.5°	0.0	1.5	3.1	4.6	6.1	9.2	12.3	15.3	16.9	18.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048866

CATALOG NUMBER: GALN-SA5B-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
89.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.3	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											
13.8											
20.0											
0.0											
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REPORT NUMBER: P1048866

CATALOG NUMBER: GALN-SA5B-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°	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
0.0	2.5°	109.0	109.0	109.0	109.0	107.4	107.4	107.4	105.9	105.9	104.4
0.0	5°	99.8	101.3	101.3	101.3	101.3	101.3	101.3	101.3	99.8	99.8
0.0	7.5°	92.1	93.6	95.2	95.2	96.7	96.7	96.7	95.2	95.2	93.6
0.0	10°	87.5	89.0	89.0	90.5	90.5	90.5	90.5	90.5	90.5	90.5
0.0	12.5°	81.3	82.9	84.4	84.4	85.9	85.9	85.9	85.9	84.4	84.4
0.0	15°	73.7	76.7	78.3	79.8	79.8	81.3	81.3	81.3	81.3	81.3
0.0	17.5°	67.5	70.6	72.1	73.7	73.7	75.2	75.2	76.7	76.7	76.7
0.0	20°	55.3	58.3	59.9	62.9	64.5	66.0	67.5	69.1	69.1	70.6
0.0	22.5°	43.0	46.0	47.6	50.6	52.2	53.7	55.3	56.8	58.3	59.9
0.0	25°	30.7	33.8	35.3	38.4	39.9	41.4	43.0	44.5	44.5	46.0
0.0	27.5°	16.9	20.0	23.0	24.6	27.6	29.2	30.7	32.2	33.8	35.3
0.0	30°	7.7	9.2	10.7	13.8	15.3	16.9	18.4	21.5	23.0	24.6
0.0	32.5°	0.0	0.0	1.5	4.6	6.1	7.7	9.2	10.7	10.7	12.3
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.1	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°	3.1	3.1	3.1	4.6	4.6	4.6	4.6	4.6	4.6	4.6
	82.5°	7.7	9.2	10.7	10.7	12.3	12.3	12.3	12.3	10.7	10.7
	85°	15.3	16.9	18.4	18.4	20.0	20.0	20.0	20.0	20.0	20.0
	87.5°	21.5	23.0	24.6	24.6	26.1	26.1	26.1	26.1	26.1	26.1
	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

REPORT NUMBER: P1048866

CATALOG NUMBER: GALN-SA5B-740-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
89.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.2	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											
10.7											
20.0											
26.1											
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REPORT NUMBER: P1048866

CATALOG NUMBER: GALN-SA5B-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°	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
0.0	2.5°	102.8	102.8	101.3	101.3	101.3	101.3	101.3	102.8	104.4	104.4
0.0	5°	98.2	98.2	96.7	96.7	96.7	98.2	98.2	99.8	101.3	102.8
0.0	7.5°	93.6	92.1	92.1	93.6	93.6	95.2	95.2	96.7	98.2	99.8
0.0	10°	90.5	89.0	89.0	89.0	90.5	90.5	92.1	93.6	95.2	96.7
0.0	12.5°	84.4	84.4	84.4	84.4	85.9	85.9	87.5	89.0	92.1	93.6
0.0	15°	81.3	79.8	79.8	79.8	79.8	81.3	81.3	84.4	87.5	89.0
0.0	17.5°	75.2	75.2	73.7	73.7	75.2	75.2	76.7	79.8	82.9	84.4
0.0	20°	69.1	67.5	66.0	66.0	67.5	67.5	69.1	72.1	75.2	76.7
0.0	22.5°	59.9	58.3	58.3	58.3	58.3	59.9	59.9	62.9	67.5	70.6
0.0	25°	47.6	49.1	49.1	50.6	50.6	52.2	53.7	56.8	61.4	64.5
0.0	27.5°	36.8	38.4	38.4	41.4	43.0	44.5	46.0	50.6	55.3	58.3
0.0	30°	27.6	29.2	30.7	32.2	35.3	38.4	41.4	46.0	50.6	53.7
0.0	32.5°	16.9	20.0	21.5	24.6	27.6	30.7	33.8	38.4	44.5	49.1
0.0	35°	12.3	13.8	16.9	18.4	21.5	24.6	27.6	33.8	38.4	44.5
0.0	37.5°	6.1	9.2	12.3	15.3	18.4	21.5	24.6	30.7	36.8	41.4
0.0	40°	4.6	7.7	9.2	12.3	16.9	20.0	23.0	29.2	35.3	41.4
0.0	42.5°	3.1	4.6	6.1	10.7	13.8	18.4	23.0	29.2	35.3	41.4
0.0	45°	3.1	3.1	4.6	9.2	13.8	20.0	24.6	30.7	35.3	41.4
0.0	47.5°	3.1	4.6	6.1	12.3	15.3	20.0	24.6	29.2	35.3	39.9
0.0	50°	4.6	6.1	7.7	13.8	16.9	21.5	24.6	30.7	35.3	41.4
0.0	52.5°	3.1	4.6	6.1	12.3	16.9	23.0	27.6	33.8	39.9	44.5
0.0	55°	1.5	1.5	1.5	9.2	18.4	26.1	35.3	39.9	46.0	50.6
0.0	57.5°	0.0	0.0	0.0	6.1	18.4	29.2	39.9	46.0	52.2	56.8
0.0	60°	0.0	0.0	0.0	6.1	18.4	29.2	39.9	47.6	55.3	62.9
0.0	62.5°	0.0	0.0	0.0	6.1	15.3	24.6	33.8	46.0	59.9	72.1
0.0	65°	0.0	0.0	0.0	4.6	12.3	20.0	27.6	46.0	64.5	81.3
0.0	67.5°	0.0	0.0	0.0	4.6	12.3	18.4	26.1	46.0	64.5	84.4
	70°	0.0	0.0	0.0	4.6	12.3	20.0	27.6	46.0	64.5	82.9
	72.5°	0.0	0.0	0.0	4.6	13.8	21.5	30.7	46.0	61.4	76.7
	75°	0.0	0.0	0.0	6.1	13.8	23.0	32.2	46.0	59.9	72.1
	77.5°	0.0	0.0	0.0	4.6	13.8	21.5	30.7	44.5	58.3	70.6
	80°	4.6	3.1	3.1	7.7	13.8	20.0	26.1	39.9	55.3	69.1
	82.5°	9.2	9.2	7.7	10.7	13.8	18.4	23.0	35.3	49.1	61.4
	85°	18.4	18.4	16.9	18.4	18.4	20.0	21.5	27.6	33.8	39.9
	87.5°	24.6	24.6	23.0	23.0	23.0	21.5	21.5	21.5	21.5	20.0
	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: P1048866

CATALOG NUMBER: GALN-SA5B-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
89.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.3											
92.1											
85.9											
84.4											
82.9											
73.7											
46.0											
20.0											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1048866

