

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: P1049291

Luminaire Tested: **GALN-SA3C-927-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049291
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3C-927-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
90CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9669.4 lumens
Efficiency: N/A
Efficacy: 68.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

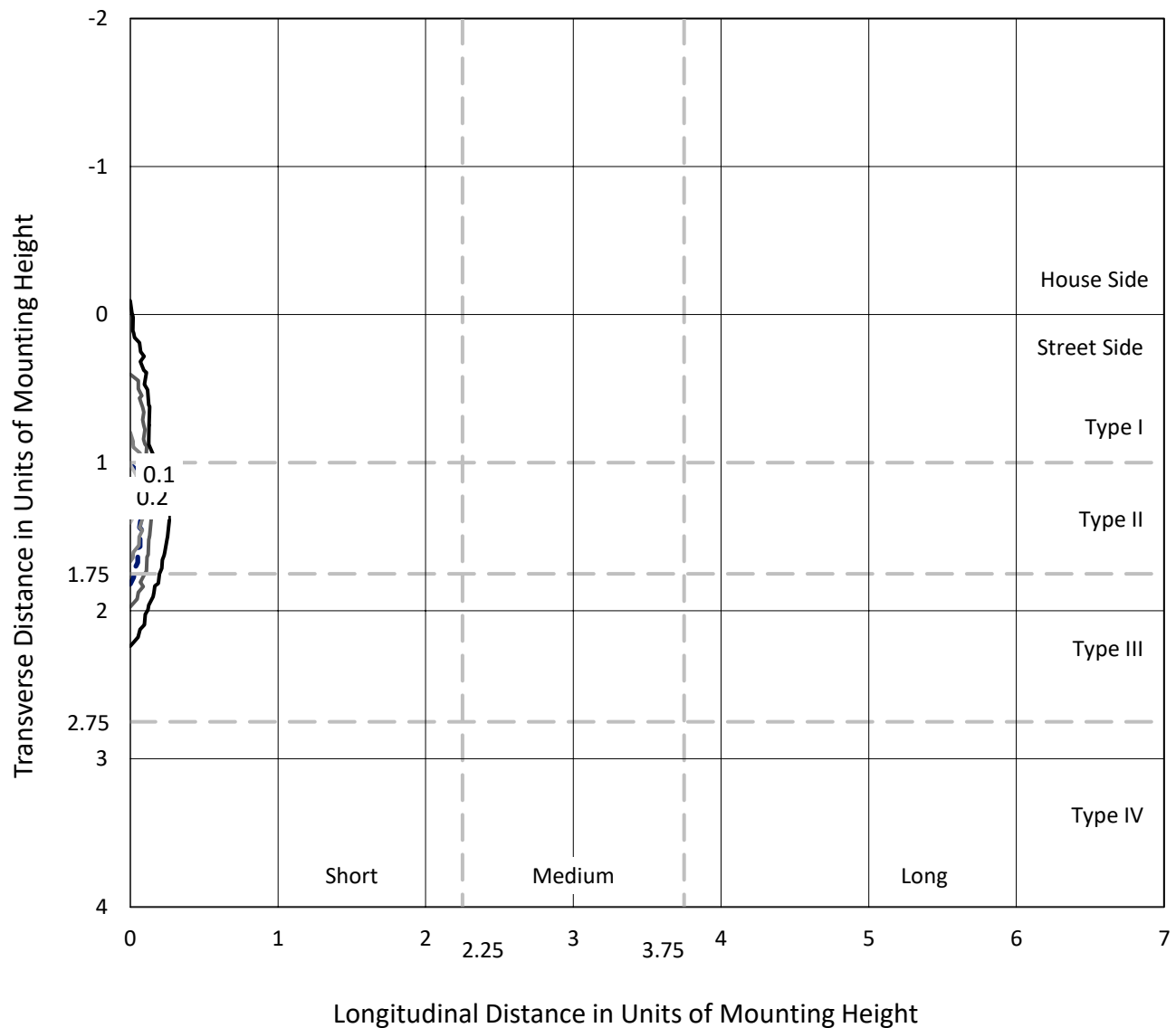
Input Watts (W): 140.4
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

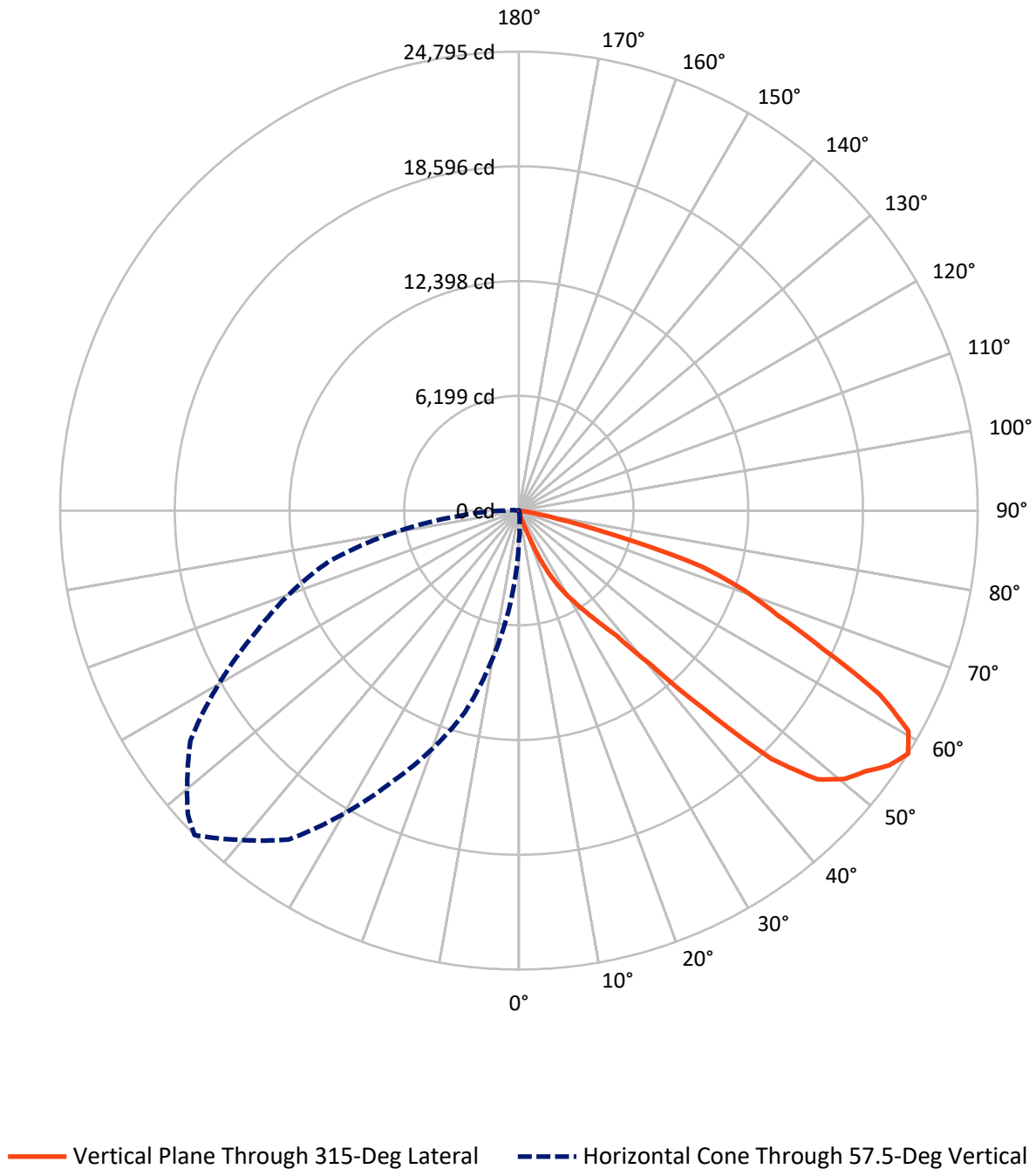
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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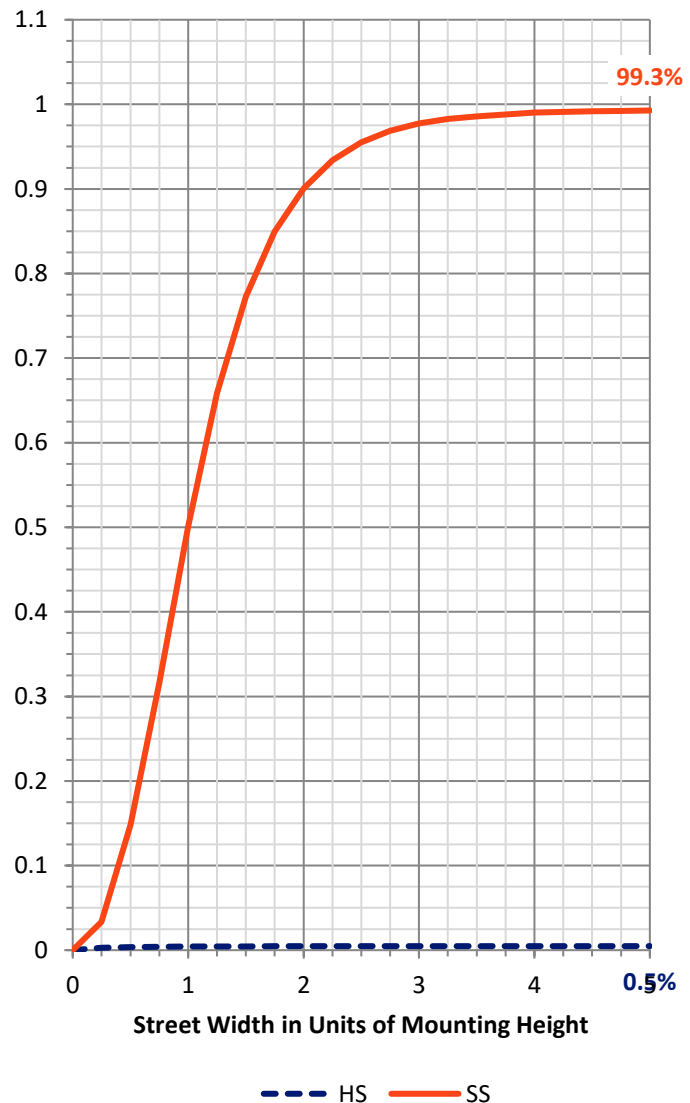
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	48.4	0.0	48.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	9620.9	0.0	9620.9
	% Fixture	99.5	0.0	99.5
Total	Lumens	9669.4	0.0	9669.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.8	0.0
10°-20°	21.2	0.2
20°-30°	229.2	2.4
30°-40°	677.6	7.0
40°-50°	2019.5	20.9
50°-60°	3202.3	33.1
60°-70°	2673.1	27.6
70°-80°	824.3	8.5
80°-90°	18.3	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°	9669.4	100.0
0°-180°	9669.4	100.0



