

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: P1049038

Luminaire Tested: **GALN-SA3B-750-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049038
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3B-750-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
70CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12883.1 lumens
Efficiency: N/A
Efficacy: 121.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

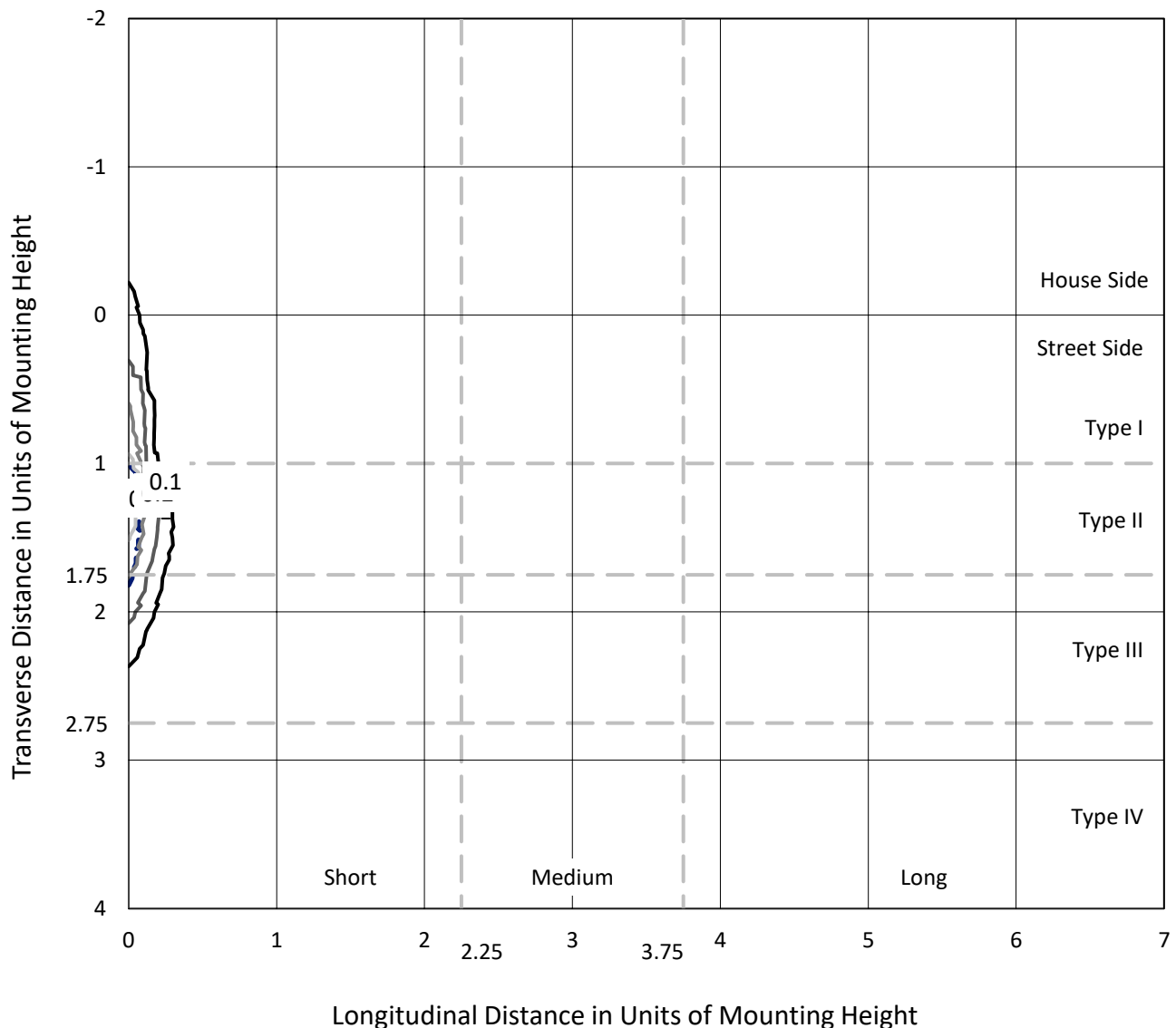
Input Watts (W): 106.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

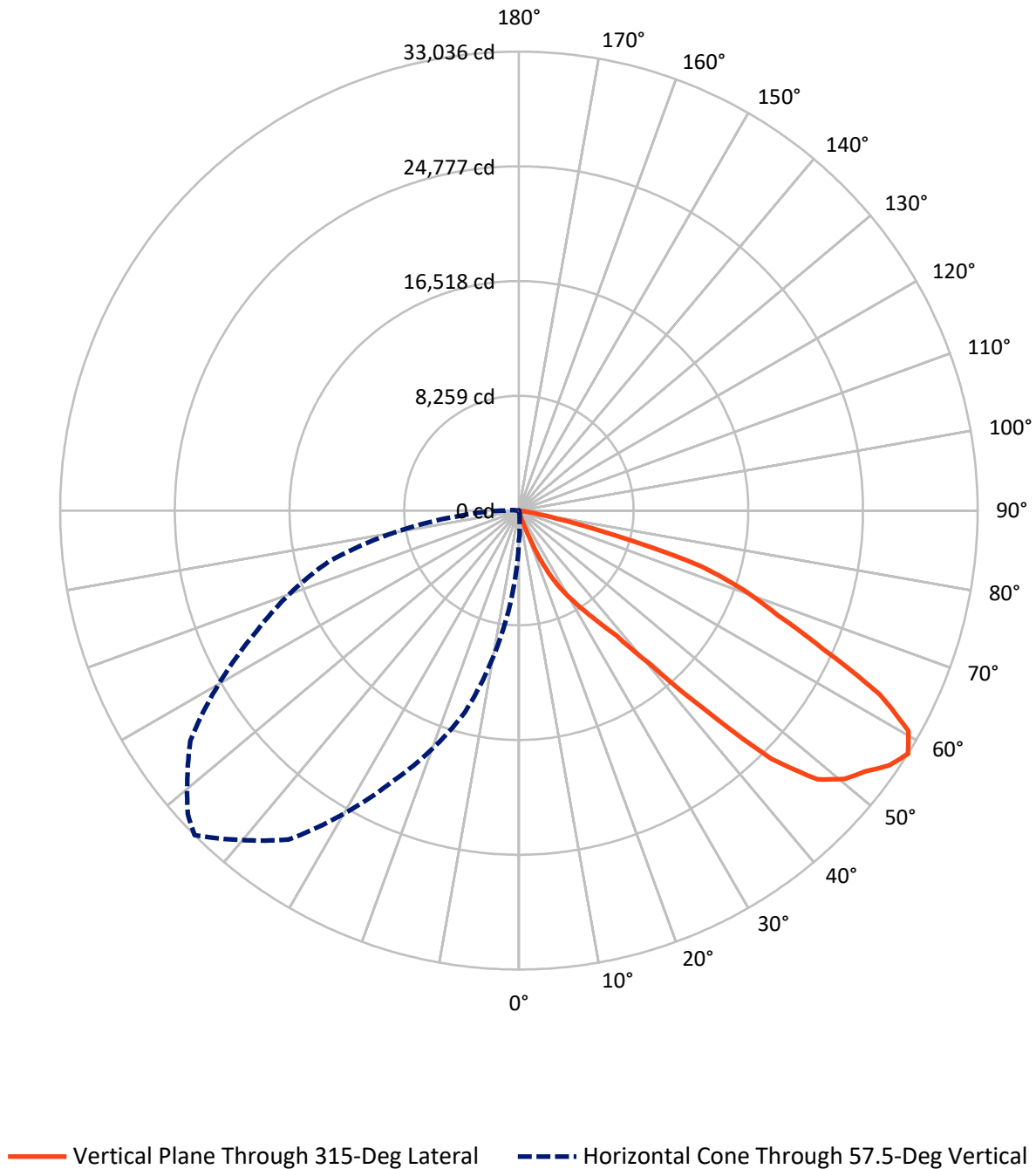
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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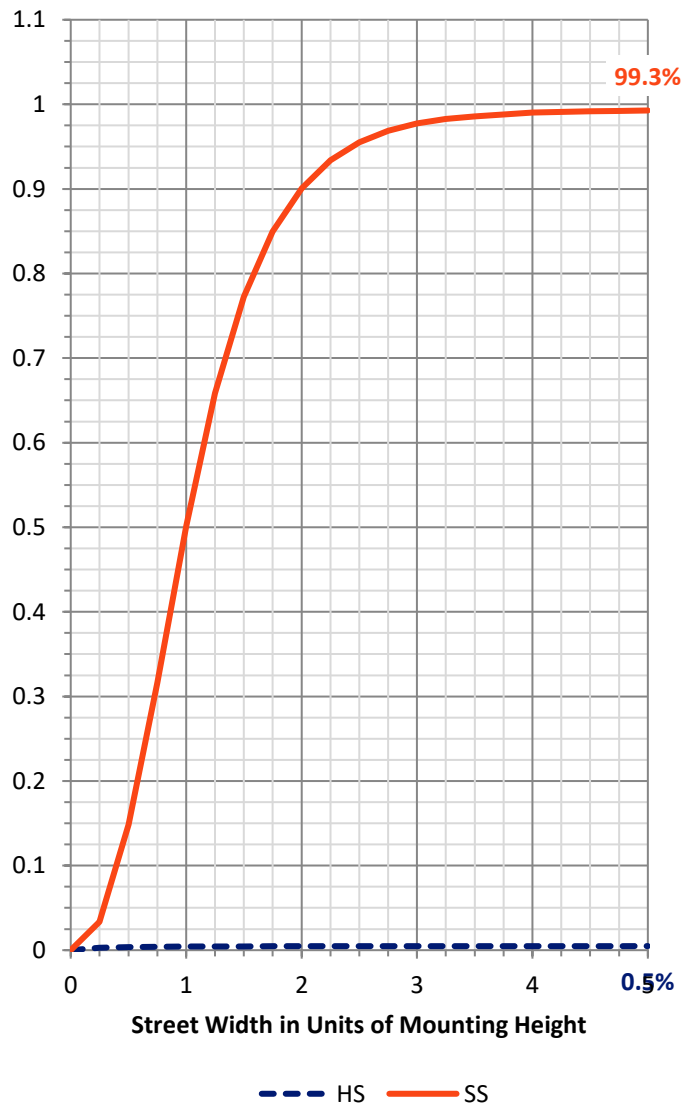
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	64.5	0.0	64.5
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	12818.6	0.0	12818.6
	% Fixture	99.5	0.0	99.5
Total	Lumens	12883.1	0.0	12883.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.0	0.0
10°-20°	28.3	0.2
20°-30°	305.3	2.4
30°-40°	902.9	7.0
40°-50°	2690.8	20.9
50°-60°	4266.6	33.1
60°-70°	3561.6	27.6
70°-80°	1098.3	8.5
80°-90°	24.4	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°	12883.1	100.0
0°-180°	12883.1	100.0