CATALOG NUMBER: GALN-SA5B-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°	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
0.0	2.5°	107.4	109.0	109.0	110.5	112.0	113.6	113.6	115.1	115.1	115.1
0.0	5°	105.9	109.0	110.5	112.0	113.6	115.1	116.6	118.2	119.7	119.7
0.0	7.5°	104.4	105.9	109.0	110.5	113.6	115.1	118.2	119.7	121.2	122.8
0.0	10°	101.3	104.4	107.4	110.5	113.6	116.6	119.7	122.8	125.8	127.4
0.0	12.5°	98.2	102.8	105.9	109.0	113.6	118.2	121.2	125.8	128.9	132.0
0.0	15°	96.7	99.8	104.4	107.4	113.6	119.7	124.3	130.5	136.6	141.2
0.0	17.5°	92.1	98.2	102.8	107.4	113.6	121.2	127.4	133.5	142.7	151.9
0.0	20°	85.9	90.5	96.7	101.3	110.5	118.2	127.4	135.1	148.9	162.7
0.0	22.5°	79.8	85.9	90.5	96.7	107.4	116.6	127.4	136.6	159.6	181.1
0.0	25°	73.7	81.3	87.5	93.6	105.9	118.2	130.5	142.7	181.1	219.5
0.0	27.5°	70.6	76.7	84.4	90.5	105.9	122.8	138.1	153.5	214.9	274.7
0.0	30°	66.0	73.7	79.8	87.5	107.4	127.4	147.3	167.3	260.9	354.5
0.0	32.5°	61.4	69.1	76.7	84.4	110.5	136.6	161.1	187.2	310.0	431.3
0.0	35°	56.8	66.0	73.7	81.3	115.1	150.4	184.2	217.9	354.5	489.6
0.0	37.5°	55.3	64.5	72.1	79.8	116.6	151.9	188.8	224.1	359.1	494.2
0.0	40°	56.8	64.5	73.7	81.3	112.0	142.7	171.9	202.6	343.8	483.4
0.0	42.5°	56.8	66.0	75.2	84.4	109.0	133.5	158.1	182.6	339.2	495.7
0.0	45°	55.3	64.5	73.7	82.9	105.9	127.4	150.4	171.9	366.8	560.2
0.0	47.5°	53.7	62.9	72.1	81.3	104.4	127.4	150.4	173.4	474.2	773.5
0.0	50°	53.7	62.9	70.6	78.3	105.9	135.1	162.7	190.3	690.6	1189.4
0.0	52.5°	56.8	64.5	70.6	76.7	109.0	142.7	175.0	207.2	877.9	1547.0
0.0	55°	61.4	66.0	72.1	76.7	116.6	155.0	194.9	233.3	934.7	1636.0
0.0	57.5°	67.5	72.1	76.7	81.3	130.5	179.6	227.1	276.3	939.3	1600.7
0.0	60°	75.2	81.3	85.9	90.5	142.7	196.4	248.6	300.8	850.2	1398.2
0.0	62.5°	92.1	99.8	105.9	113.6	164.2	213.3	264.0	313.1	706.0	1098.9
0.0	65°	105.9	112.0	118.2	124.3	173.4	224.1	273.2	322.3	598.6	874.8
0.0	67.5°	109.0	115.1	119.7	125.8	176.5	227.1	276.3	326.9	512.6	696.8
	70°	110.5	118.2	127.4	135.1	187.2	239.4	290.1	342.2	454.3	566.3
	72.5°	105.9	121.2	135.1	148.9	198.0	245.6	294.7	342.2	422.1	501.9
	75°	105.9	127.4	147.3	167.3	204.1	239.4	276.3	311.6	372.9	434.3
	77.5°	112.0	139.7	167.3	194.9	216.4	236.4	257.8	277.8	317.7	357.6
	80°	112.0	141.2	168.8	198.0	207.2	217.9	227.1	236.4	241.0	245.6
	82.5°	96.7	119.7	142.7	165.8	155.0	144.3	133.5	122.8	115.1	105.9
	85°	49.1	53.7	56.8	59.9	55.3	50.6	46.0	41.4	38.4	33.8
	87.5°	20.0	20.0	18.4	18.4	18.4	18.4	16.9	16.9	16.9	16.9
	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: P1048866

CATALOG NUMBER: GALN-SA5B-740-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
89.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
188.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
241.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
326.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
454.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
615.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
873.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
951.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1029.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1183.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1490.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2271.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3479.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4380.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4479.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4042.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3456.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2701.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2041.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1507.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1066.6											
793.5											
577.1											
434.3											
244.0											
110.5											
32.2											
15.3											
0.0											
0.0											
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REPORT NUMBER: P1048866