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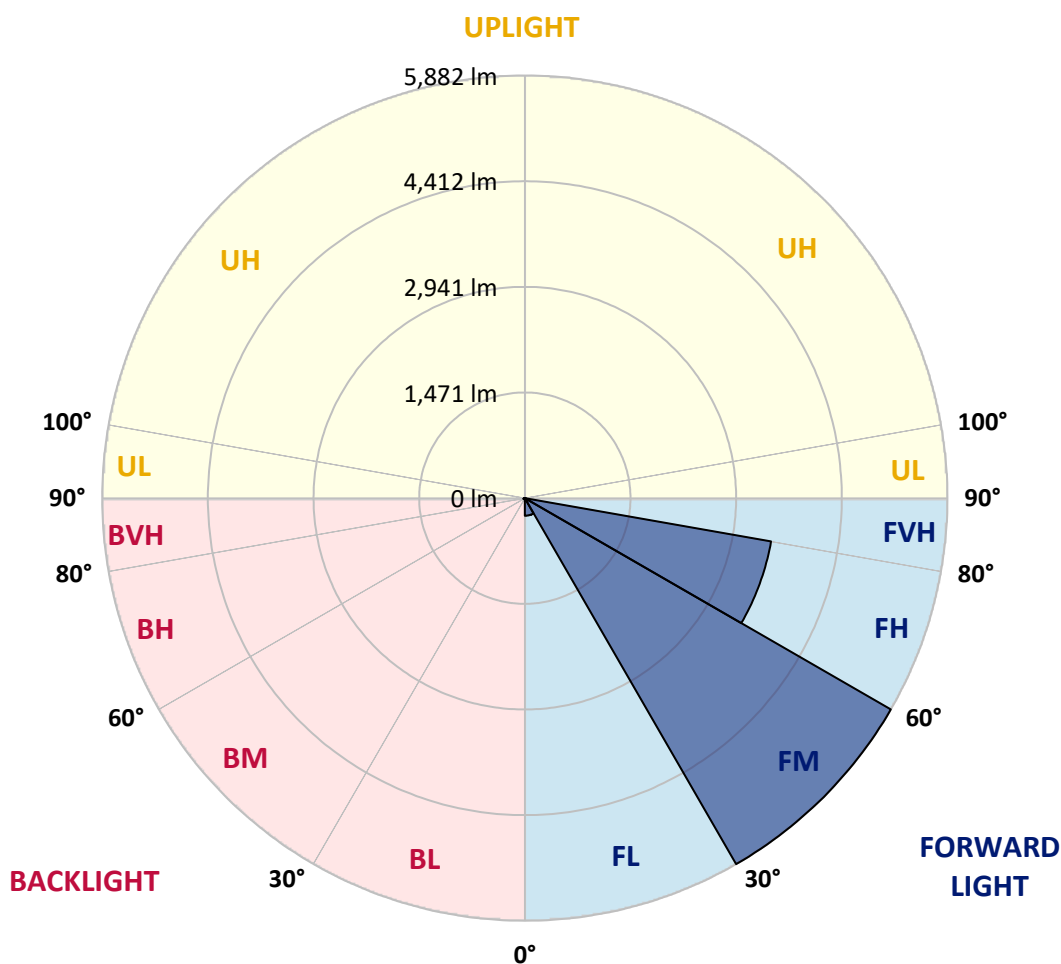
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	245.3	2.5			
FM	(30°-60°)	5882.1	60.8			
FH	(60°-80°)	3479.3	36.0			G2/5000
FVH	(80°-90°)	14.2	0.1			G1/100
BL	(0°-30°)	8.9	0.1	B0/110		
BM	(30°-60°)	17.3	0.2	B0/220		
BH	(60°-80°)	18.1	0.2	B0/110		G0/110
BVH	(80°-90°)	4.2	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°	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
2.5°	38.7	38.7	38.7	38.7	38.0	38.0	37.3	37.3	36.5	36.5
5°	40.9	40.9	40.2	39.5	39.5	38.7	38.0	37.3	37.3	36.5
7.5°	44.6	43.8	43.1	42.4	40.9	40.2	38.7	38.0	37.3	35.8
10°	49.0	47.5	46.0	44.6	43.1	41.7	40.2	39.5	38.0	37.3
12.5°	54.8	52.6	49.7	47.5	46.0	43.8	42.4	40.9	38.7	37.3
15°	59.9	57.0	53.3	50.4	48.2	45.3	43.1	40.9	39.5	37.3
17.5°	67.2	62.1	56.3	52.6	49.7	46.0	42.4	40.2	38.0	35.1
20°	79.6	69.4	58.5	54.1	49.7	45.3	40.9	38.0	35.8	32.9
22.5°	99.4	81.8	64.3	57.7	51.9	45.3	39.5	36.5	33.6	30.7
25°	137.4	106.0	74.5	65.8	57.0	48.2	39.5	35.8	32.9	29.2
27.5°	182.7	135.9	88.4	76.0	64.3	51.9	39.5	35.1	31.4	27.0
30°	228.7	166.6	103.8	87.7	71.6	55.5	39.5	34.3	30.0	24.8
32.5°	272.6	195.1	116.9	97.9	78.9	59.2	40.2	34.3	28.5	22.7
35°	317.1	218.5	119.1	99.4	79.6	59.2	39.5	32.9	27.0	20.5
37.5°	374.1	244.8	114.7	95.0	76.0	56.3	37.3	31.4	25.6	19.0
40°	460.3	288.6	116.9	96.5	76.0	55.5	35.1	29.2	24.1	18.3
42.5°	619.6	373.4	126.4	103.0	79.6	55.5	32.2	27.0	22.7	17.5
45°	1071.2	620.4	169.5	134.4	99.4	64.3	29.2	24.8	21.2	16.8
47.5°	1772.0	1038.3	304.7	235.3	166.6	97.2	28.5	24.8	21.2	16.8
50°	2261.5	1322.6	383.6	295.2	206.8	118.4	30.0	25.6	21.9	17.5
52.5°	2257.9	1343.0	427.5	328.1	229.4	130.1	31.4	27.0	23.4	19.0
55°	2007.2	1221.7	435.5	334.7	234.6	133.7	33.6	29.2	24.8	20.5
57.5°	1677.7	1037.6	397.5	307.6	218.5	128.6	38.7	33.6	29.2	24.1
60°	1327.0	818.4	309.8	244.8	180.5	115.5	51.1	44.6	38.7	32.2
62.5°	916.3	593.3	270.4	217.0	164.4	111.1	58.5	51.9	46.0	39.5
65°	648.1	446.5	244.1	198.8	154.2	108.9	63.6	56.3	49.7	42.4
67.5°	484.5	355.1	225.1	186.3	147.6	108.9	70.1	61.4	53.3	44.6
70°	371.2	291.6	211.2	179.8	149.1	117.6	86.2	73.8	62.1	49.7
72.5°	302.5	249.2	195.1	172.4	149.8	127.1	104.5	88.4	72.3	55.5
75°	250.6	213.4	176.1	157.1	138.8	119.8	100.8	86.2	72.3	57.7
77.5°	166.6	152.0	136.6	125.7	114.7	103.0	92.1	79.6	68.0	55.5
80°	58.5	56.3	54.1	58.5	62.8	67.2	71.6	62.8	54.8	46.0
82.5°	8.8	8.0	7.3	8.0	8.8	9.5	10.2	11.0	11.7	12.4
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°	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
0.0	2.5°	35.8	35.8	35.1	35.1	35.1	34.3	34.3	33.6	33.6	33.6
0.0	5°	35.1	35.1	34.3	33.6	32.9	32.9	32.2	31.4	31.4	30.7
0.0	7.5°	34.3	33.6	32.9	32.2	31.4	30.7	30.0	29.2	29.2	28.5
0.0	10°	35.1	33.6	32.9	31.4	30.7	30.0	28.5	27.8	27.0	27.0
0.0	12.5°	33.6	32.9	31.4	30.0	29.2	27.8	27.0	25.6	24.8	24.8
0.0	15°	33.6	32.2	30.0	28.5	27.0	26.3	24.8	23.4	22.7	21.9
0.0	17.5°	31.4	30.0	27.8	26.3	24.8	23.4	21.9	20.5	19.7	19.0
0.0	20°	28.5	27.0	24.8	22.7	21.2	19.7	18.3	16.8	16.1	15.3
0.0	22.5°	25.6	24.1	21.9	19.7	18.3	16.8	14.6	13.2	12.4	11.0
0.0	25°	24.1	21.9	19.7	17.5	15.3	13.9	11.7	9.5	8.0	6.6
0.0	27.5°	20.5	18.3	16.1	13.9	11.7	9.5	7.3	5.1	3.7	2.9
0.0	30°	17.5	15.3	13.2	11.0	8.0	5.8	3.7	0.7	0.7	0.7
0.0	32.5°	14.6	12.4	9.5	7.3	5.8	3.7	2.2	0.0	0.0	0.0
0.0	35°	11.7	9.5	6.6	4.4	3.7	2.2	1.5	0.0	0.0	0.0
0.0	37.5°	10.2	8.0	5.1	2.2	1.5	1.5	0.7	0.0	0.0	0.0
0.0	40°	9.5	6.6	3.7	0.7	0.7	0.7	0.0	0.0	0.0	0.0
0.0	42.5°	9.5	6.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	9.5	6.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	9.5	6.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	10.2	7.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	11.7	8.8	5.8	2.9	2.2	1.5	0.7	0.0	0.0	0.0
0.0	55°	14.6	13.2	11.0	9.5	7.3	5.1	2.2	0.0	0.0	0.0
0.0	57.5°	19.0	19.0	18.3	17.5	13.2	8.8	4.4	0.0	0.0	0.0
0.0	60°	25.6	25.6	25.6	25.6	19.0	13.2	6.6	0.0	0.0	0.0
0.0	62.5°	31.4	30.0	27.8	26.3	19.7	13.2	6.6	0.0	0.0	0.0
0.0	65°	31.4	28.5	24.8	21.2	16.1	11.0	5.1	0.0	0.0	0.0
0.0	67.5°	29.2	23.4	16.8	11.0	8.0	5.8	2.9	0.0	0.0	0.0
	70°	29.2	20.5	11.7	2.9	2.2	1.5	0.7	0.0	0.0	0.0
	72.5°	29.2	19.7	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	32.2	21.9	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	32.2	21.9	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	28.5	19.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	9.5	6.6	2.9	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