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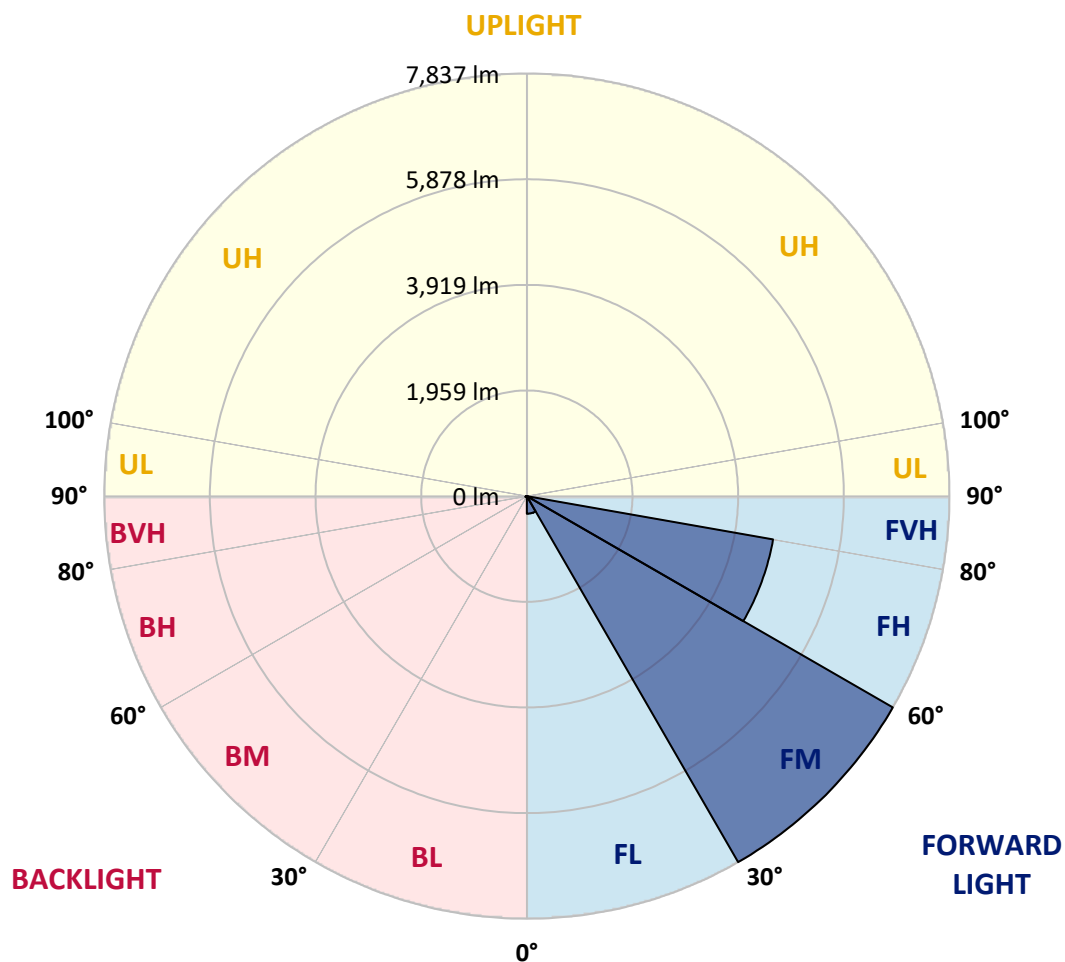
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	326.8	2.5			
FM	(30°-60°)	7837.2	60.8			
FH	(60°-80°)	4635.8	36.0			G2/5000
FVH	(80°-90°)	18.9	0.1			G1/100
BL	(0°-30°)	11.8	0.1	B0/110		
BM	(30°-60°)	23.1	0.2	B0/220		
BH	(60°-80°)	24.1	0.2	B0/110		G0/110
BVH	(80°-90°)	5.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
2.5°	51.6	51.6	51.6	51.6	50.6	50.6	49.7	49.7	48.7	48.7
5°	54.5	54.5	53.5	52.6	52.6	51.6	50.6	49.7	49.7	48.7
7.5°	59.4	58.4	57.4	56.5	54.5	53.5	51.6	50.6	49.7	47.7
10°	65.2	63.3	61.3	59.4	57.4	55.5	53.5	52.6	50.6	49.7
12.5°	73.0	70.1	66.2	63.3	61.3	58.4	56.5	54.5	51.6	49.7
15°	79.8	75.9	71.1	67.2	64.3	60.4	57.4	54.5	52.6	49.7
17.5°	89.6	82.8	75.0	70.1	66.2	61.3	56.5	53.5	50.6	46.7
20°	106.1	92.5	77.9	72.0	66.2	60.4	54.5	50.6	47.7	43.8
22.5°	132.4	109.0	85.7	76.9	69.1	60.4	52.6	48.7	44.8	40.9
25°	183.0	141.2	99.3	87.6	75.9	64.3	52.6	47.7	43.8	38.9
27.5°	243.4	181.1	117.8	101.3	85.7	69.1	52.6	46.7	41.9	36.0
30°	304.7	222.0	138.2	116.8	95.4	74.0	52.6	45.8	39.9	33.1
32.5°	363.1	259.9	155.8	130.5	105.1	78.9	53.5	45.8	38.0	30.2
35°	422.5	291.1	158.7	132.4	106.1	78.9	52.6	43.8	36.0	27.3
37.5°	498.5	326.1	152.8	126.6	101.3	75.0	49.7	41.9	34.1	25.3
40°	613.3	384.6	155.8	128.5	101.3	74.0	46.7	38.9	32.1	24.3
42.5°	825.6	497.5	168.4	137.3	106.1	74.0	42.8	36.0	30.2	23.4
45°	1427.2	826.6	225.9	179.1	132.4	85.7	38.9	33.1	28.2	22.4
47.5°	2360.9	1383.4	406.0	313.5	222.0	129.5	38.0	33.1	28.2	22.4
50°	3013.2	1762.2	511.1	393.3	275.5	157.7	39.9	34.1	29.2	23.4
52.5°	3008.3	1789.4	569.5	437.1	305.7	173.3	41.9	36.0	31.2	25.3
55°	2674.4	1627.8	580.2	445.9	312.5	178.2	44.8	38.9	33.1	27.3
57.5°	2235.3	1382.5	529.6	409.9	291.1	171.3	51.6	44.8	38.9	32.1
60°	1768.0	1090.4	412.8	326.1	240.5	153.8	68.1	59.4	51.6	42.8
62.5°	1220.9	790.5	360.2	289.1	219.1	148.0	77.9	69.1	61.3	52.6
65°	863.6	594.8	325.2	264.8	205.4	145.1	84.7	75.0	66.2	56.5
67.5°	645.5	473.2	299.9	248.3	196.7	145.1	93.5	81.8	71.1	59.4
70°	494.6	388.5	281.4	239.5	198.6	156.7	114.9	98.3	82.8	66.2
72.5°	403.1	332.0	259.9	229.8	199.6	169.4	139.2	117.8	96.4	74.0
75°	333.9	284.3	234.6	209.3	185.0	159.7	134.4	114.9	96.4	76.9
77.5°	222.0	202.5	182.1	167.5	152.8	137.3	122.7	106.1	90.5	74.0
80°	77.9	75.0	72.0	77.9	83.7	89.6	95.4	83.7	73.0	61.3
82.5°	11.7	10.7	9.7	10.7	11.7	12.7	13.6	14.6	15.6	16.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA3B-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA3B-750-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
0.0	2.5°	47.7	47.7	46.7	46.7	46.7	45.8	45.8	44.8	44.8	44.8
0.0	5°	46.7	46.7	45.8	44.8	43.8	43.8	42.8	41.9	41.9	40.9
0.0	7.5°	45.8	44.8	43.8	42.8	41.9	40.9	39.9	38.9	38.9	38.0
0.0	10°	46.7	44.8	43.8	41.9	40.9	39.9	38.0	37.0	36.0	36.0
0.0	12.5°	44.8	43.8	41.9	39.9	38.9	37.0	36.0	34.1	33.1	33.1
0.0	15°	44.8	42.8	39.9	38.0	36.0	35.0	33.1	31.2	30.2	29.2
0.0	17.5°	41.9	39.9	37.0	35.0	33.1	31.2	29.2	27.3	26.3	25.3
0.0	20°	38.0	36.0	33.1	30.2	28.2	26.3	24.3	22.4	21.4	20.4
0.0	22.5°	34.1	32.1	29.2	26.3	24.3	22.4	19.5	17.5	16.6	14.6
0.0	25°	32.1	29.2	26.3	23.4	20.4	18.5	15.6	12.7	10.7	8.8
0.0	27.5°	27.3	24.3	21.4	18.5	15.6	12.7	9.7	6.8	4.9	3.9
0.0	30°	23.4	20.4	17.5	14.6	10.7	7.8	4.9	1.0	1.0	1.0
0.0	32.5°	19.5	16.6	12.7	9.7	7.8	4.9	2.9	0.0	0.0	0.0
0.0	35°	15.6	12.7	8.8	5.8	4.9	2.9	1.9	0.0	0.0	0.0
0.0	37.5°	13.6	10.7	6.8	2.9	1.9	1.9	1.0	0.0	0.0	0.0
0.0	40°	12.7	8.8	4.9	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.0	42.5°	12.7	8.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	12.7	8.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	12.7	8.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	13.6	9.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	15.6	11.7	7.8	3.9	2.9	1.9	1.0	0.0	0.0	0.0
0.0	55°	19.5	17.5	14.6	12.7	9.7	6.8	2.9	0.0	0.0	0.0
0.0	57.5°	25.3	25.3	24.3	23.4	17.5	11.7	5.8	0.0	0.0	0.0
0.0	60°	34.1	34.1	34.1	34.1	25.3	17.5	8.8	0.0	0.0	0.0
0.0	62.5°	41.9	39.9	37.0	35.0	26.3	17.5	8.8	0.0	0.0	0.0
0.0	65°	41.9	38.0	33.1	28.2	21.4	14.6	6.8	0.0	0.0	0.0
0.0	67.5°	38.9	31.2	22.4	14.6	10.7	7.8	3.9	0.0	0.0	0.0
	70°	38.9	27.3	15.6	3.9	2.9	1.9	1.0	0.0	0.0	0.0
	72.5°	38.9	26.3	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	42.8	29.2	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	42.8	29.2	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	38.0	25.3	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	12.7	8.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA3B-750-U-RBC