CATALOG NUMBER: GALN-SA5B-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°	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
0.0	2.5°	115.1	113.6	113.6	112.0	110.5	109.0	107.4	105.9	104.4	102.8
0.0	5°	119.7	119.7	119.7	118.2	118.2	116.6	116.6	115.1	113.6	112.0
0.0	7.5°	124.3	125.8	125.8	127.4	127.4	127.4	127.4	125.8	125.8	125.8
0.0	10°	132.0	133.5	135.1	136.6	138.1	139.7	139.7	141.2	141.2	141.2
0.0	12.5°	141.2	145.8	148.9	153.5	156.5	161.1	164.2	168.8	171.9	175.0
0.0	15°	155.0	162.7	171.9	179.6	187.2	198.0	210.3	221.0	231.7	248.6
0.0	17.5°	175.0	199.5	224.1	247.1	271.6	325.4	379.1	431.3	485.0	563.3
0.0	20°	213.3	287.0	359.1	432.8	504.9	693.7	880.9	1069.7	1257.0	1458.0
0.0	22.5°	299.3	480.4	661.5	842.6	1023.7	1418.1	1811.0	2205.4	2598.3	3060.3
0.0	25°	434.3	767.4	1100.4	1431.9	1765.0	2381.9	3000.4	3617.4	4234.4	4834.4
0.0	27.5°	632.3	1141.9	1651.4	2159.4	2668.9	3505.4	4343.3	5179.8	6016.2	6694.6
0.0	30°	876.3	1567.0	2257.6	2948.2	3638.9	4590.4	5542.0	6492.0	7443.5	8184.8
0.0	32.5°	1106.6	1952.2	2797.8	3641.9	4487.6	5571.1	6656.2	7739.7	8823.2	9633.6
0.0	35°	1257.0	2279.1	3302.8	4324.9	5347.1	6519.6	7692.1	8863.2	10035.7	10961.1
0.0	37.5°	1407.4	2587.6	3766.3	4946.5	6125.2	7412.8	8700.5	9988.1	11275.8	12419.2
0.0	40°	1576.2	2960.5	4343.3	5727.7	7110.5	8636.0	10160.0	11685.5	13209.5	14822.6
0.0	42.5°	1869.3	3579.0	5290.3	7000.0	8709.7	10727.9	12746.1	14762.7	16780.9	19083.0
0.0	45°	2420.3	4829.8	7240.9	9650.5	12060.0	14733.6	17408.6	20082.1	22755.7	25819.0
0.0	47.5°	3769.3	7084.4	10397.9	13712.9	17026.5	19913.3	22798.6	25685.5	28570.8	31621.9
0.0	50°	5767.6	9625.9	13484.3	17341.1	21199.4	23811.6	26422.2	29034.3	31644.9	34547.1
0.0	52.5°	7213.3	11232.8	15253.8	19273.3	23292.8	25650.2	28009.1	30366.5	32723.8	35435.7
0.0	55°	7322.3	11318.7	15316.8	19313.2	23309.7	25677.8	28045.9	30414.0	32782.2	35656.7
0.0	57.5°	6482.8	10447.0	14409.7	18374.0	22336.7	25033.2	27728.2	30424.8	33119.8	36227.7
0.0	60°	5514.3	9480.1	13444.4	17410.1	21374.4	24480.7	27588.6	30694.9	33801.2	36712.6
0.0	62.5°	4301.9	8381.2	12462.1	16541.5	20620.8	23774.7	26928.6	30081.0	33234.9	35418.8
0.0	65°	3206.1	7167.3	11128.4	15088.1	19049.3	21575.4	24101.6	26626.3	29152.5	30504.6
0.0	67.5°	2317.5	5733.8	9148.6	12565.0	15979.8	17787.7	19595.6	21402.0	23209.9	24244.4
	70°	1567.0	3933.6	6298.6	8665.2	11030.2	12515.8	14003.0	15488.6	16974.3	18370.9
	72.5°	1085.1	2414.2	3744.8	5073.9	6403.0	7897.8	9391.1	10885.9	12379.3	13857.2
	75°	719.8	1324.5	1930.7	2535.4	3140.1	4246.6	5354.7	6461.3	7567.8	8448.8
	77.5°	511.1	692.2	874.8	1055.9	1237.0	1444.2	1652.9	1860.1	2067.3	2381.9
	80°	242.5	265.5	288.5	310.0	333.0	408.2	483.4	558.6	633.8	713.7
	82.5°	115.1	124.3	133.5	141.2	150.4	158.1	165.8	173.4	181.1	173.4
	85°	30.7	30.7	32.2	32.2	32.2	32.2	32.2	32.2	32.2	30.7
	87.5°	13.8	13.8	13.8	13.8	13.8	13.8	13.8	12.3	12.3	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°
89.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
267.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
640.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1660.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3522.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5434.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7372.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8927.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10445.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11886.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13564.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16435.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21385.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28882.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34673.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37449.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38147.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38532.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39335.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39622.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37604.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31858.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25280.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19766.0											
15335.2											
9329.7											
2696.5											
793.5											
164.2											
29.2											
10.7											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											
0.0											

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CATALOG NUMBER: GALN-SA5B-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
0.0	2.5°	99.8	98.2	96.7	95.2	93.6	90.5	90.5	89.0	89.0
0.0	5°	109.0	107.4	105.9	104.4	104.4	102.8	101.3	101.3	99.8
0.0	7.5°	124.3	122.8	121.2	119.7	119.7	118.2	118.2	116.6	116.6
0.0	10°	142.7	142.7	142.7	142.7	142.7	141.2	141.2	141.2	139.7
0.0	12.5°	179.6	181.1	184.2	187.2	191.8	191.8	191.8	190.3	190.3
0.0	15°	283.9	300.8	313.1	325.4	336.1	360.7	357.6	353.0	349.9
0.0	17.5°	718.3	795.0	836.4	876.3	917.8	1031.3	1012.9	994.5	977.6
0.0	20°	1861.6	2062.7	2196.2	2329.7	2464.8	2678.1	2625.9	2573.8	2521.6
0.0	22.5°	3982.7	4444.6	4645.7	4846.7	5046.2	5304.1	5136.8	4969.5	4803.8
0.0	25°	6033.1	6633.2	6972.3	7311.5	7649.2	7796.5	7578.6	7359.1	7141.2
0.0	27.5°	8051.3	8729.6	9028.9	9326.6	9625.9	9934.4	9664.3	9392.6	9122.5
0.0	30°	9668.9	10410.2	10734.0	11056.3	11380.1	11595.0	11315.7	11034.8	10755.5
0.0	32.5°	11255.8	12066.2	12420.7	12775.2	13128.2	13436.7	13092.9	12747.6	12403.8
0.0	35°	12810.5	13736.0	14224.0	14712.1	15200.1	15487.1	15078.9	14669.1	14260.9
0.0	37.5°	14707.5	15850.8	16397.2	16943.6	17490.0	18013.3	17563.6	17112.4	16662.7
0.0	40°	18048.6	19661.6	20499.6	21339.1	22177.1	22852.4	22284.5	21716.6	21148.8
0.0	42.5°	23687.3	25989.4	27194.1	28397.4	29602.2	30656.5	30059.5	29462.5	28865.5
0.0	45°	31945.7	35009.1	36477.8	37945.0	39413.8	40184.2	39324.8	38463.8	37604.3
0.0	47.5°	37722.5	40773.6	42081.2	43388.8	44696.4	45575.8	44524.5	43473.2	42423.4
0.0	50°	40350.0	43252.2	44564.4	45875.1	47187.3	47885.6	46671.6	45456.1	44242.1
0.0	52.5°	40858.0	43569.9	45135.3	46702.3	48267.7	49200.9	47767.4	46332.4	44899.0
0.0	55°	41407.4	44282.0	46097.6	47914.7	49730.3	51022.6	49401.9	47779.7	46159.0
0.0	57.5°	42441.8	45549.7	47360.7	49170.2	50981.2	52078.5	50453.2	48826.4	47201.1
0.0	60°	42533.9	45443.8	47000.0	48557.8	50114.0	50804.7	49250.0	47693.7	46139.0
0.0	62.5°	39788.3	41972.2	43052.7	44133.1	45213.6	45964.1	44341.9	42718.1	41095.9
0.0	65°	33210.3	34562.5	35423.4	36284.4	37145.4	38040.2	36554.6	35068.9	33583.3
0.0	67.5°	26314.7	27349.2	28483.3	29617.5	30751.7	31707.8	30518.4	29327.4	28138.0
	70°	21162.6	22557.7	23833.1	25108.4	26383.8	27166.5	25972.5	24776.9	23582.9
	72.5°	16813.1	18291.1	19356.2	20419.8	21484.9	21676.7	20798.9	19921.0	19044.7
	75°	10209.1	11090.1	11111.6	11131.5	11153.0	11335.6	10608.2	9880.7	9154.8
	77.5°	3011.2	3325.8	3585.2	3843.0	4102.4	4415.5	4148.4	3879.8	3612.8
	80°	871.7	951.5	1019.1	1085.1	1152.6	1112.7	1049.8	986.8	923.9
	82.5°	156.5	147.3	145.8	144.3	144.3	136.6	124.3	112.0	99.8
	85°	27.6	26.1	24.6	23.0	21.5	20.0	16.9	15.3	12.3
	87.5°	9.2	7.7	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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CATALOG NUMBER: GALN-SA5B-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048866