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
0.0	2.5°	32.9	32.9	32.9	32.2	32.2	32.2	32.2	31.4	31.4	31.4
0.0	5°	30.0	30.0	29.2	29.2	28.5	28.5	27.8	27.8	27.0	27.0
0.0	7.5°	27.8	27.0	27.0	26.3	25.6	25.6	24.8	24.8	24.1	23.4
0.0	10°	25.6	24.8	24.8	24.1	23.4	22.7	22.7	21.9	21.2	20.5
0.0	12.5°	23.4	22.7	21.9	21.2	20.5	19.7	19.7	19.0	18.3	17.5
0.0	15°	20.5	19.7	19.0	18.3	17.5	16.8	16.8	16.1	15.3	14.6
0.0	17.5°	17.5	16.8	16.8	16.1	15.3	14.6	13.9	12.4	11.7	11.0
0.0	20°	13.2	12.4	11.7	11.0	10.2	8.8	8.0	6.6	5.1	4.4
0.0	22.5°	8.8	7.3	6.6	5.1	3.7	2.9	2.2	0.7	0.0	0.0
0.0	25°	2.9	2.2	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA3C-927-U-RBC

[illegible]

REPORT NUMBER: P1049291

CATALOG NUMBER: GALN-SA3C-927-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
0.0	2.5°	30.7	30.7	30.7	30.0	30.0	30.0	30.0	30.0	30.0	30.0
0.0	5°	26.3	26.3	26.3	25.6	25.6	24.8	24.8	24.8	24.1	24.1
0.0	7.5°	22.7	21.9	21.9	21.2	21.2	20.5	20.5	20.5	19.7	19.7
0.0	10°	19.0	18.3	18.3	17.5	17.5	16.8	16.8	16.1	16.1	15.3
0.0	12.5°	16.8	16.1	15.3	14.6	14.6	13.9	13.2	13.2	12.4	11.7
0.0	15°	13.2	12.4	11.7	11.0	10.2	9.5	8.8	8.8	8.0	7.3
0.0	17.5°	8.8	7.3	6.6	5.8	5.8	5.1	4.4	3.7	2.9	2.2
0.0	20°	2.2	1.5	0.7	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: P1049291