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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°	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
0.0	2.5°	43.8	43.8	43.8	42.8	42.8	42.8	42.8	41.9	41.9	41.9
0.0	5°	39.9	39.9	38.9	38.9	38.0	38.0	37.0	37.0	36.0	36.0
0.0	7.5°	37.0	36.0	36.0	35.0	34.1	34.1	33.1	33.1	32.1	31.2
0.0	10°	34.1	33.1	33.1	32.1	31.2	30.2	30.2	29.2	28.2	27.3
0.0	12.5°	31.2	30.2	29.2	28.2	27.3	26.3	26.3	25.3	24.3	23.4
0.0	15°	27.3	26.3	25.3	24.3	23.4	22.4	22.4	21.4	20.4	19.5
0.0	17.5°	23.4	22.4	22.4	21.4	20.4	19.5	18.5	16.6	15.6	14.6
0.0	20°	17.5	16.6	15.6	14.6	13.6	11.7	10.7	8.8	6.8	5.8
0.0	22.5°	11.7	9.7	8.8	6.8	4.9	3.9	2.9	1.0	0.0	0.0
0.0	25°	3.9	2.9	1.9	1.0	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: P1049038

CATALOG NUMBER: GALN-SA3B-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049038

CATALOG NUMBER: GALN-SA3B-750-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
0.0	2.5°	40.9	40.9	40.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
0.0	5°	35.0	35.0	35.0	34.1	34.1	33.1	33.1	33.1	32.1	32.1
0.0	7.5°	30.2	29.2	29.2	28.2	28.2	27.3	27.3	27.3	26.3	26.3
0.0	10°	25.3	24.3	24.3	23.4	23.4	22.4	22.4	21.4	21.4	20.4
0.0	12.5°	22.4	21.4	20.4	19.5	19.5	18.5	17.5	17.5	16.6	15.6
0.0	15°	17.5	16.6	15.6	14.6	13.6	12.7	11.7	11.7	10.7	9.7
0.0	17.5°	11.7	9.7	8.8	7.8	7.8	6.8	5.8	4.9	3.9	2.9
0.0	20°	2.9	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049038

CATALOG NUMBER: GALN-SA3B-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049038

CATALOG NUMBER: GALN-SA3B-750-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°	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
0.0	2.5°	39.9	38.9	38.9	38.9	39.9	39.9	39.9	39.9	39.9	39.9
0.0	5°	32.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
0.0	7.5°	26.3	25.3	25.3	25.3	25.3	24.3	24.3	24.3	24.3	24.3
0.0	10°	20.4	19.5	19.5	19.5	19.5	18.5	18.5	18.5	18.5	18.5
0.0	12.5°	14.6	14.6	13.6	13.6	13.6	12.7	12.7	12.7	12.7	11.7
0.0	15°	8.8	7.8	6.8	6.8	6.8	5.8	5.8	5.8	5.8	4.9
0.0	17.5°	1.9	1.9	1.0	1.0	1.0	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: P1049038

CATALOG NUMBER: GALN-SA3B-750-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
0.0	2.5°	40.9	40.9	41.9	41.9	42.8	44.8	45.8	46.7	48.7	50.6
0.0	5°	32.1	33.1	33.1	34.1	35.0	36.0	37.0	38.0	39.9	41.9
0.0	7.5°	25.3	25.3	26.3	26.3	27.3	29.2	30.2	31.2	33.1	36.0
0.0	10°	19.5	19.5	20.4	20.4	21.4	23.4	24.3	25.3	27.3	30.2
0.0	12.5°	12.7	13.6	13.6	14.6	15.6	17.5	18.5	19.5	21.4	23.4
0.0	15°	5.8	6.8	6.8	7.8	8.8	10.7	11.7	12.7	14.6	17.5
0.0	17.5°	1.0	1.0	1.9	1.9	2.9	3.9	4.9	5.8	8.8	10.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.9
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
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: P1049038

CATALOG NUMBER: GALN-SA3B-750-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°	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
0.0	2.5°	53.5	55.5	57.4	59.4	61.3	63.3	64.3	66.2	67.2	68.1
0.0	5°	45.8	47.7	50.6	52.6	54.5	56.5	58.4	59.4	60.4	61.3
0.0	7.5°	39.9	41.9	44.8	46.7	48.7	50.6	52.6	54.5	55.5	56.5
0.0	10°	34.1	37.0	38.9	41.9	43.8	45.8	47.7	49.7	51.6	52.6
0.0	12.5°	27.3	30.2	33.1	35.0	38.0	40.9	42.8	44.8	46.7	48.7
0.0	15°	21.4	24.3	27.3	29.2	32.1	35.0	38.0	39.9	41.9	43.8
0.0	17.5°	15.6	18.5	21.4	23.4	26.3	29.2	31.2	34.1	36.0	38.0
0.0	20°	7.8	10.7	13.6	16.6	19.5	22.4	24.3	27.3	29.2	31.2
0.0	22.5°	1.0	3.9	6.8	8.8	11.7	14.6	16.6	19.5	21.4	23.4
0.0	25°	0.0	1.0	2.9	3.9	4.9	6.8	8.8	10.7	12.7	14.6
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.0	1.9	3.9	5.8	7.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
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	1.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.9
	85°	0.0	0.0	0.0	0.0	0.0	1.9	2.9	4.9	5.8	6.8
	87.5°	0.0	1.0	1.9	2.9	3.9	5.8	7.8	9.7	10.7	11.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049038

CATALOG NUMBER: GALN-SA3B-750-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
56.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.9	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											
1.0											
3.9											
8.8											
12.7											
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REPORT NUMBER: P1049038

CATALOG NUMBER: GALN-SA3B-750-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
0.0	2.5°	69.1	69.1	69.1	69.1	68.1	68.1	68.1	67.2	67.2	66.2
0.0	5°	63.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	63.3	63.3
0.0	7.5°	58.4	59.4	60.4	60.4	61.3	61.3	61.3	60.4	60.4	59.4
0.0	10°	55.5	56.5	56.5	57.4	57.4	57.4	57.4	57.4	57.4	57.4
0.0	12.5°	51.6	52.6	53.5	53.5	54.5	54.5	54.5	54.5	53.5	53.5
0.0	15°	46.7	48.7	49.7	50.6	50.6	51.6	51.6	51.6	51.6	51.6
0.0	17.5°	42.8	44.8	45.8	46.7	46.7	47.7	47.7	48.7	48.7	48.7
0.0	20°	35.0	37.0	38.0	39.9	40.9	41.9	42.8	43.8	43.8	44.8
0.0	22.5°	27.3	29.2	30.2	32.1	33.1	34.1	35.0	36.0	37.0	38.0
0.0	25°	19.5	21.4	22.4	24.3	25.3	26.3	27.3	28.2	28.2	29.2
0.0	27.5°	10.7	12.7	14.6	15.6	17.5	18.5	19.5	20.4	21.4	22.4
0.0	30°	4.9	5.8	6.8	8.8	9.7	10.7	11.7	13.6	14.6	15.6
0.0	32.5°	0.0	0.0	1.0	2.9	3.9	4.9	5.8	6.8	6.8	7.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.9	2.9	3.9
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°	1.9	1.9	1.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	82.5°	4.9	5.8	6.8	6.8	7.8	7.8	7.8	7.8	6.8	6.8
	85°	9.7	10.7	11.7	11.7	12.7	12.7	12.7	12.7	12.7	12.7
	87.5°	13.6	14.6	15.6	15.6	16.6	16.6	16.6	16.6	16.6	16.6
	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: P1049038

CATALOG NUMBER: GALN-SA3B-750-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
56.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	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											
2.9											
6.8											
12.7											
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REPORT NUMBER: P1049038