CATALOG NUMBER: GALN-SA5B-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°	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
0.0	0.0	2.5°	87.5	85.9	85.9	85.9	85.9	84.4	84.4	84.4	84.4
0.0	0.0	5°	96.7	96.7	95.2	95.2	93.6	93.6	92.1	92.1	90.5
0.0	0.0	7.5°	113.6	112.0	110.5	109.0	107.4	104.4	102.8	101.3	101.3
0.0	0.0	10°	136.6	133.5	132.0	128.9	127.4	124.3	121.2	118.2	115.1
0.0	0.0	12.5°	179.6	173.4	168.8	162.7	156.5	151.9	145.8	141.2	135.1
0.0	0.0	15°	311.6	296.2	279.3	259.4	237.9	217.9	196.4	184.2	170.4
0.0	0.0	17.5°	796.5	716.7	635.4	569.4	503.4	438.9	372.9	325.4	277.8
0.0	0.0	20°	2027.4	1806.4	1585.4	1367.5	1148.0	930.1	710.6	600.1	489.6
0.0	0.0	22.5°	3815.4	3405.6	2994.3	2596.8	2197.8	1800.3	1402.8	1152.6	904.0
0.0	0.0	25°	5888.8	5373.1	4857.5	4203.7	3548.3	2894.5	2240.7	1834.0	1427.3
0.0	0.0	27.5°	7663.0	7069.0	6475.1	5680.1	4885.1	4090.1	3295.1	2688.9	2084.2
0.0	0.0	30°	9199.3	8560.8	7922.4	6996.9	6071.5	5146.0	4220.5	3462.4	2704.2
0.0	0.0	32.5°	10531.4	9767.1	9002.8	8048.2	7093.6	6139.0	5184.4	4254.3	3324.3
0.0	0.0	35°	12067.7	11176.0	10282.8	9223.8	8163.3	7104.3	6045.4	4995.6	3944.3
0.0	0.0	37.5°	14019.9	12925.6	11829.8	10649.6	9469.4	8290.7	7110.5	5910.3	4710.1
0.0	0.0	40°	17757.0	16345.0	14933.1	13433.6	11932.6	10433.2	8933.8	7460.4	5987.0
0.0	0.0	42.5°	24453.1	22545.4	20637.7	18642.5	16645.8	14650.7	12654.0	10575.9	8496.3
0.0	0.0	45°	32010.2	29643.6	27275.5	25036.3	22795.6	20556.4	18317.2	15465.6	12614.1
0.0	0.0	47.5°	36259.9	33704.5	31149.2	29029.7	26910.2	24790.7	22671.3	19597.2	16523.1
0.0	0.0	50°	37823.8	35222.4	32621.0	30670.3	28718.1	26767.5	24815.3	21736.6	18656.4
0.0	0.0	52.5°	38156.8	35503.3	32849.7	30886.7	28923.8	26962.4	24999.5	21940.7	18882.0
0.0	0.0	55°	38841.3	35994.4	33145.9	30908.2	28670.6	26432.9	24195.3	21087.4	17979.5
0.0	0.0	57.5°	39736.1	36817.0	33897.9	31348.7	28799.5	26251.8	23702.6	20304.7	16906.8
0.0	0.0	60°	39501.3	36961.3	34419.7	31689.4	28957.6	26227.3	23495.4	19758.3	16019.7
0.0	0.0	62.5°	35425.0	33402.2	31377.9	29132.5	26885.7	24640.3	22395.0	18547.4	14699.8
0.0	0.0	65°	29143.3	27666.8	26190.4	24384.0	22576.1	20769.7	18963.3	15513.2	12064.6
0.0	0.0	67.5°	23619.7	21956.1	20290.9	18851.3	17410.1	15970.6	14529.4	11814.5	9099.5
		70°	18765.3	16955.9	15144.9	13739.0	12331.7	10925.8	9520.0	7715.2	5911.8
		72.5°	14902.4	13270.9	11639.5	10140.1	8639.1	7139.6	5638.7	4572.0	3505.4
		75°	7122.8	6470.5	5818.2	5034.0	4249.7	3465.5	2681.2	2216.2	1752.7
		77.5°	2639.8	2288.3	1935.3	1616.1	1296.9	979.2	659.9	604.7	549.4
		80°	683.0	595.5	506.5	443.5	379.1	316.2	253.2	228.7	205.7
		82.5°	78.3	72.1	67.5	64.5	59.9	56.8	52.2	47.6	43.0
		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: P1048866

CATALOG NUMBER: GALN-SA5B-740-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	89.0	89.0
0.0	0.0	2.5°	82.9	81.3
0.0	0.0	5°	87.5	85.9
0.0	0.0	7.5°	96.7	93.6
0.0	0.0	10°	105.9	102.8
0.0	0.0	12.5°	119.7	115.1
0.0	0.0	15°	135.1	125.8
0.0	0.0	17.5°	161.1	141.2
0.0	0.0	20°	217.9	167.3
0.0	0.0	22.5°	306.9	208.7
0.0	0.0	25°	451.2	288.5
0.0	0.0	27.5°	627.7	383.7
0.0	0.0	30°	834.9	480.4
0.0	0.0	32.5°	1017.5	572.5
0.0	0.0	35°	1255.4	666.1
0.0	0.0	37.5°	1548.6	785.8
0.0	0.0	40°	2002.8	966.9
0.0	0.0	42.5°	2820.9	1301.5
0.0	0.0	45°	4581.2	2249.9
0.0	0.0	47.5°	7049.1	3721.8
0.0	0.0	50°	8623.7	4750.0
0.0	0.0	52.5°	8752.7	4742.4
0.0	0.0	55°	7989.9	4215.9
0.0	0.0	57.5°	6817.3	3523.8
0.0	0.0	60°	5666.3	2787.1
0.0	0.0	62.5°	4464.6	1924.6
0.0	0.0	65°	3262.9	1361.3
0.0	0.0	67.5°	2343.6	1017.5
		70°	1540.9	779.7
		72.5°	1003.7	635.4
		75°	675.3	526.4
		77.5°	394.4	349.9
		80°	139.7	122.8
		82.5°	26.1	18.4
		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: P1048866