CATALOG NUMBER: GALN-SA3C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049291

CATALOG NUMBER: GALN-SA3C-927-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°	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
0.0	2.5°	30.0	29.2	29.2	29.2	30.0	30.0	30.0	30.0	30.0	30.0
0.0	5°	24.1	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
0.0	7.5°	19.7	19.0	19.0	19.0	19.0	18.3	18.3	18.3	18.3	18.3
0.0	10°	15.3	14.6	14.6	14.6	14.6	13.9	13.9	13.9	13.9	13.9
0.0	12.5°	11.0	11.0	10.2	10.2	10.2	9.5	9.5	9.5	9.5	8.8
0.0	15°	6.6	5.8	5.1	5.1	5.1	4.4	4.4	4.4	4.4	3.7
0.0	17.5°	1.5	1.5	0.7	0.7	0.7	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

CATALOG NUMBER: GALN-SA3C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049291

CATALOG NUMBER: GALN-SA3C-927-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
0.0	2.5°	30.7	30.7	31.4	31.4	32.2	33.6	34.3	35.1	36.5	38.0
0.0	5°	24.1	24.8	24.8	25.6	26.3	27.0	27.8	28.5	30.0	31.4
0.0	7.5°	19.0	19.0	19.7	19.7	20.5	21.9	22.7	23.4	24.8	27.0
0.0	10°	14.6	14.6	15.3	15.3	16.1	17.5	18.3	19.0	20.5	22.7
0.0	12.5°	9.5	10.2	10.2	11.0	11.7	13.2	13.9	14.6	16.1	17.5
0.0	15°	4.4	5.1	5.1	5.8	6.6	8.0	8.8	9.5	11.0	13.2
0.0	17.5°	0.7	0.7	1.5	1.5	2.2	2.9	3.7	4.4	6.6	8.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.9
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
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: P1049291

CATALOG NUMBER: GALN-SA3C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049291

CATALOG NUMBER: GALN-SA3C-927-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°	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
0.0	2.5°	40.2	41.7	43.1	44.6	46.0	47.5	48.2	49.7	50.4	51.1
0.0	5°	34.3	35.8	38.0	39.5	40.9	42.4	43.8	44.6	45.3	46.0
0.0	7.5°	30.0	31.4	33.6	35.1	36.5	38.0	39.5	40.9	41.7	42.4
0.0	10°	25.6	27.8	29.2	31.4	32.9	34.3	35.8	37.3	38.7	39.5
0.0	12.5°	20.5	22.7	24.8	26.3	28.5	30.7	32.2	33.6	35.1	36.5
0.0	15°	16.1	18.3	20.5	21.9	24.1	26.3	28.5	30.0	31.4	32.9
0.0	17.5°	11.7	13.9	16.1	17.5	19.7	21.9	23.4	25.6	27.0	28.5
0.0	20°	5.8	8.0	10.2	12.4	14.6	16.8	18.3	20.5	21.9	23.4
0.0	22.5°	0.7	2.9	5.1	6.6	8.8	11.0	12.4	14.6	16.1	17.5
0.0	25°	0.0	0.7	2.2	2.9	3.7	5.1	6.6	8.0	9.5	11.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.7	1.5	2.9	4.4	5.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.5
	85°	0.0	0.0	0.0	0.0	0.0	1.5	2.2	3.7	4.4	5.1
	87.5°	0.0	0.7	1.5	2.2	2.9	4.4	5.8	7.3	8.0	8.8
	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: P1049291

CATALOG NUMBER: GALN-SA3C-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
42.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	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
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0.0											
0.0											
0.0											
0.7											
2.9											
6.6											
9.5											
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REPORT NUMBER: P1049291

CATALOG NUMBER: GALN-SA3C-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
0.0	2.5°	51.9	51.9	51.9	51.9	51.1	51.1	51.1	50.4	50.4	49.7
0.0	5°	47.5	48.2	48.2	48.2	48.2	48.2	48.2	48.2	47.5	47.5
0.0	7.5°	43.8	44.6	45.3	45.3	46.0	46.0	46.0	45.3	45.3	44.6
0.0	10°	41.7	42.4	42.4	43.1	43.1	43.1	43.1	43.1	43.1	43.1
0.0	12.5°	38.7	39.5	40.2	40.2	40.9	40.9	40.9	40.9	40.2	40.2
0.0	15°	35.1	36.5	37.3	38.0	38.0	38.7	38.7	38.7	38.7	38.7
0.0	17.5°	32.2	33.6	34.3	35.1	35.1	35.8	35.8	36.5	36.5	36.5
0.0	20°	26.3	27.8	28.5	30.0	30.7	31.4	32.2	32.9	32.9	33.6
0.0	22.5°	20.5	21.9	22.7	24.1	24.8	25.6	26.3	27.0	27.8	28.5
0.0	25°	14.6	16.1	16.8	18.3	19.0	19.7	20.5	21.2	21.2	21.9
0.0	27.5°	8.0	9.5	11.0	11.7	13.2	13.9	14.6	15.3	16.1	16.8
0.0	30°	3.7	4.4	5.1	6.6	7.3	8.0	8.8	10.2	11.0	11.7
0.0	32.5°	0.0	0.0	0.7	2.2	2.9	3.7	4.4	5.1	5.1	5.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	2.2	2.9
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°	1.5	1.5	1.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	82.5°	3.7	4.4	5.1	5.1	5.8	5.8	5.8	5.8	5.1	5.1
	85°	7.3	8.0	8.8	8.8	9.5	9.5	9.5	9.5	9.5	9.5
	87.5°	10.2	11.0	11.7	11.7	12.4	12.4	12.4	12.4	12.4	12.4
	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: P1049291

CATALOG NUMBER: GALN-SA3C-927-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
42.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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REPORT NUMBER: P1049291