CATALOG NUMBER: GALN-SA3B-750-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°	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
0.0	2.5°	65.2	65.2	64.3	64.3	64.3	64.3	64.3	65.2	66.2	66.2
0.0	5°	62.3	62.3	61.3	61.3	61.3	62.3	62.3	63.3	64.3	65.2
0.0	7.5°	59.4	58.4	58.4	59.4	59.4	60.4	60.4	61.3	62.3	63.3
0.0	10°	57.4	56.5	56.5	56.5	57.4	57.4	58.4	59.4	60.4	61.3
0.0	12.5°	53.5	53.5	53.5	53.5	54.5	54.5	55.5	56.5	58.4	59.4
0.0	15°	51.6	50.6	50.6	50.6	50.6	51.6	51.6	53.5	55.5	56.5
0.0	17.5°	47.7	47.7	46.7	46.7	47.7	47.7	48.7	50.6	52.6	53.5
0.0	20°	43.8	42.8	41.9	41.9	42.8	42.8	43.8	45.8	47.7	48.7
0.0	22.5°	38.0	37.0	37.0	37.0	37.0	38.0	38.0	39.9	42.8	44.8
0.0	25°	30.2	31.2	31.2	32.1	32.1	33.1	34.1	36.0	38.9	40.9
0.0	27.5°	23.4	24.3	24.3	26.3	27.3	28.2	29.2	32.1	35.0	37.0
0.0	30°	17.5	18.5	19.5	20.4	22.4	24.3	26.3	29.2	32.1	34.1
0.0	32.5°	10.7	12.7	13.6	15.6	17.5	19.5	21.4	24.3	28.2	31.2
0.0	35°	7.8	8.8	10.7	11.7	13.6	15.6	17.5	21.4	24.3	28.2
0.0	37.5°	3.9	5.8	7.8	9.7	11.7	13.6	15.6	19.5	23.4	26.3
0.0	40°	2.9	4.9	5.8	7.8	10.7	12.7	14.6	18.5	22.4	26.3
0.0	42.5°	1.9	2.9	3.9	6.8	8.8	11.7	14.6	18.5	22.4	26.3
0.0	45°	1.9	1.9	2.9	5.8	8.8	12.7	15.6	19.5	22.4	26.3
0.0	47.5°	1.9	2.9	3.9	7.8	9.7	12.7	15.6	18.5	22.4	25.3
0.0	50°	2.9	3.9	4.9	8.8	10.7	13.6	15.6	19.5	22.4	26.3
0.0	52.5°	1.9	2.9	3.9	7.8	10.7	14.6	17.5	21.4	25.3	28.2
0.0	55°	1.0	1.0	1.0	5.8	11.7	16.6	22.4	25.3	29.2	32.1
0.0	57.5°	0.0	0.0	0.0	3.9	11.7	18.5	25.3	29.2	33.1	36.0
0.0	60°	0.0	0.0	0.0	3.9	11.7	18.5	25.3	30.2	35.0	39.9
0.0	62.5°	0.0	0.0	0.0	3.9	9.7	15.6	21.4	29.2	38.0	45.8
0.0	65°	0.0	0.0	0.0	2.9	7.8	12.7	17.5	29.2	40.9	51.6
0.0	67.5°	0.0	0.0	0.0	2.9	7.8	11.7	16.6	29.2	40.9	53.5
	70°	0.0	0.0	0.0	2.9	7.8	12.7	17.5	29.2	40.9	52.6
	72.5°	0.0	0.0	0.0	2.9	8.8	13.6	19.5	29.2	38.9	48.7
	75°	0.0	0.0	0.0	3.9	8.8	14.6	20.4	29.2	38.0	45.8
	77.5°	0.0	0.0	0.0	2.9	8.8	13.6	19.5	28.2	37.0	44.8
	80°	2.9	1.9	1.9	4.9	8.8	12.7	16.6	25.3	35.0	43.8
	82.5°	5.8	5.8	4.9	6.8	8.8	11.7	14.6	22.4	31.2	38.9
	85°	11.7	11.7	10.7	11.7	11.7	12.7	13.6	17.5	21.4	25.3
	87.5°	15.6	15.6	14.6	14.6	14.6	13.6	13.6	13.6	13.6	12.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049038

CATALOG NUMBER: GALN-SA3B-750-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
56.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.3											
58.4											
54.5											
53.5											
52.6											
46.7											
29.2											
12.7											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049038

CATALOG NUMBER: GALN-SA3B-750-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
0.0	2.5°	68.1	69.1	69.1	70.1	71.1	72.0	72.0	73.0	73.0	73.0
0.0	5°	67.2	69.1	70.1	71.1	72.0	73.0	74.0	75.0	75.9	75.9
0.0	7.5°	66.2	67.2	69.1	70.1	72.0	73.0	75.0	75.9	76.9	77.9
0.0	10°	64.3	66.2	68.1	70.1	72.0	74.0	75.9	77.9	79.8	80.8
0.0	12.5°	62.3	65.2	67.2	69.1	72.0	75.0	76.9	79.8	81.8	83.7
0.0	15°	61.3	63.3	66.2	68.1	72.0	75.9	78.9	82.8	86.6	89.6
0.0	17.5°	58.4	62.3	65.2	68.1	72.0	76.9	80.8	84.7	90.5	96.4
0.0	20°	54.5	57.4	61.3	64.3	70.1	75.0	80.8	85.7	94.4	103.2
0.0	22.5°	50.6	54.5	57.4	61.3	68.1	74.0	80.8	86.6	101.3	114.9
0.0	25°	46.7	51.6	55.5	59.4	67.2	75.0	82.8	90.5	114.9	139.2
0.0	27.5°	44.8	48.7	53.5	57.4	67.2	77.9	87.6	97.4	136.3	174.3
0.0	30°	41.9	46.7	50.6	55.5	68.1	80.8	93.5	106.1	165.5	224.9
0.0	32.5°	38.9	43.8	48.7	53.5	70.1	86.6	102.2	118.8	196.7	273.6
0.0	35°	36.0	41.9	46.7	51.6	73.0	95.4	116.8	138.2	224.9	310.6
0.0	37.5°	35.0	40.9	45.8	50.6	74.0	96.4	119.7	142.1	227.8	313.5
0.0	40°	36.0	40.9	46.7	51.6	71.1	90.5	109.0	128.5	218.1	306.7
0.0	42.5°	36.0	41.9	47.7	53.5	69.1	84.7	100.3	115.9	215.2	314.5
0.0	45°	35.0	40.9	46.7	52.6	67.2	80.8	95.4	109.0	232.7	355.4
0.0	47.5°	34.1	39.9	45.8	51.6	66.2	80.8	95.4	110.0	300.8	490.7
0.0	50°	34.1	39.9	44.8	49.7	67.2	85.7	103.2	120.7	438.1	754.5
0.0	52.5°	36.0	40.9	44.8	48.7	69.1	90.5	111.0	131.4	556.9	981.4
0.0	55°	38.9	41.9	45.8	48.7	74.0	98.3	123.6	148.0	592.9	1037.8
0.0	57.5°	42.8	45.8	48.7	51.6	82.8	113.9	144.1	175.2	595.8	1015.4
0.0	60°	47.7	51.6	54.5	57.4	90.5	124.6	157.7	190.8	539.4	886.9
0.0	62.5°	58.4	63.3	67.2	72.0	104.2	135.3	167.5	198.6	447.8	697.1
0.0	65°	67.2	71.1	75.0	78.9	110.0	142.1	173.3	204.4	379.7	554.9
0.0	67.5°	69.1	73.0	75.9	79.8	112.0	144.1	175.2	207.4	325.2	442.0
	70°	70.1	75.0	80.8	85.7	118.8	151.9	184.0	217.1	288.2	359.2
	72.5°	67.2	76.9	85.7	94.4	125.6	155.8	186.9	217.1	267.7	318.4
	75°	67.2	80.8	93.5	106.1	129.5	151.9	175.2	197.6	236.6	275.5
	77.5°	71.1	88.6	106.1	123.6	137.3	149.9	163.6	176.2	201.5	226.8
	80°	71.1	89.6	107.1	125.6	131.4	138.2	144.1	149.9	152.8	155.8
	82.5°	61.3	75.9	90.5	105.1	98.3	91.5	84.7	77.9	73.0	67.2
	85°	31.2	34.1	36.0	38.0	35.0	32.1	29.2	26.3	24.3	21.4
	87.5°	12.7	12.7	11.7	11.7	11.7	11.7	10.7	10.7	10.7	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

REPORT NUMBER: P1049038

CATALOG NUMBER: GALN-SA3B-750-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
56.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
288.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
390.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
487.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
554.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
603.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
653.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
945.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1440.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2207.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2778.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2841.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2564.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2192.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1713.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1294.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
956.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
676.6											
503.3											
366.1											
275.5											
154.8											
70.1											
20.4											
9.7											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049038

CATALOG NUMBER: GALN-SA3B-750-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°	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
0.0	2.5°	73.0	72.0	72.0	71.1	70.1	69.1	68.1	67.2	66.2	65.2
0.0	5°	75.9	75.9	75.9	75.0	75.0	74.0	74.0	73.0	72.0	71.1
0.0	7.5°	78.9	79.8	79.8	80.8	80.8	80.8	80.8	79.8	79.8	79.8
0.0	10°	83.7	84.7	85.7	86.6	87.6	88.6	88.6	89.6	89.6	89.6
0.0	12.5°	89.6	92.5	94.4	97.4	99.3	102.2	104.2	107.1	109.0	111.0
0.0	15°	98.3	103.2	109.0	113.9	118.8	125.6	133.4	140.2	147.0	157.7
0.0	17.5°	111.0	126.6	142.1	156.7	172.3	206.4	240.5	273.6	307.6	357.3
0.0	20°	135.3	182.1	227.8	274.5	320.3	440.1	558.8	678.6	797.4	924.9
0.0	22.5°	189.8	304.7	419.6	534.5	649.4	899.6	1148.8	1399.0	1648.2	1941.3
0.0	25°	275.5	486.8	698.0	908.3	1119.6	1511.0	1903.3	2294.7	2686.1	3066.7
0.0	27.5°	401.1	724.3	1047.6	1369.8	1693.0	2223.6	2755.2	3285.8	3816.4	4246.7
0.0	30°	555.9	994.0	1432.1	1870.2	2308.3	2911.9	3515.5	4118.2	4721.8	5192.0
0.0	32.5°	701.9	1238.4	1774.8	2310.3	2846.7	3534.0	4222.4	4909.7	5597.0	6111.1
0.0	35°	797.4	1445.7	2095.1	2743.5	3391.9	4135.7	4879.5	5622.3	6366.1	6953.2
0.0	37.5°	892.8	1641.4	2389.1	3137.8	3885.5	4702.3	5519.1	6336.0	7152.8	7878.1
0.0	40°	999.9	1878.0	2755.2	3633.3	4510.5	5478.3	6445.0	7412.7	8379.5	9402.7
0.0	42.5°	1185.8	2270.4	3355.9	4440.4	5525.0	6805.2	8085.5	9364.7	10645.0	12105.3
0.0	45°	1535.3	3063.8	4593.3	6121.8	7650.3	9346.2	11043.2	12739.1	14435.1	16378.3
0.0	47.5°	2391.1	4494.0	6595.9	8698.8	10800.7	12632.0	14462.3	16293.6	18123.9	20059.4
0.0	50°	3658.7	6106.2	8553.8	11000.3	13447.9	15104.9	16760.9	18417.9	20074.0	21915.0
0.0	52.5°	4575.8	7125.5	9676.3	12226.0	14775.8	16271.2	17767.6	19263.0	20758.4	22478.7
0.0	55°	4644.9	7180.0	9716.2	12251.4	14786.5	16288.7	17790.9	19293.2	20795.4	22618.9
0.0	57.5°	4112.3	6627.1	9140.8	11655.5	14169.3	15879.8	17589.4	19300.0	21009.6	22981.0
0.0	60°	3498.0	6013.7	8528.4	11044.1	13558.9	15529.3	17500.8	19471.3	21441.8	23288.7
0.0	62.5°	2728.9	5316.6	7905.4	10493.1	13080.8	15081.5	17082.2	19081.9	21082.6	22468.0
0.0	65°	2033.8	4546.6	7059.3	9571.1	12083.9	13686.4	15288.9	16890.4	18492.9	19350.6
0.0	67.5°	1470.1	3637.2	5803.4	7970.6	10136.8	11283.6	12430.5	13576.4	14723.2	15379.4
	70°	994.0	2495.2	3995.5	5496.8	6997.0	7939.4	8882.8	9825.2	10767.6	11653.6
	72.5°	688.3	1531.4	2375.5	3218.6	4061.7	5010.0	5957.2	6905.5	7852.8	8790.3
	75°	456.6	840.2	1224.7	1608.3	1991.9	2693.9	3396.8	4098.7	4800.7	5359.5
	77.5°	324.2	439.1	554.9	669.8	784.7	916.1	1048.5	1180.0	1311.4	1511.0
	80°	153.8	168.4	183.0	196.7	211.3	259.0	306.7	354.4	402.1	452.7
	82.5°	73.0	78.9	84.7	89.6	95.4	100.3	105.1	110.0	114.9	110.0
	85°	19.5	19.5	20.4	20.4	20.4	20.4	20.4	20.4	20.4	19.5
	87.5°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	7.8	7.8	6.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049038