CATALOG NUMBER: GALN-SA5B-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

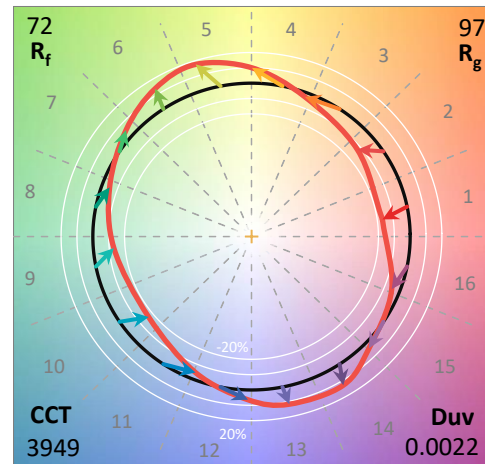
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

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

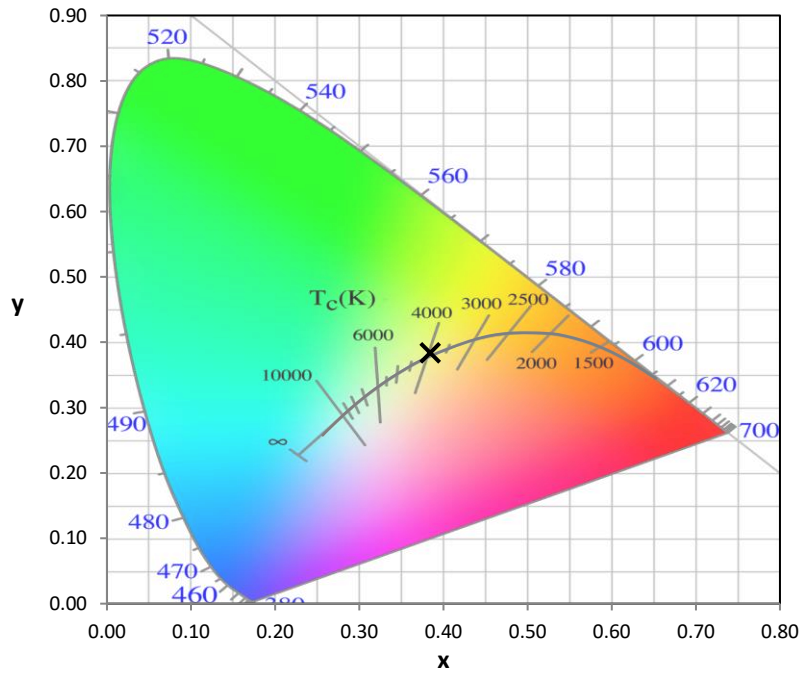
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

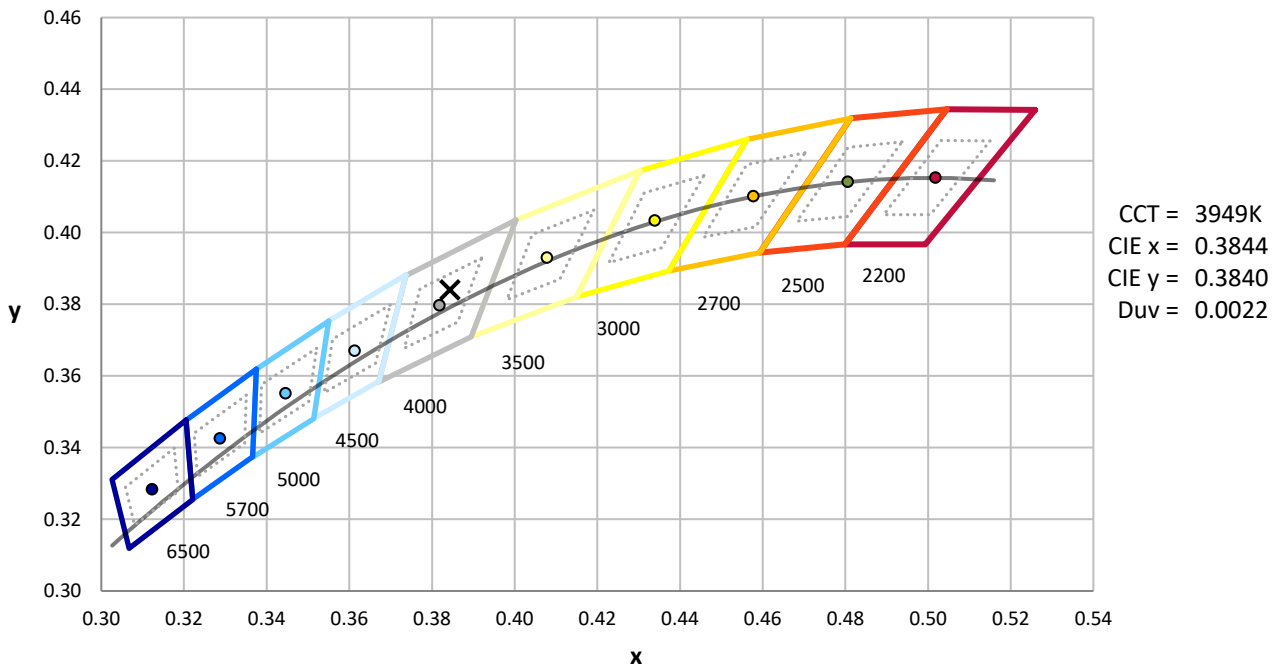
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