CATALOG NUMBER: GALN-SA3C-927-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°	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
0.0	2.5°	49.0	49.0	48.2	48.2	48.2	48.2	48.2	49.0	49.7	49.7
0.0	5°	46.8	46.8	46.0	46.0	46.0	46.8	46.8	47.5	48.2	49.0
0.0	7.5°	44.6	43.8	43.8	44.6	44.6	45.3	45.3	46.0	46.8	47.5
0.0	10°	43.1	42.4	42.4	42.4	43.1	43.1	43.8	44.6	45.3	46.0
0.0	12.5°	40.2	40.2	40.2	40.2	40.9	40.9	41.7	42.4	43.8	44.6
0.0	15°	38.7	38.0	38.0	38.0	38.0	38.7	38.7	40.2	41.7	42.4
0.0	17.5°	35.8	35.8	35.1	35.1	35.8	35.8	36.5	38.0	39.5	40.2
0.0	20°	32.9	32.2	31.4	31.4	32.2	32.2	32.9	34.3	35.8	36.5
0.0	22.5°	28.5	27.8	27.8	27.8	27.8	28.5	28.5	30.0	32.2	33.6
0.0	25°	22.7	23.4	23.4	24.1	24.1	24.8	25.6	27.0	29.2	30.7
0.0	27.5°	17.5	18.3	18.3	19.7	20.5	21.2	21.9	24.1	26.3	27.8
0.0	30°	13.2	13.9	14.6	15.3	16.8	18.3	19.7	21.9	24.1	25.6
0.0	32.5°	8.0	9.5	10.2	11.7	13.2	14.6	16.1	18.3	21.2	23.4
0.0	35°	5.8	6.6	8.0	8.8	10.2	11.7	13.2	16.1	18.3	21.2
0.0	37.5°	2.9	4.4	5.8	7.3	8.8	10.2	11.7	14.6	17.5	19.7
0.0	40°	2.2	3.7	4.4	5.8	8.0	9.5	11.0	13.9	16.8	19.7
0.0	42.5°	1.5	2.2	2.9	5.1	6.6	8.8	11.0	13.9	16.8	19.7
0.0	45°	1.5	1.5	2.2	4.4	6.6	9.5	11.7	14.6	16.8	19.7
0.0	47.5°	1.5	2.2	2.9	5.8	7.3	9.5	11.7	13.9	16.8	19.0
0.0	50°	2.2	2.9	3.7	6.6	8.0	10.2	11.7	14.6	16.8	19.7
0.0	52.5°	1.5	2.2	2.9	5.8	8.0	11.0	13.2	16.1	19.0	21.2
0.0	55°	0.7	0.7	0.7	4.4	8.8	12.4	16.8	19.0	21.9	24.1
0.0	57.5°	0.0	0.0	0.0	2.9	8.8	13.9	19.0	21.9	24.8	27.0
0.0	60°	0.0	0.0	0.0	2.9	8.8	13.9	19.0	22.7	26.3	30.0
0.0	62.5°	0.0	0.0	0.0	2.9	7.3	11.7	16.1	21.9	28.5	34.3
0.0	65°	0.0	0.0	0.0	2.2	5.8	9.5	13.2	21.9	30.7	38.7
0.0	67.5°	0.0	0.0	0.0	2.2	5.8	8.8	12.4	21.9	30.7	40.2
	70°	0.0	0.0	0.0	2.2	5.8	9.5	13.2	21.9	30.7	39.5
	72.5°	0.0	0.0	0.0	2.2	6.6	10.2	14.6	21.9	29.2	36.5
	75°	0.0	0.0	0.0	2.9	6.6	11.0	15.3	21.9	28.5	34.3
	77.5°	0.0	0.0	0.0	2.2	6.6	10.2	14.6	21.2	27.8	33.6
	80°	2.2	1.5	1.5	3.7	6.6	9.5	12.4	19.0	26.3	32.9
	82.5°	4.4	4.4	3.7	5.1	6.6	8.8	11.0	16.8	23.4	29.2
	85°	8.8	8.8	8.0	8.8	8.8	9.5	10.2	13.2	16.1	19.0
	87.5°	11.7	11.7	11.0	11.0	11.0	10.2	10.2	10.2	10.2	9.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
42.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.2											
43.8											
40.9											
40.2											
39.5											
35.1											
21.9											
9.5											
0.0											
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REPORT NUMBER: P1049291

CATALOG NUMBER: GALN-SA3C-927-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
0.0	2.5°	51.1	51.9	51.9	52.6	53.3	54.1	54.1	54.8	54.8	54.8
0.0	5°	50.4	51.9	52.6	53.3	54.1	54.8	55.5	56.3	57.0	57.0
0.0	7.5°	49.7	50.4	51.9	52.6	54.1	54.8	56.3	57.0	57.7	58.5
0.0	10°	48.2	49.7	51.1	52.6	54.1	55.5	57.0	58.5	59.9	60.6
0.0	12.5°	46.8	49.0	50.4	51.9	54.1	56.3	57.7	59.9	61.4	62.8
0.0	15°	46.0	47.5	49.7	51.1	54.1	57.0	59.2	62.1	65.0	67.2
0.0	17.5°	43.8	46.8	49.0	51.1	54.1	57.7	60.6	63.6	68.0	72.3
0.0	20°	40.9	43.1	46.0	48.2	52.6	56.3	60.6	64.3	70.9	77.5
0.0	22.5°	38.0	40.9	43.1	46.0	51.1	55.5	60.6	65.0	76.0	86.2
0.0	25°	35.1	38.7	41.7	44.6	50.4	56.3	62.1	68.0	86.2	104.5
0.0	27.5°	33.6	36.5	40.2	43.1	50.4	58.5	65.8	73.1	102.3	130.8
0.0	30°	31.4	35.1	38.0	41.7	51.1	60.6	70.1	79.6	124.2	168.8
0.0	32.5°	29.2	32.9	36.5	40.2	52.6	65.0	76.7	89.1	147.6	205.3
0.0	35°	27.0	31.4	35.1	38.7	54.8	71.6	87.7	103.8	168.8	233.1
0.0	37.5°	26.3	30.7	34.3	38.0	55.5	72.3	89.9	106.7	171.0	235.3
0.0	40°	27.0	30.7	35.1	38.7	53.3	68.0	81.8	96.5	163.7	230.2
0.0	42.5°	27.0	31.4	35.8	40.2	51.9	63.6	75.3	87.0	161.5	236.0
0.0	45°	26.3	30.7	35.1	39.5	50.4	60.6	71.6	81.8	174.6	266.7
0.0	47.5°	25.6	30.0	34.3	38.7	49.7	60.6	71.6	82.6	225.8	368.3
0.0	50°	25.6	30.0	33.6	37.3	50.4	64.3	77.5	90.6	328.8	566.3
0.0	52.5°	27.0	30.7	33.6	36.5	51.9	68.0	83.3	98.6	418.0	736.6
0.0	55°	29.2	31.4	34.3	36.5	55.5	73.8	92.8	111.1	445.0	778.9
0.0	57.5°	32.2	34.3	36.5	38.7	62.1	85.5	108.1	131.5	447.2	762.1
0.0	60°	35.8	38.7	40.9	43.1	68.0	93.5	118.4	143.2	404.8	665.7
0.0	62.5°	43.8	47.5	50.4	54.1	78.2	101.6	125.7	149.1	336.1	523.2
0.0	65°	50.4	53.3	56.3	59.2	82.6	106.7	130.1	153.4	285.0	416.5
0.0	67.5°	51.9	54.8	57.0	59.9	84.0	108.1	131.5	155.6	244.1	331.7
	70°	52.6	56.3	60.6	64.3	89.1	114.0	138.1	162.9	216.3	269.6
	72.5°	50.4	57.7	64.3	70.9	94.3	116.9	140.3	162.9	200.9	238.9
	75°	50.4	60.6	70.1	79.6	97.2	114.0	131.5	148.3	177.6	206.8
	77.5°	53.3	66.5	79.6	92.8	103.0	112.5	122.8	132.3	151.3	170.3
	80°	53.3	67.2	80.4	94.3	98.6	103.8	108.1	112.5	114.7	116.9
	82.5°	46.0	57.0	68.0	78.9	73.8	68.7	63.6	58.5	54.8	50.4
	85°	23.4	25.6	27.0	28.5	26.3	24.1	21.9	19.7	18.3	16.1
	87.5°	9.5	9.5	8.8	8.8	8.8	8.8	8.0	8.0	8.0	8.0
	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: P1049291

CATALOG NUMBER: GALN-SA3C-927-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
42.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
216.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
293.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
366.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
415.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
453.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
490.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
563.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
709.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1081.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1656.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2085.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2132.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1645.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1286.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
971.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
717.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
507.8											
377.8											
274.7											
206.8											
116.2											
52.6											
15.3											
7.3											
0.0											
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REPORT NUMBER: P1049291