CATALOG NUMBER: GALN-SA3B-750-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
56.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.9	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
112.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
406.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1053.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2234.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3447.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4677.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5663.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6626.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7540.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8604.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10425.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13565.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18321.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21994.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23756.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24199.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24443.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24952.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25134.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23854.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20209.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16036.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12538.6											
9727.9											
5918.3											
1710.6											
503.3											
104.2											
18.5											
6.8											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											
0.0											

REPORT NUMBER: P1049038

CATALOG NUMBER: GALN-SA3B-750-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
0.0	2.5°	63.3	62.3	61.3	60.4	59.4	57.4	57.4	56.5	56.5
0.0	5°	69.1	68.1	67.2	66.2	66.2	65.2	64.3	64.3	63.3
0.0	7.5°	78.9	77.9	76.9	75.9	75.9	75.0	75.0	74.0	74.0
0.0	10°	90.5	90.5	90.5	90.5	90.5	89.6	89.6	89.6	88.6
0.0	12.5°	113.9	114.9	116.8	118.8	121.7	121.7	121.7	120.7	120.7
0.0	15°	180.1	190.8	198.6	206.4	213.2	228.8	226.8	223.9	222.0
0.0	17.5°	455.6	504.3	530.6	555.9	582.2	654.2	642.6	630.9	620.2
0.0	20°	1180.9	1308.5	1393.2	1477.9	1563.5	1698.9	1665.8	1632.7	1599.6
0.0	22.5°	2526.4	2819.4	2947.0	3074.5	3201.1	3364.6	3258.5	3152.4	3047.3
0.0	25°	3827.1	4207.8	4422.9	4638.1	4852.3	4945.7	4807.5	4668.2	4530.0
0.0	27.5°	5107.3	5537.6	5727.5	5916.4	6106.2	6301.9	6130.5	5958.2	5786.9
0.0	30°	6133.5	6603.7	6809.1	7013.6	7219.0	7355.3	7178.1	6999.9	6822.7
0.0	32.5°	7140.1	7654.2	7879.1	8104.0	8327.9	8523.6	8305.5	8086.4	7868.4
0.0	35°	8126.4	8713.4	9023.0	9332.6	9642.2	9824.3	9565.3	9305.3	9046.4
0.0	37.5°	9329.7	10055.0	10401.6	10748.2	11094.8	11426.7	11141.5	10855.3	10570.0
0.0	40°	11449.1	12472.4	13003.9	13536.5	14068.0	14496.4	14136.2	13776.0	13415.7
0.0	42.5°	15026.0	16486.4	17250.6	18013.9	18778.1	19447.0	19068.3	18689.5	18310.8
0.0	45°	20264.8	22208.0	23139.7	24070.4	25002.1	25490.9	24945.7	24399.5	23854.3
0.0	47.5°	23929.3	25864.7	26694.2	27523.7	28353.2	28911.0	28244.1	27577.2	26911.3
0.0	50°	25596.0	27437.0	28269.4	29100.9	29933.3	30376.2	29606.1	28835.1	28065.0
0.0	52.5°	25918.3	27638.6	28631.6	29625.6	30618.6	31210.6	30301.3	29391.0	28481.7
0.0	55°	26266.8	28090.3	29242.0	30394.7	31546.5	32366.2	31338.1	30309.1	29281.0
0.0	57.5°	26923.0	28894.5	30043.3	31191.1	32339.9	33036.0	32005.0	30973.0	29942.0
0.0	60°	26981.4	28827.3	29814.5	30802.7	31789.8	32228.0	31241.7	30254.5	29268.3
0.0	62.5°	25239.7	26625.1	27310.5	27995.9	28681.3	29157.3	28128.3	27098.2	26069.2
0.0	65°	21067.0	21924.7	22470.9	23017.0	23563.2	24130.8	23188.4	22246.0	21303.6
0.0	67.5°	16692.8	17348.9	18068.4	18787.9	19507.3	20113.9	19359.4	18603.9	17849.4
	70°	13424.5	14309.5	15118.5	15927.5	16736.6	17233.1	16475.7	15717.2	14959.8
	72.5°	10665.4	11603.0	12278.6	12953.3	13628.9	13750.6	13193.8	12636.9	12081.0
	75°	6476.2	7035.0	7048.6	7061.3	7074.9	7190.8	6729.3	6267.8	5807.3
	77.5°	1910.1	2109.7	2274.2	2437.8	2602.3	2800.9	2631.5	2461.2	2291.8
	80°	553.0	603.6	646.4	688.3	731.1	705.8	665.9	626.0	586.1
	82.5°	99.3	93.5	92.5	91.5	91.5	86.6	78.9	71.1	63.3
	85°	17.5	16.6	15.6	14.6	13.6	12.7	10.7	9.7	7.8
	87.5°	5.8	4.9	3.9	2.9	2.9	1.0	1.0	1.0	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



REPORT NUMBER: P1049038

CATALOG NUMBER: GALN-SA3B-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049038

CATALOG NUMBER: GALN-SA3B-750-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°	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
0.0	0.0	2.5°	55.5	54.5	54.5	54.5	54.5	53.5	53.5	53.5	53.5
0.0	0.0	5°	61.3	61.3	60.4	60.4	59.4	59.4	58.4	58.4	57.4
0.0	0.0	7.5°	72.0	71.1	70.1	69.1	68.1	66.2	65.2	64.3	64.3
0.0	0.0	10°	86.6	84.7	83.7	81.8	80.8	78.9	76.9	75.0	73.0
0.0	0.0	12.5°	113.9	110.0	107.1	103.2	99.3	96.4	92.5	89.6	85.7
0.0	0.0	15°	197.6	187.9	177.2	164.5	150.9	138.2	124.6	116.8	108.1
0.0	0.0	17.5°	505.3	454.7	403.1	361.2	319.3	278.4	236.6	206.4	176.2
0.0	0.0	20°	1286.1	1145.9	1005.7	867.4	728.2	590.0	450.8	380.7	310.6
0.0	0.0	22.5°	2420.3	2160.3	1899.4	1647.3	1394.1	1142.0	889.8	731.1	573.4
0.0	0.0	25°	3735.6	3408.5	3081.3	2666.6	2250.9	1836.1	1421.4	1163.4	905.4
0.0	0.0	27.5°	4861.0	4484.2	4107.5	3603.2	3098.9	2594.6	2090.2	1705.7	1322.1
0.0	0.0	30°	5835.6	5430.6	5025.5	4438.5	3851.4	3264.4	2677.3	2196.4	1715.4
0.0	0.0	32.5°	6680.6	6195.8	5710.9	5105.4	4499.8	3894.3	3288.7	2698.7	2108.7
0.0	0.0	35°	7655.1	7089.5	6522.9	5851.1	5178.4	4506.6	3834.9	3169.0	2502.1
0.0	0.0	37.5°	8893.5	8199.4	7504.2	6755.6	6006.9	5259.2	4510.5	3749.2	2987.9
0.0	0.0	40°	11264.2	10368.5	9472.8	8521.6	7569.5	6618.3	5667.1	4732.5	3797.9
0.0	0.0	42.5°	15511.8	14301.7	13091.5	11825.9	10559.3	9293.7	8027.1	6708.8	5389.7
0.0	0.0	45°	20305.7	18804.4	17302.2	15881.8	14460.4	13039.9	11619.5	9810.6	8001.7
0.0	0.0	47.5°	23001.5	21380.5	19759.5	18415.0	17070.5	15726.0	14381.5	12431.5	10481.4
0.0	0.0	50°	23993.5	22343.3	20693.1	19455.7	18217.4	16980.0	15741.6	13788.6	11834.7
0.0	0.0	52.5°	24204.8	22521.5	20838.2	19593.0	18347.8	17103.6	15858.4	13918.1	11977.8
0.0	0.0	55°	24639.0	22833.0	21026.1	19606.6	18187.2	16767.7	15348.3	13376.8	11405.3
0.0	0.0	57.5°	25206.6	23354.9	21503.2	19886.1	18269.0	16652.8	15035.8	12880.3	10724.8
0.0	0.0	60°	25057.6	23446.4	21834.2	20102.2	18369.2	16637.3	14904.3	12533.7	10162.1
0.0	0.0	62.5°	22471.8	21188.7	19904.6	18480.2	17054.9	15630.6	14206.3	11765.5	9324.8
0.0	0.0	65°	18487.0	17550.5	16613.9	15468.0	14321.2	13175.3	12029.4	9840.8	7653.2
0.0	0.0	67.5°	14983.2	13927.8	12871.5	11958.3	11044.1	10130.9	9216.7	7494.5	5772.3
		70°	11903.8	10756.0	9607.1	8715.4	7822.6	6930.8	6039.0	4894.1	3750.2
		72.5°	9453.3	8418.4	7383.5	6432.4	5480.2	4529.0	3576.9	2900.3	2223.6
		75°	4518.3	4104.6	3690.8	3193.3	2695.8	2198.3	1700.8	1405.8	1111.8
		77.5°	1674.5	1451.6	1227.7	1025.2	822.7	621.1	418.6	383.6	348.5
		80°	433.2	377.7	321.3	281.4	240.5	200.6	160.6	145.1	130.5
		82.5°	49.7	45.8	42.8	40.9	38.0	36.0	33.1	30.2	27.3
		85°	2.9	1.9	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