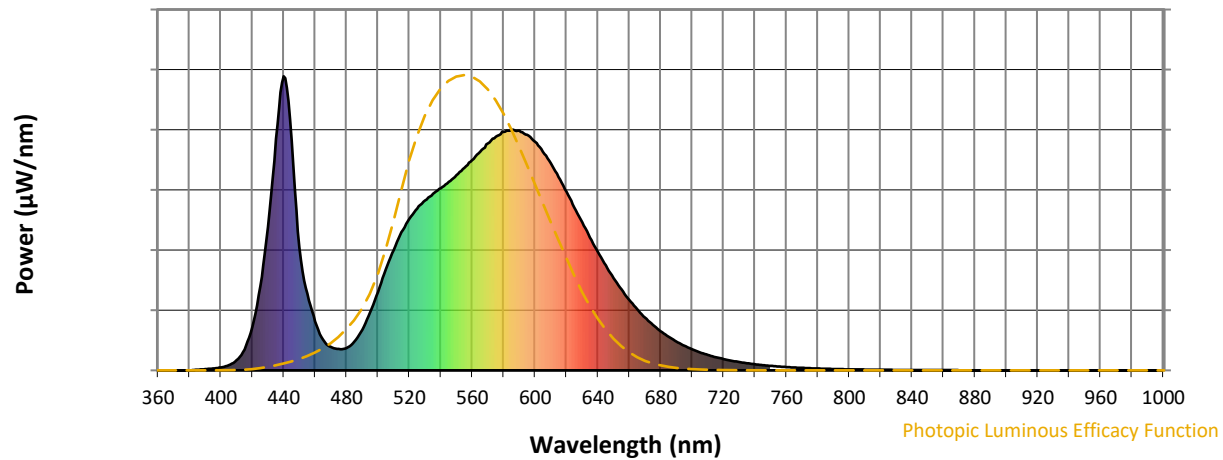


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

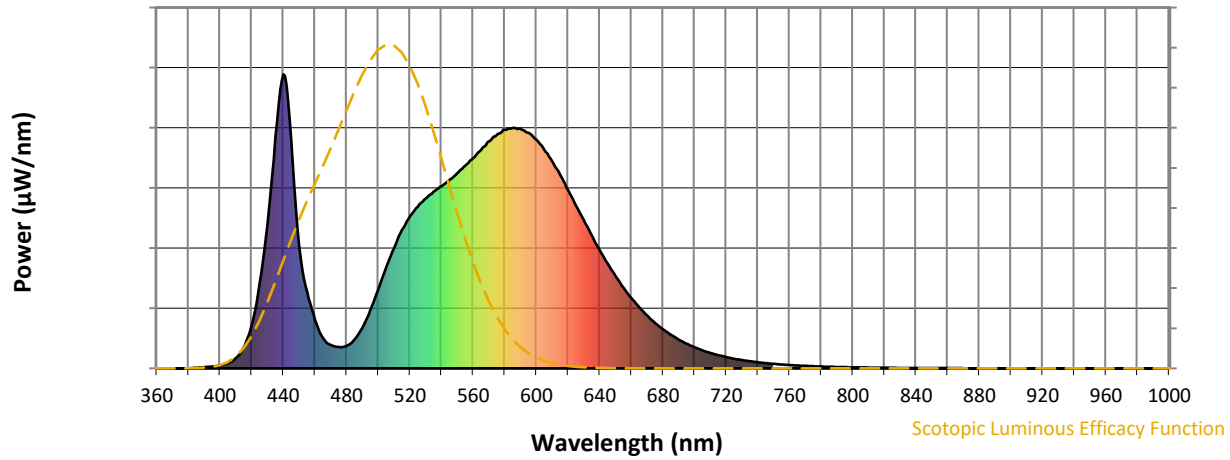


Photopic Lumens: NR

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



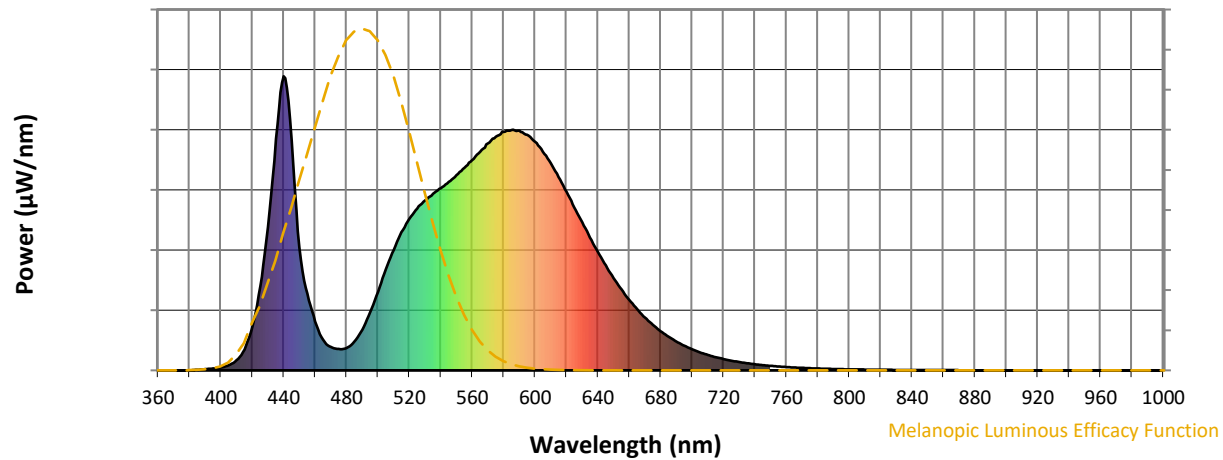
Scotopic Lumens: NR

S/P: 1.47

λ (nm)	Power 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

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

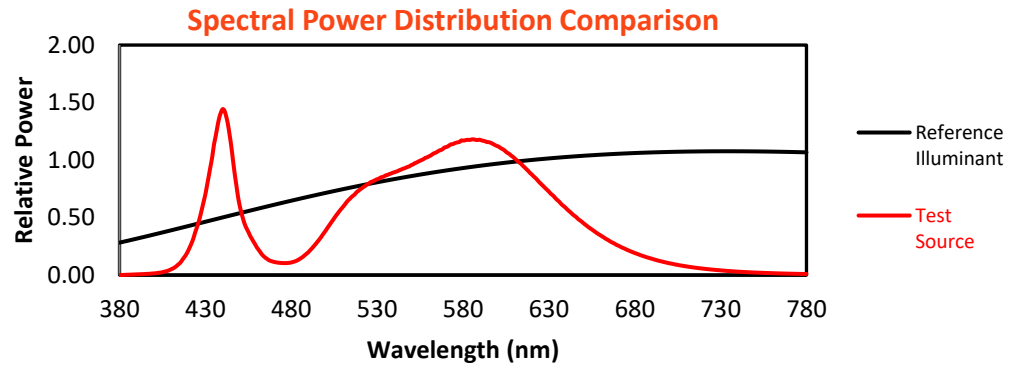
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	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