CATALOG NUMBER: GALN-SA3C-927-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°	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
0.0	2.5°	54.8	54.1	54.1	53.3	52.6	51.9	51.1	50.4	49.7	49.0
0.0	5°	57.0	57.0	57.0	56.3	56.3	55.5	55.5	54.8	54.1	53.3
0.0	7.5°	59.2	59.9	59.9	60.6	60.6	60.6	60.6	59.9	59.9	59.9
0.0	10°	62.8	63.6	64.3	65.0	65.8	66.5	66.5	67.2	67.2	67.2
0.0	12.5°	67.2	69.4	70.9	73.1	74.5	76.7	78.2	80.4	81.8	83.3
0.0	15°	73.8	77.5	81.8	85.5	89.1	94.3	100.1	105.2	110.3	118.4
0.0	17.5°	83.3	95.0	106.7	117.6	129.3	154.9	180.5	205.3	230.9	268.2
0.0	20°	101.6	136.6	171.0	206.1	240.4	330.3	419.4	509.3	598.4	694.2
0.0	22.5°	142.5	228.7	314.9	401.2	487.4	675.2	862.2	1050.0	1237.1	1457.0
0.0	25°	206.8	365.4	523.9	681.7	840.3	1134.1	1428.5	1722.3	2016.0	2301.7
0.0	27.5°	301.1	543.6	786.2	1028.1	1270.7	1668.9	2067.9	2466.1	2864.4	3187.3
0.0	30°	417.2	746.1	1074.9	1403.7	1732.5	2185.5	2638.6	3090.9	3543.9	3896.9
0.0	32.5°	526.8	929.5	1332.1	1734.0	2136.6	2652.5	3169.1	3684.9	4200.8	4586.6
0.0	35°	598.4	1085.1	1572.5	2059.1	2545.8	3104.0	3662.3	4219.8	4778.1	5218.7
0.0	37.5°	670.1	1232.0	1793.2	2355.1	2916.2	3529.3	4142.4	4755.4	5368.5	5912.9
0.0	40°	750.4	1409.5	2067.9	2727.0	3385.4	4111.7	4837.3	5563.6	6289.2	7057.2
0.0	42.5°	890.0	1704.0	2518.7	3332.7	4146.8	5107.6	6068.5	7028.7	7989.5	9085.6
0.0	45°	1152.3	2299.5	3447.5	4594.7	5741.9	7014.8	8288.4	9561.3	10834.2	12292.7
0.0	47.5°	1794.6	3372.9	4950.5	6528.9	8106.4	9480.9	10854.6	12229.1	13602.8	15055.4
0.0	50°	2746.0	4583.0	6420.0	8256.2	10093.2	11336.9	12579.8	13823.5	15066.4	16448.2
0.0	52.5°	3434.3	5348.0	7262.5	9176.2	11089.9	12212.3	13335.4	14457.7	15580.1	16871.3
0.0	55°	3486.2	5389.0	7292.4	9195.2	11098.0	12225.4	13352.9	14480.4	15607.9	16976.5
0.0	57.5°	3086.5	4973.9	6860.6	8748.0	10634.7	11918.5	13201.7	14485.5	15768.6	17248.3
0.0	60°	2625.4	4513.6	6401.0	8289.1	10176.5	11655.5	13135.2	14614.1	16093.1	17479.2
0.0	62.5°	2048.2	3990.4	5933.3	7875.5	9817.8	11319.4	12821.0	14321.8	15823.4	16863.2
0.0	65°	1526.4	3412.4	5298.3	7183.6	9069.5	10272.3	11475.0	12677.0	13879.7	14523.5
0.0	67.5°	1103.4	2729.9	4355.7	5982.3	7608.1	8468.9	9329.6	10189.7	11050.5	11542.9
	70°	746.1	1872.8	2998.8	4125.6	5251.6	5958.9	6667.0	7374.3	8081.6	8746.5
	72.5°	516.6	1149.4	1782.9	2415.7	3048.5	3760.2	4471.2	5182.9	5893.9	6597.5
	75°	342.7	630.6	919.2	1207.1	1495.0	2021.9	2549.4	3076.3	3603.1	4022.5
	77.5°	243.3	329.5	416.5	502.7	588.9	687.6	787.0	885.6	984.3	1134.1
	80°	115.5	126.4	137.4	147.6	158.6	194.4	230.2	266.0	301.8	339.8
	82.5°	54.8	59.2	63.6	67.2	71.6	75.3	78.9	82.6	86.2	82.6
	85°	14.6	14.6	15.3	15.3	15.3	15.3	15.3	15.3	15.3	14.6
	87.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	5.8	5.8	5.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
42.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
304.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
790.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1677.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2587.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3510.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4250.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4973.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5659.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6458.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7825.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10181.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13751.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16508.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17829.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18162.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18345.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18728.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18864.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17903.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15168.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12036.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9410.8											
7301.2											
4442.0											
1283.8											
377.8											
78.2											
13.9											
5.1											
0.0											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
0.0	2.5°	47.5	46.8	46.0	45.3	44.6	43.1	43.1	42.4	42.4
0.0	5°	51.9	51.1	50.4	49.7	49.7	49.0	48.2	48.2	47.5
0.0	7.5°	59.2	58.5	57.7	57.0	57.0	56.3	56.3	55.5	55.5
0.0	10°	68.0	68.0	68.0	68.0	68.0	67.2	67.2	67.2	66.5
0.0	12.5°	85.5	86.2	87.7	89.1	91.3	91.3	91.3	90.6	90.6
0.0	15°	135.2	143.2	149.1	154.9	160.0	171.7	170.3	168.1	166.6
0.0	17.5°	342.0	378.5	398.2	417.2	437.0	491.0	482.3	473.5	465.5
0.0	20°	886.3	982.1	1045.6	1109.2	1173.5	1275.1	1250.2	1225.4	1200.5
0.0	22.5°	1896.2	2116.1	2211.8	2307.6	2402.6	2525.3	2445.7	2366.0	2287.1
0.0	25°	2872.4	3158.1	3319.6	3481.1	3641.8	3712.0	3608.2	3503.7	3400.0
0.0	27.5°	3833.3	4156.3	4298.7	4440.5	4583.0	4729.9	4601.3	4471.9	4343.3
0.0	30°	4603.4	4956.4	5110.6	5264.0	5418.2	5520.5	5387.5	5253.8	5120.8
0.0	32.5°	5359.0	5744.8	5913.6	6082.4	6250.5	6397.3	6233.6	6069.2	5905.6
0.0	35°	6099.2	6539.8	6772.2	7004.5	7236.9	7373.5	7179.2	6984.1	6789.7
0.0	37.5°	7002.3	7546.7	7806.9	8067.0	8327.1	8576.3	8362.2	8147.4	7933.3
0.0	40°	8593.1	9361.1	9760.0	10159.7	10558.7	10880.2	10609.8	10339.5	10069.1
0.0	42.5°	11277.7	12373.8	12947.4	13520.2	14093.8	14595.8	14311.6	14027.3	13743.1
0.0	45°	15209.6	16668.1	17367.4	18066.0	18765.2	19132.1	18722.9	18312.9	17903.7
0.0	47.5°	17960.0	19412.6	20035.2	20657.8	21280.3	21699.0	21198.5	20698.0	20198.2
0.0	50°	19211.0	20592.7	21217.5	21841.5	22466.3	22798.7	22220.7	21642.0	21064.0
0.0	52.5°	19452.8	20744.0	21489.3	22235.4	22980.7	23424.9	22742.5	22059.3	21376.8
0.0	55°	19714.4	21083.0	21947.5	22812.6	23677.0	24292.3	23520.7	22748.3	21976.7
0.0	57.5°	20206.9	21686.6	22548.8	23410.3	24272.6	24795.0	24021.2	23246.7	22472.8
0.0	60°	20250.8	21636.2	22377.1	23118.8	23859.7	24188.5	23448.3	22707.4	21967.2
0.0	62.5°	18943.5	19983.3	20497.7	21012.2	21526.6	21883.9	21111.5	20338.4	19566.1
0.0	65°	15811.7	16455.5	16865.4	17275.3	17685.3	18111.3	17403.9	16696.6	15989.3
0.0	67.5°	12528.7	13021.2	13561.2	14101.1	14641.1	15096.4	14530.1	13963.0	13396.7
	70°	10075.7	10739.9	11347.1	11954.3	12561.6	12934.2	12365.7	11796.5	11228.0
	72.5°	8004.9	8708.5	9215.7	9722.0	10229.1	10320.5	9902.5	9484.6	9067.3
	75°	4860.7	5280.1	5290.3	5299.8	5310.0	5397.0	5050.6	4704.3	4358.7
	77.5°	1433.6	1583.4	1706.9	1829.7	1953.2	2102.2	1975.1	1847.2	1720.1
	80°	415.0	453.0	485.2	516.6	548.8	529.8	499.8	469.8	439.9
	82.5°	74.5	70.1	69.4	68.7	68.7	65.0	59.2	53.3	47.5
	85°	13.2	12.4	11.7	11.0	10.2	9.5	8.0	7.3	5.8
	87.5°	4.4	3.7	2.9	2.2	2.2	0.7	0.7	0.7	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049291