REPORT NUMBER: P1049038

CATALOG NUMBER: GALN-SA3B-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049038

CATALOG NUMBER: GALN-SA3B-750-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	56.5	56.5
0.0	0.0	2.5°	52.6	51.6
0.0	0.0	5°	55.5	54.5
0.0	0.0	7.5°	61.3	59.4
0.0	0.0	10°	67.2	65.2
0.0	0.0	12.5°	75.9	73.0
0.0	0.0	15°	85.7	79.8
0.0	0.0	17.5°	102.2	89.6
0.0	0.0	20°	138.2	106.1
0.0	0.0	22.5°	194.7	132.4
0.0	0.0	25°	286.2	183.0
0.0	0.0	27.5°	398.2	243.4
0.0	0.0	30°	529.6	304.7
0.0	0.0	32.5°	645.5	363.1
0.0	0.0	35°	796.4	422.5
0.0	0.0	37.5°	982.3	498.5
0.0	0.0	40°	1270.5	613.3
0.0	0.0	42.5°	1789.4	825.6
0.0	0.0	45°	2906.1	1427.2
0.0	0.0	47.5°	4471.6	2360.9
0.0	0.0	50°	5470.5	3013.2
0.0	0.0	52.5°	5552.2	3008.3
0.0	0.0	55°	5068.4	2674.4
0.0	0.0	57.5°	4324.6	2235.3
0.0	0.0	60°	3594.4	1768.0
0.0	0.0	62.5°	2832.1	1220.9
0.0	0.0	65°	2069.8	863.6
0.0	0.0	67.5°	1486.6	645.5
		70°	977.5	494.6
		72.5°	636.7	403.1
		75°	428.4	333.9
		77.5°	250.2	222.0
		80°	88.6	77.9
		82.5°	16.6	11.7
		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: P1049038

CATALOG NUMBER: GALN-SA3B-750-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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

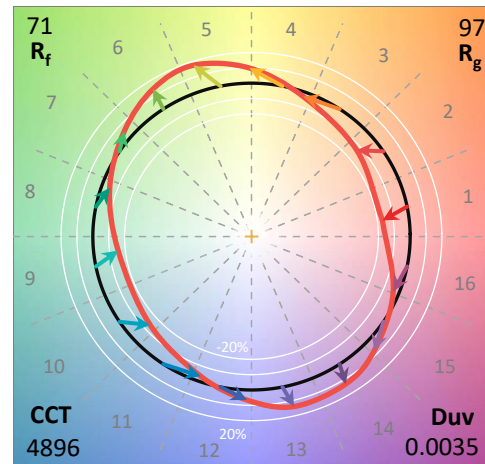
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-6
 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-750-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896	CRI (Ra):	70.2		
CIE u':	0.2101	R1:	68.1	R9:	-35.1
CIE v':	0.4901	R2:	73.9	R10:	39.3
Duv:	0.0035	R3:	79.4	R11:	71.1
CIE x:	0.3489	R4:	72.1	R12:	43.8
CIE y:	0.3618	R5:	69.2	R13:	68.1
CIE z:	0.2893	R6:	65.7	R14:	88.4
Peak Wavelength (nm):	443	R7:	78.1	R15:	59.7
Dominant Wavelength (nm):	570	R8:	55.3		
Purity:	13.25435				
Rf:	70.7				
Rg:	96.8				



Test Conditions

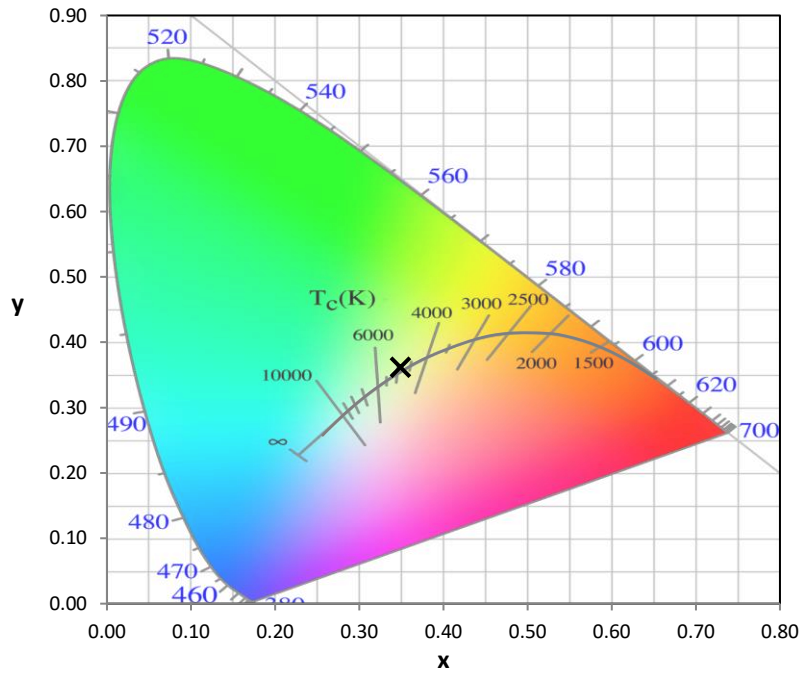
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-6

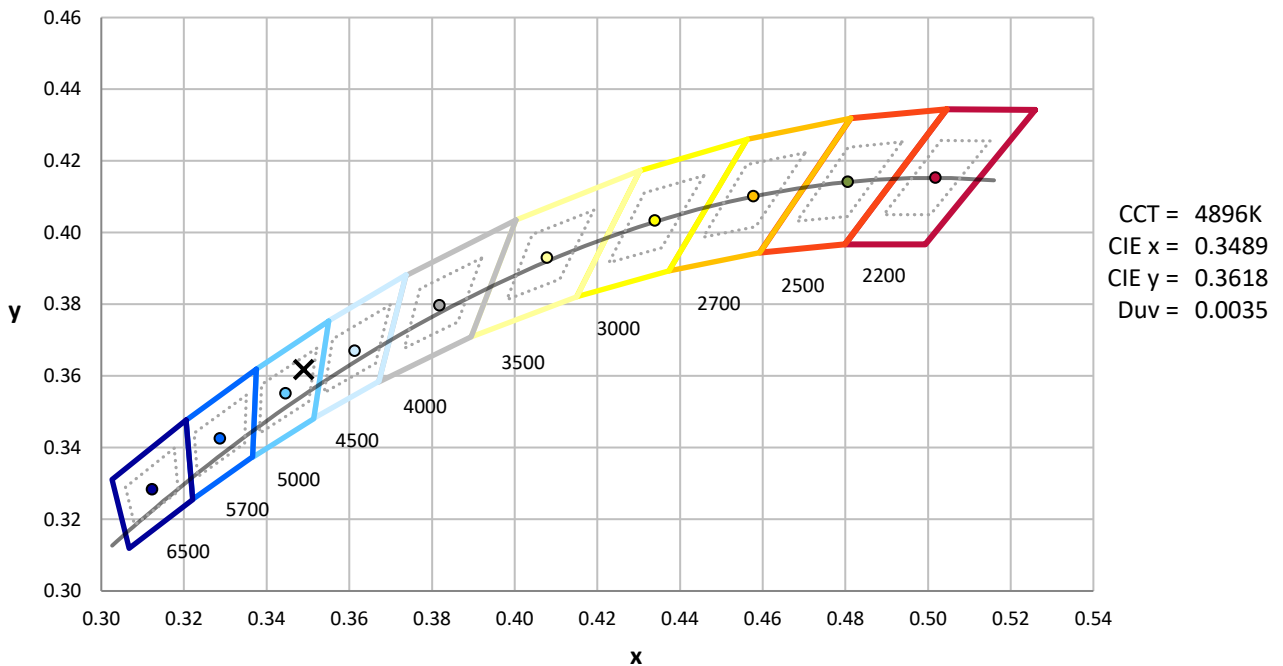
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-6

CIE 1931 Chromaticity Diagram



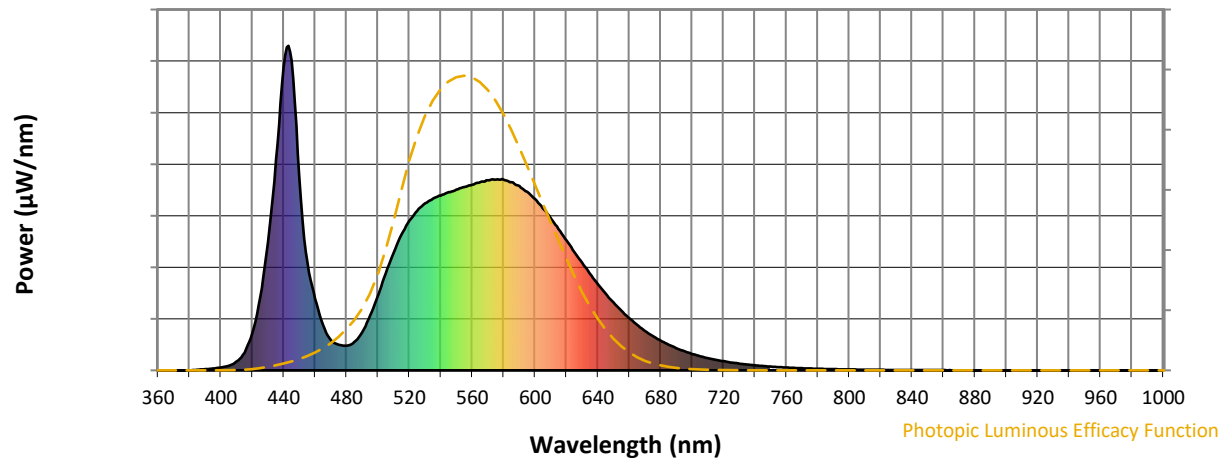
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-6