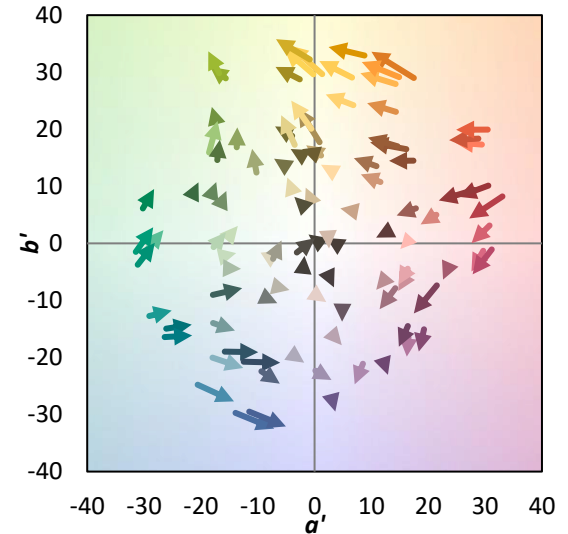
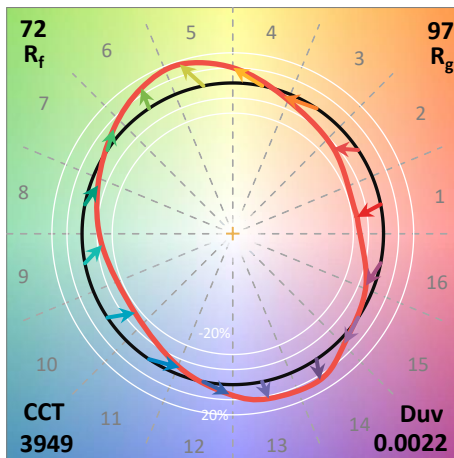
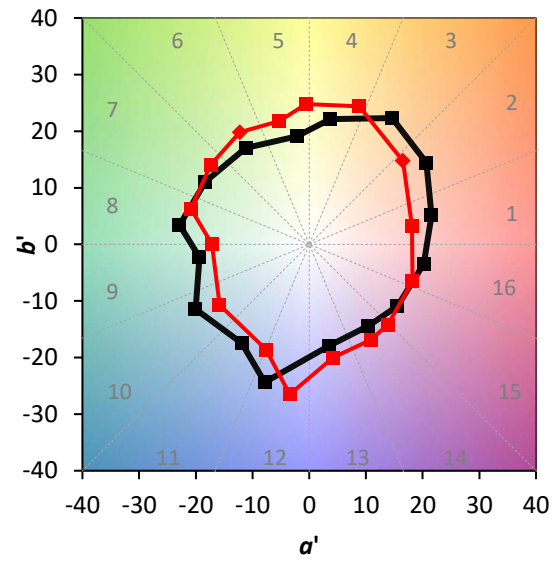
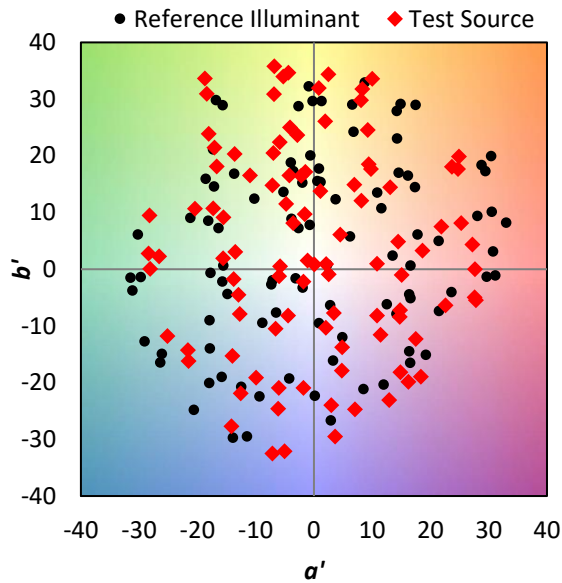
TM-30-18