CATALOG NUMBER: GALN-SA3C-927-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°	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
0.0	0.0	2.5°	41.7	40.9	40.9	40.9	40.9	40.2	40.2	40.2	40.2
0.0	0.0	5°	46.0	46.0	45.3	45.3	44.6	44.6	43.8	43.8	43.1
0.0	0.0	7.5°	54.1	53.3	52.6	51.9	51.1	49.7	49.0	48.2	48.2
0.0	0.0	10°	65.0	63.6	62.8	61.4	60.6	59.2	57.7	56.3	54.8
0.0	0.0	12.5°	85.5	82.6	80.4	77.5	74.5	72.3	69.4	67.2	64.3
0.0	0.0	15°	148.3	141.0	133.0	123.5	113.3	103.8	93.5	87.7	81.1
0.0	0.0	17.5°	379.2	341.2	302.5	271.1	239.7	209.0	177.6	154.9	132.3
0.0	0.0	20°	965.3	860.0	754.8	651.1	546.6	442.8	338.3	285.7	233.1
0.0	0.0	22.5°	1816.5	1621.4	1425.6	1236.4	1046.4	857.1	667.9	548.8	430.4
0.0	0.0	25°	2803.7	2558.2	2312.7	2001.4	1689.4	1378.1	1066.8	873.2	679.6
0.0	0.0	27.5°	3648.4	3365.6	3082.8	2704.3	2325.8	1947.3	1568.8	1280.2	992.3
0.0	0.0	30°	4379.8	4075.9	3771.9	3331.3	2890.7	2450.1	2009.4	1648.5	1287.5
0.0	0.0	32.5°	5014.1	4650.2	4286.3	3831.8	3377.3	2922.8	2468.3	2025.5	1582.7
0.0	0.0	35°	5745.5	5321.0	4895.7	4391.5	3886.6	3382.4	2878.2	2378.4	1877.9
0.0	0.0	37.5°	6675.0	6154.0	5632.3	5070.4	4508.5	3947.3	3385.4	2813.9	2242.5
0.0	0.0	40°	8454.3	7782.0	7109.8	6395.9	5681.2	4967.3	4253.4	3552.0	2850.5
0.0	0.0	42.5°	11642.3	10734.1	9825.8	8875.9	7925.2	6975.3	6024.7	5035.3	4045.2
0.0	0.0	45°	15240.3	14113.6	12986.1	11920.0	10853.2	9787.1	8721.0	7363.3	6005.7
0.0	0.0	47.5°	17263.6	16047.0	14830.4	13821.3	12812.2	11803.1	10794.0	9330.4	7866.8
0.0	0.0	50°	18008.2	16769.7	15531.1	14602.4	13673.0	12744.2	11814.8	10349.0	8882.5
0.0	0.0	52.5°	18166.8	16903.4	15640.0	14705.4	13770.9	12837.0	11902.5	10446.2	8989.9
0.0	0.0	55°	18492.7	17137.2	15781.0	14715.7	13650.3	12584.9	11519.6	10039.9	8560.2
0.0	0.0	57.5°	18918.7	17528.9	16139.1	14925.4	13711.7	12498.7	11285.0	9667.2	8049.4
0.0	0.0	60°	18806.9	17597.6	16387.5	15087.6	13786.9	12487.0	11186.4	9407.1	7627.1
0.0	0.0	62.5°	16866.1	15903.1	14939.3	13870.2	12800.5	11731.5	10662.5	8830.6	6998.7
0.0	0.0	65°	13875.4	13172.4	12469.5	11609.4	10748.7	9888.6	9028.6	7386.0	5744.1
0.0	0.0	67.5°	11245.6	10453.5	9660.7	8975.3	8289.1	7603.7	6917.6	5625.0	4332.4
		70°	8934.3	8072.8	7210.6	6541.3	5871.2	5201.9	4532.6	3673.3	2814.7
		72.5°	7095.1	6318.4	5541.7	4827.8	4113.1	3399.2	2684.6	2176.8	1668.9
		75°	3391.2	3080.7	2770.1	2396.7	2023.3	1649.9	1276.5	1055.1	834.5
		77.5°	1256.8	1089.5	921.4	769.4	617.4	466.2	314.2	287.9	261.6
		80°	325.2	283.5	241.1	211.2	180.5	150.5	120.6	108.9	97.9
		82.5°	37.3	34.3	32.2	30.7	28.5	27.0	24.8	22.7	20.5
		85°	2.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA3C-927-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049291

CATALOG NUMBER: GALN-SA3C-927-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	42.4	42.4
0.0	0.0	2.5°	39.5	38.7
0.0	0.0	5°	41.7	40.9
0.0	0.0	7.5°	46.0	44.6
0.0	0.0	10°	50.4	49.0
0.0	0.0	12.5°	57.0	54.8
0.0	0.0	15°	64.3	59.9
0.0	0.0	17.5°	76.7	67.2
0.0	0.0	20°	103.8	79.6
0.0	0.0	22.5°	146.1	99.4
0.0	0.0	25°	214.8	137.4
0.0	0.0	27.5°	298.9	182.7
0.0	0.0	30°	397.5	228.7
0.0	0.0	32.5°	484.5	272.6
0.0	0.0	35°	597.7	317.1
0.0	0.0	37.5°	737.3	374.1
0.0	0.0	40°	953.6	460.3
0.0	0.0	42.5°	1343.0	619.6
0.0	0.0	45°	2181.2	1071.2
0.0	0.0	47.5°	3356.1	1772.0
0.0	0.0	50°	4105.8	2261.5
0.0	0.0	52.5°	4167.2	2257.9
0.0	0.0	55°	3804.1	2007.2
0.0	0.0	57.5°	3245.8	1677.7
0.0	0.0	60°	2697.8	1327.0
0.0	0.0	62.5°	2125.6	916.3
0.0	0.0	65°	1553.5	648.1
0.0	0.0	67.5°	1115.8	484.5
		70°	733.6	371.2
		72.5°	477.9	302.5
		75°	321.5	250.6
		77.5°	187.8	166.6
		80°	66.5	58.5
		82.5°	12.4	8.8
		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: P1049291

CATALOG NUMBER: GALN-SA3C-927-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: SP1-2407-184-13