Photopic Flux vs. Wavelength

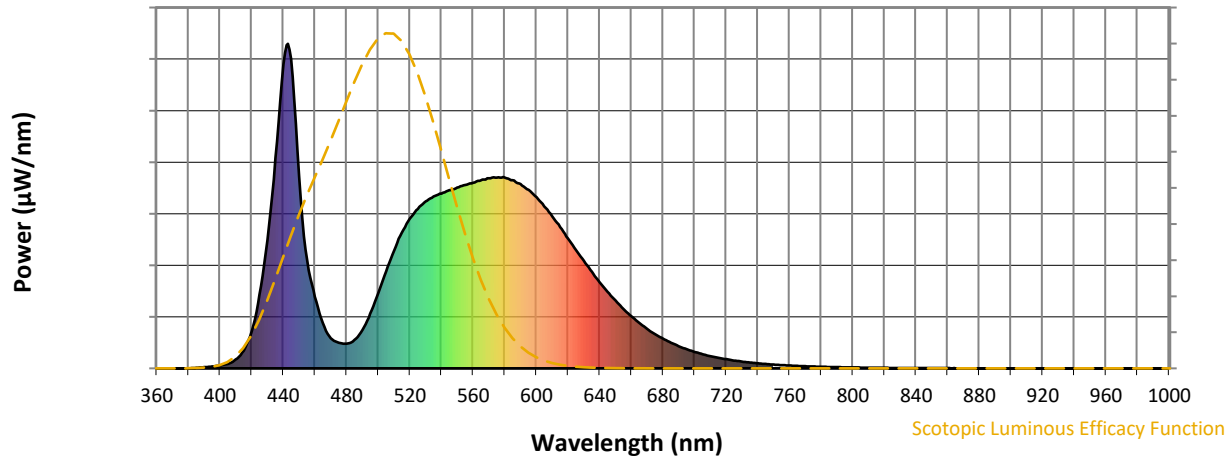


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

Scotopic Flux vs. Wavelength



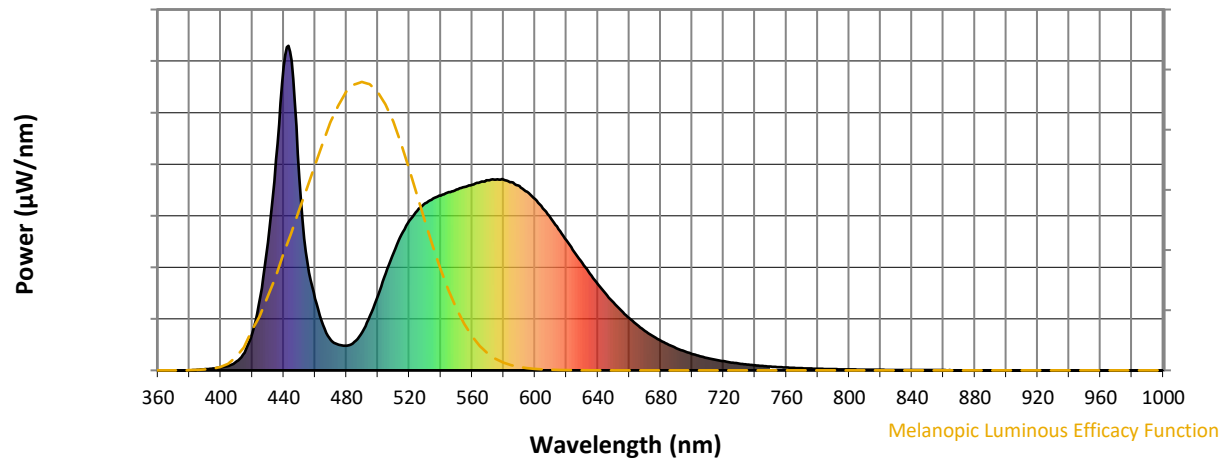
Scotopic Lumens: NR

S/P: 1.7

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

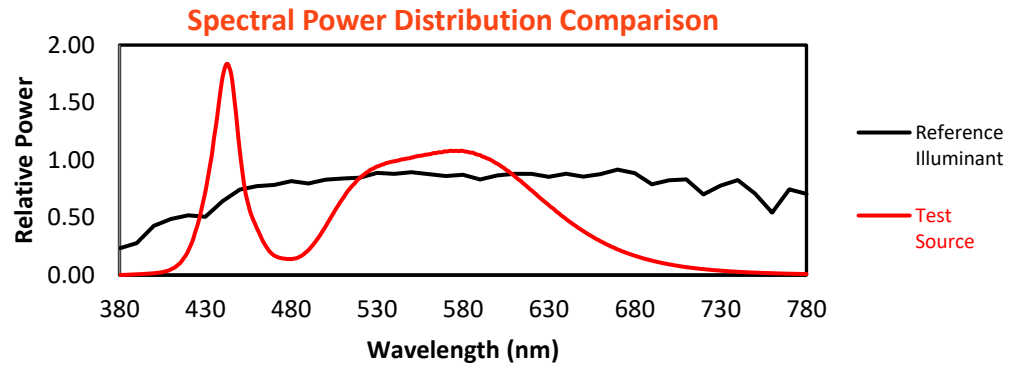
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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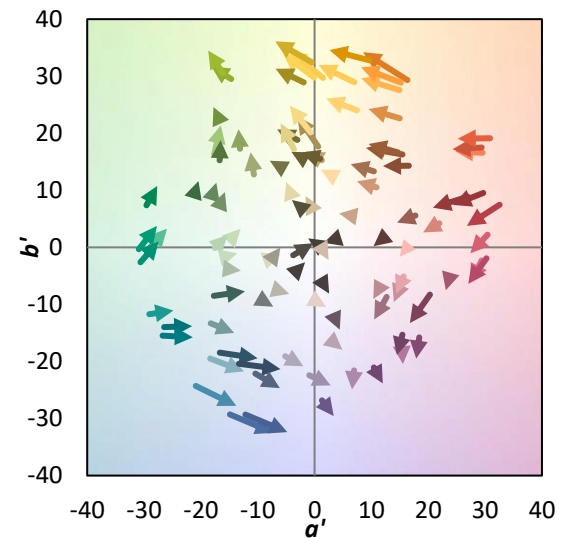
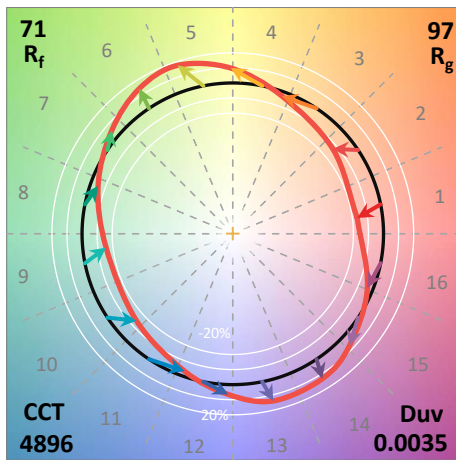
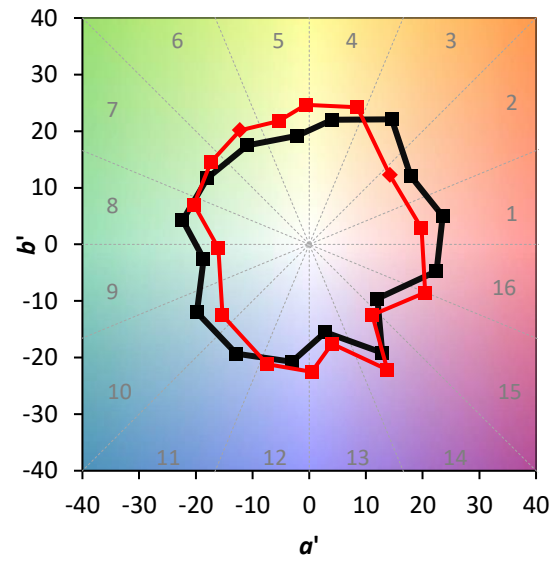
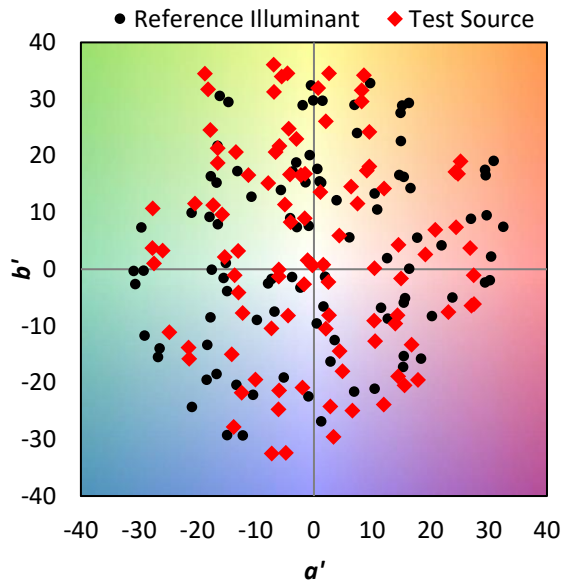
TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 CIE $R_a = 70.2$
 $R_g = -35.1$