Summary

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

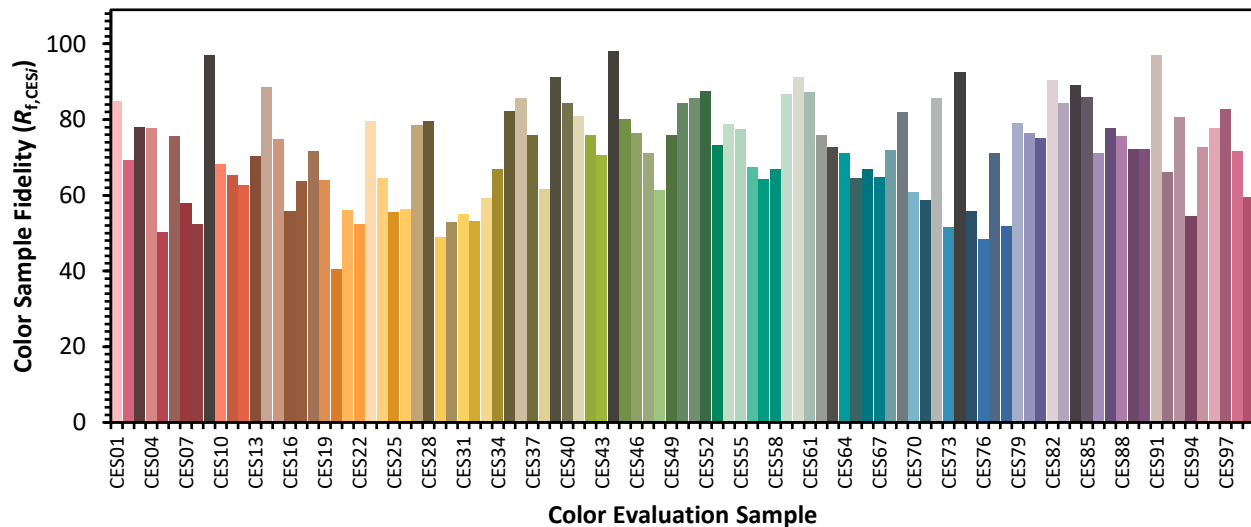


Color Vector Graphics

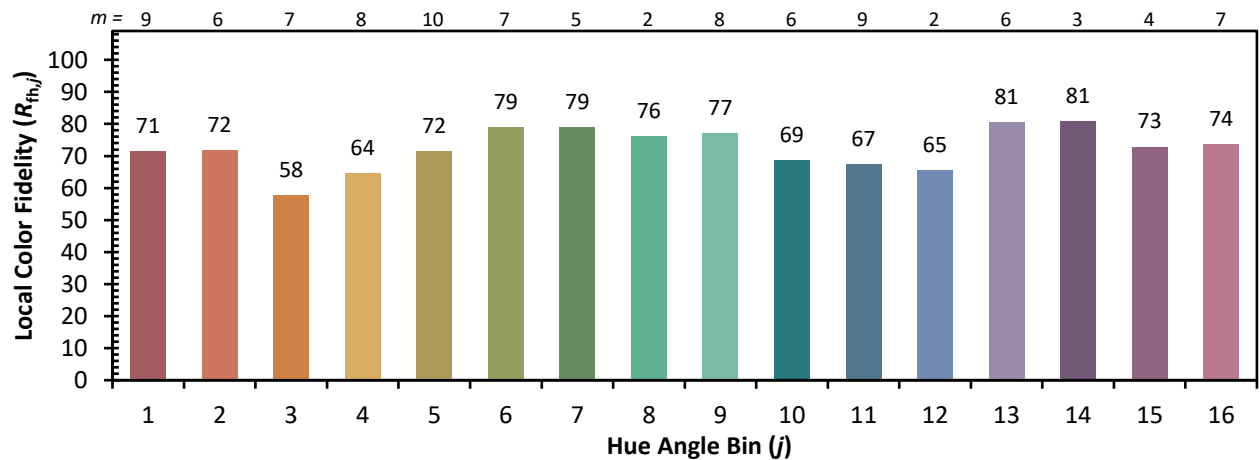
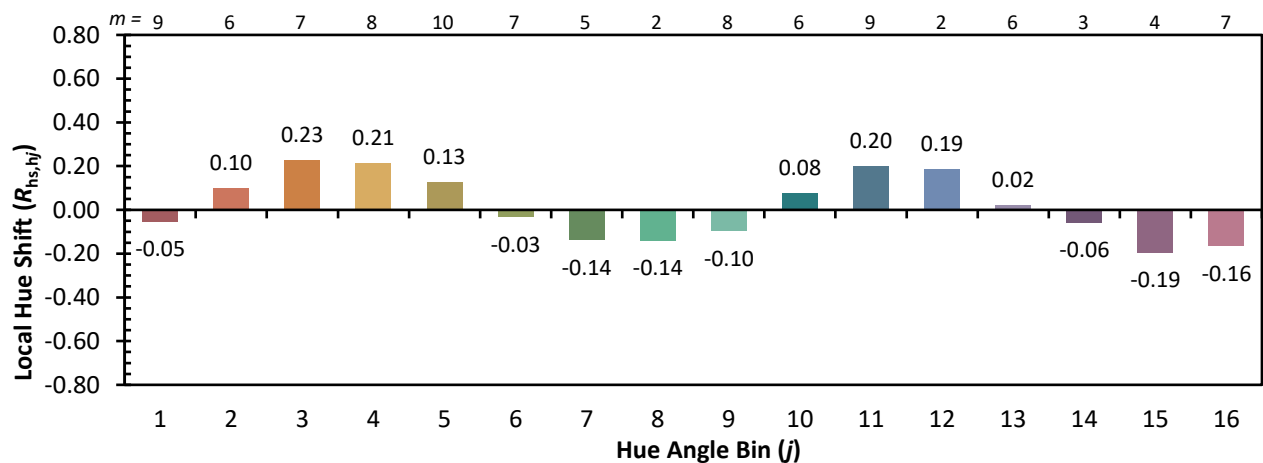
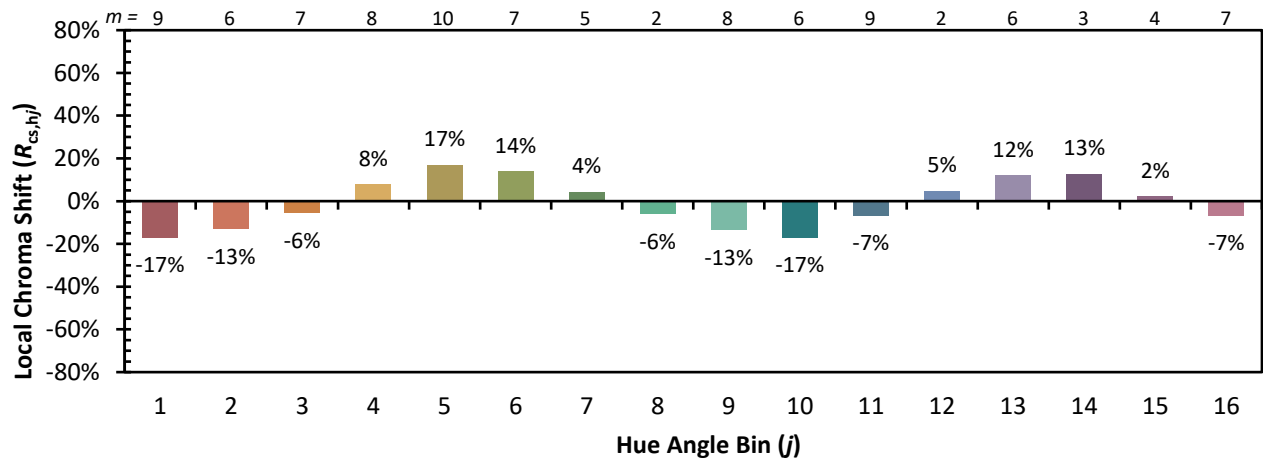


Individual Sample Fidelity Index ($R_{f,i}$)

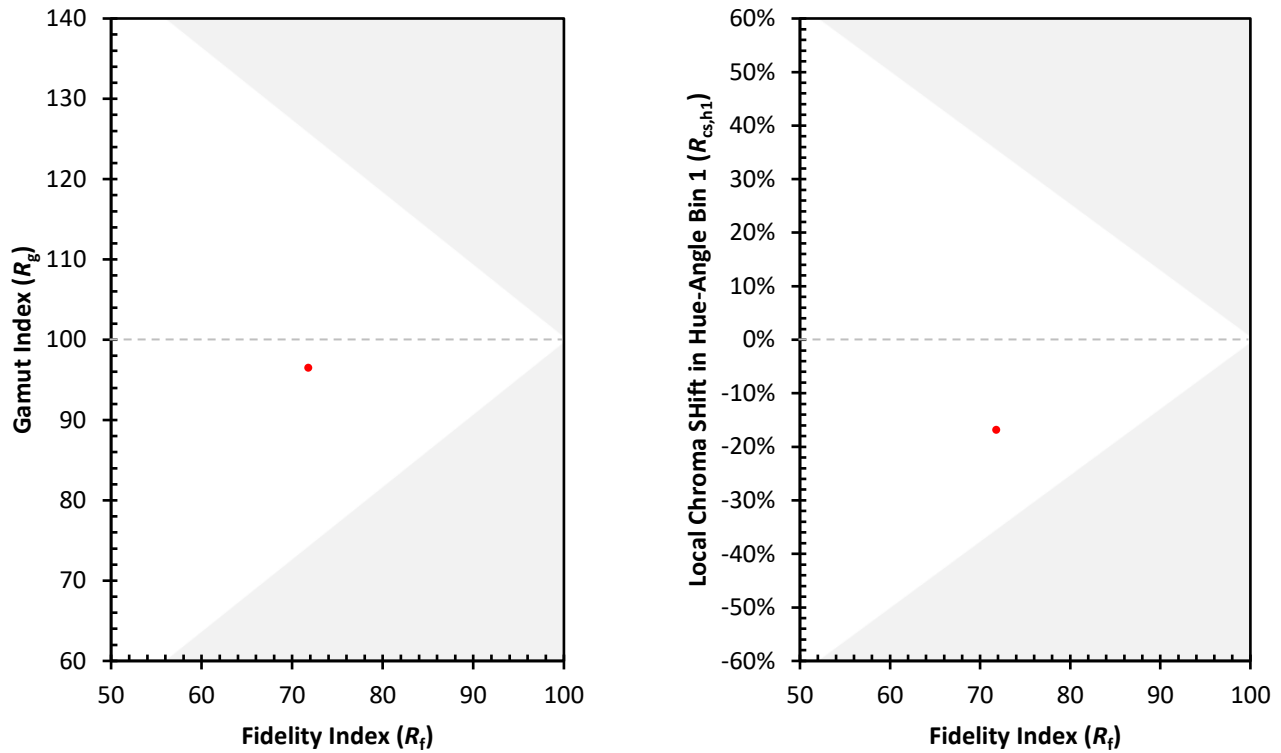
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 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)