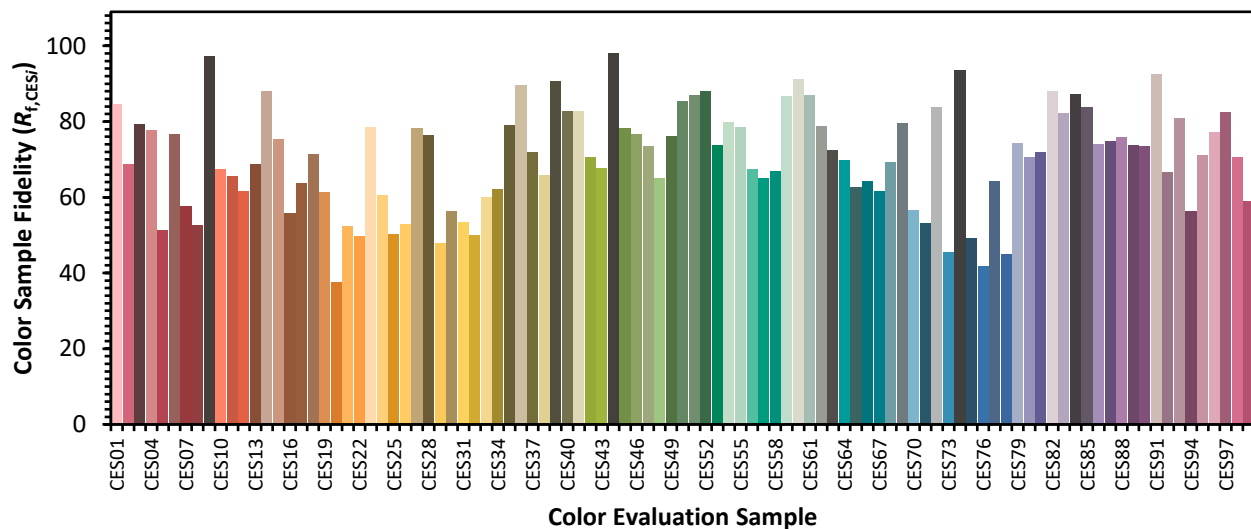


Color Vector Graphics

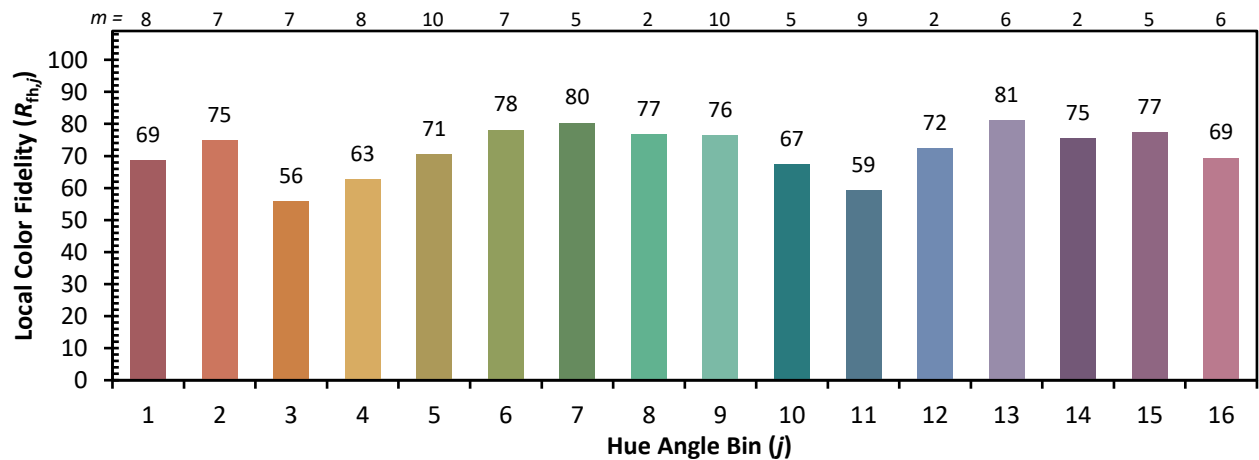
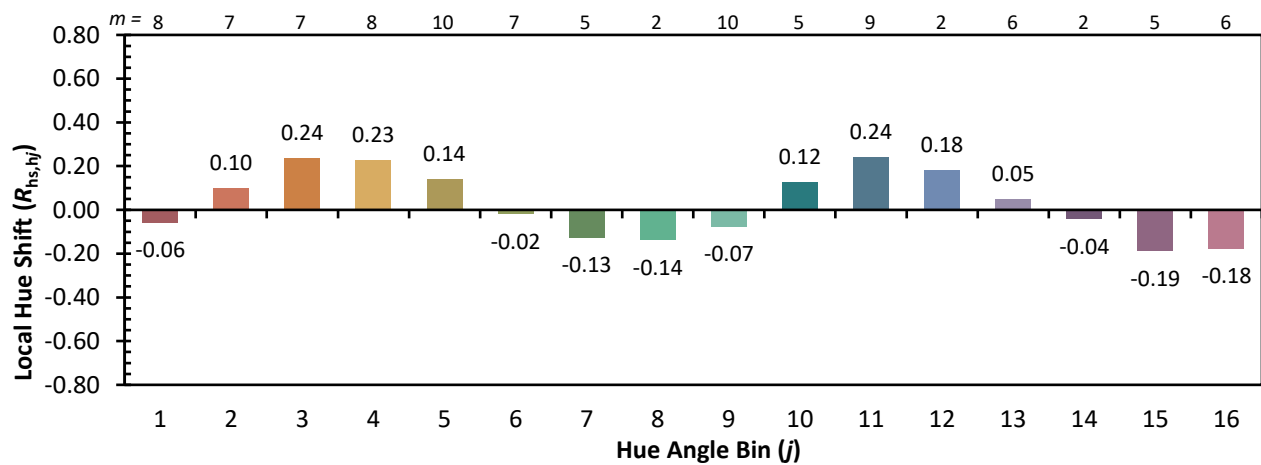
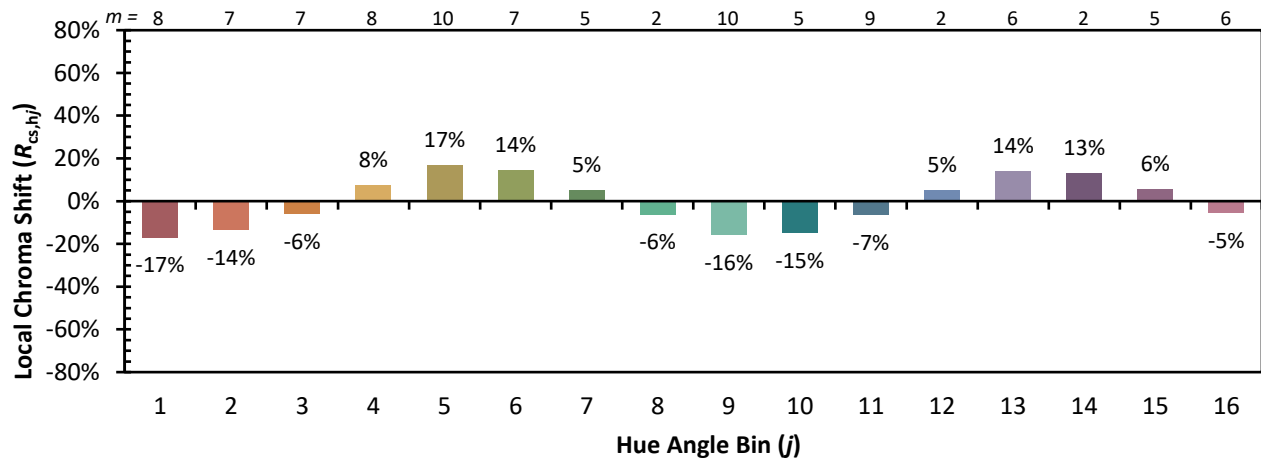


Individual Sample Fidelity Index ($R_{f,i}$)

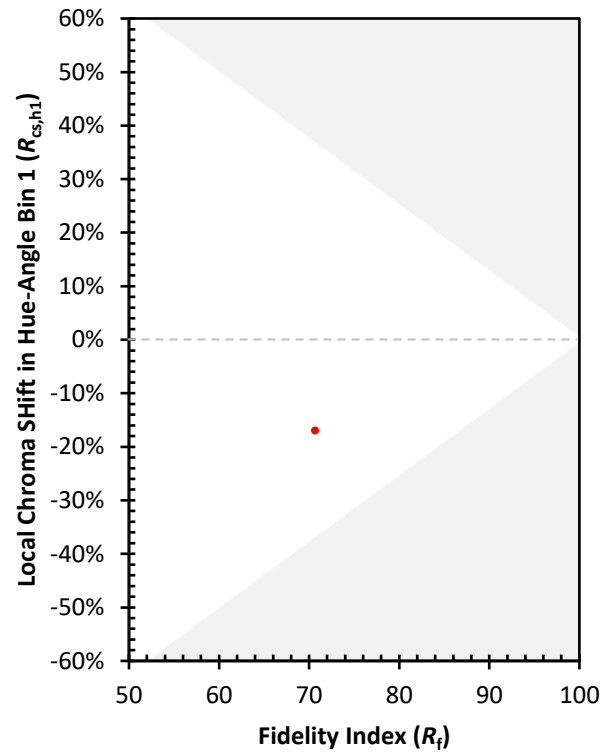
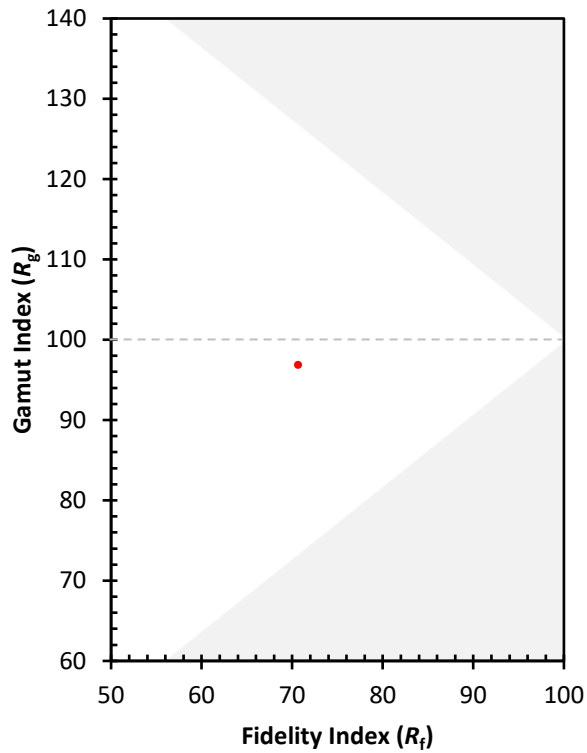
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)