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-927-U-5WQ

Data in this report applies to families of products including GSS-SB1A-927-U-5WQ

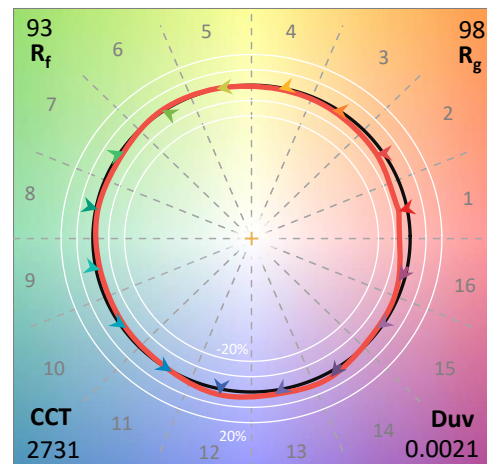
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-13
 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-927-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2731
 CIE u' : 0.2605
 CIE v' : 0.5298
 Duv: 0.0021
 CIE x: 0.4610
 CIE y: 0.4166
 CIE z: 0.1224
 Peak Wavelength (nm): 622
 Dominant Wavelength (nm): 583
 Purity: 63.43685
 R_f: 92.6
 R_g: 98

CRI (Ra): 91.8
 R1: 91.4
 R2: 95.1
 R3: 97.6
 R4: 92.3
 R5: 91.1
 R6: 94.7
 R7: 92.3
 R8: 80.0
 R9: 54.7
 R10: 87.7
 R11: 92.9
 R12: 84.0
 R13: 92.2
 R14: 97.8
 R15: 86.8



Test Conditions

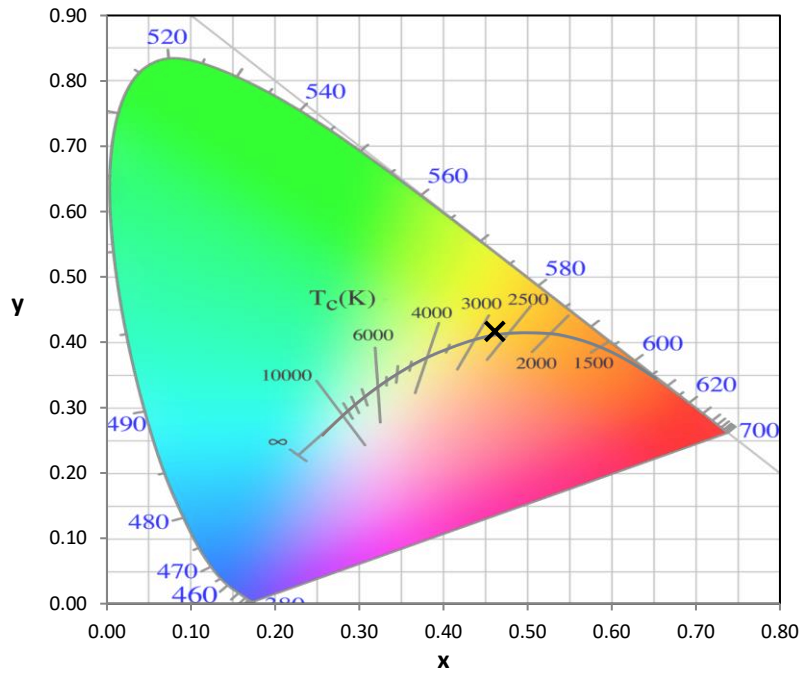
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-13

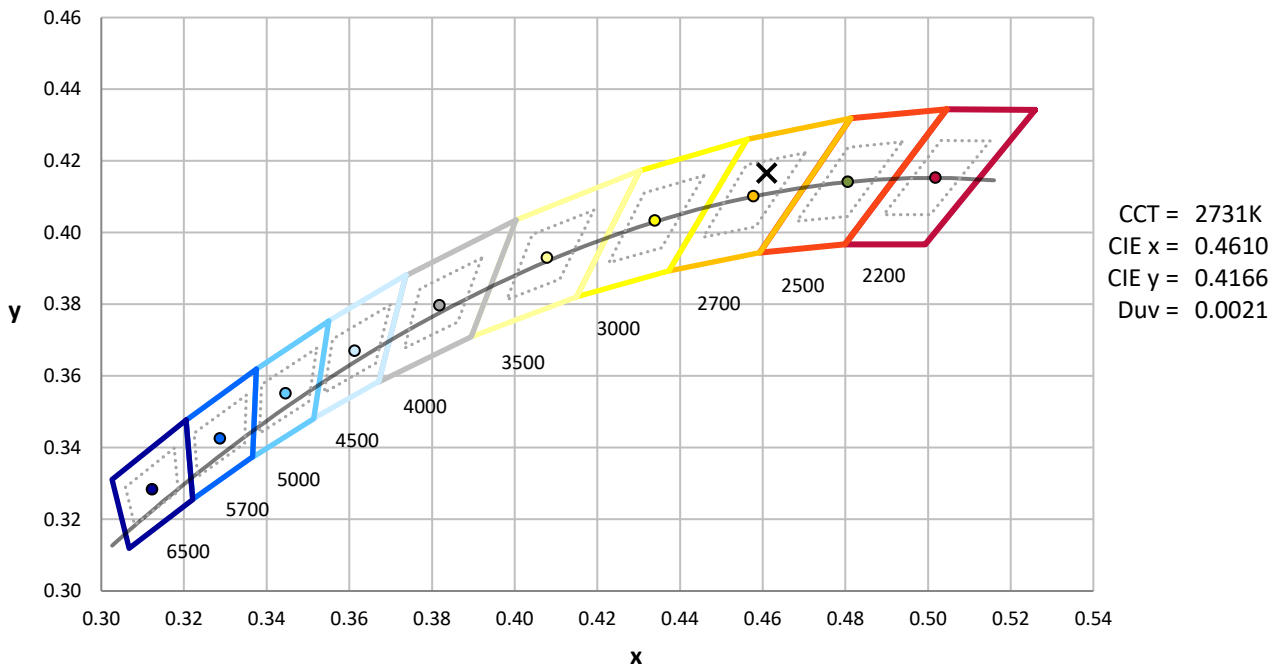
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



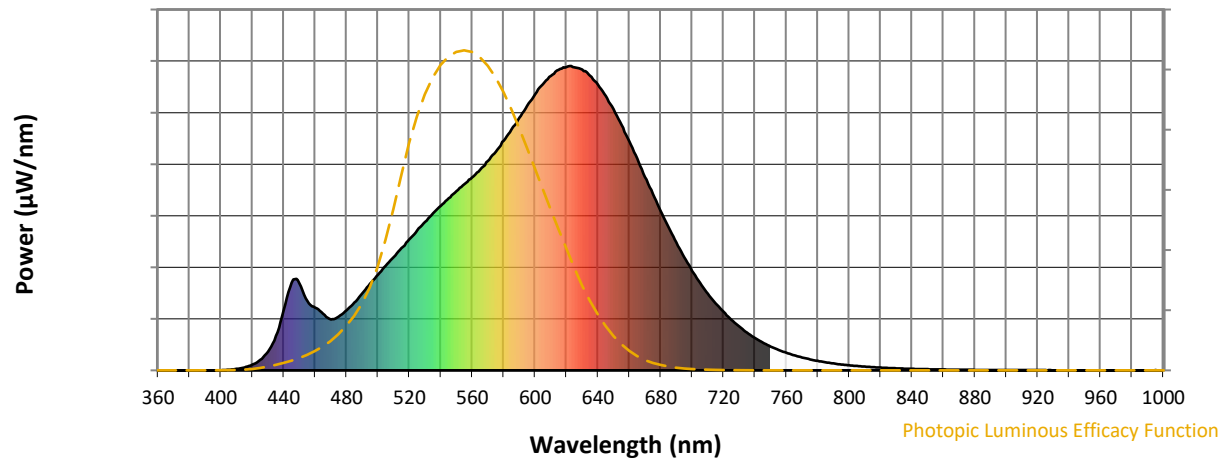
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-13

Photopic Flux vs. Wavelength

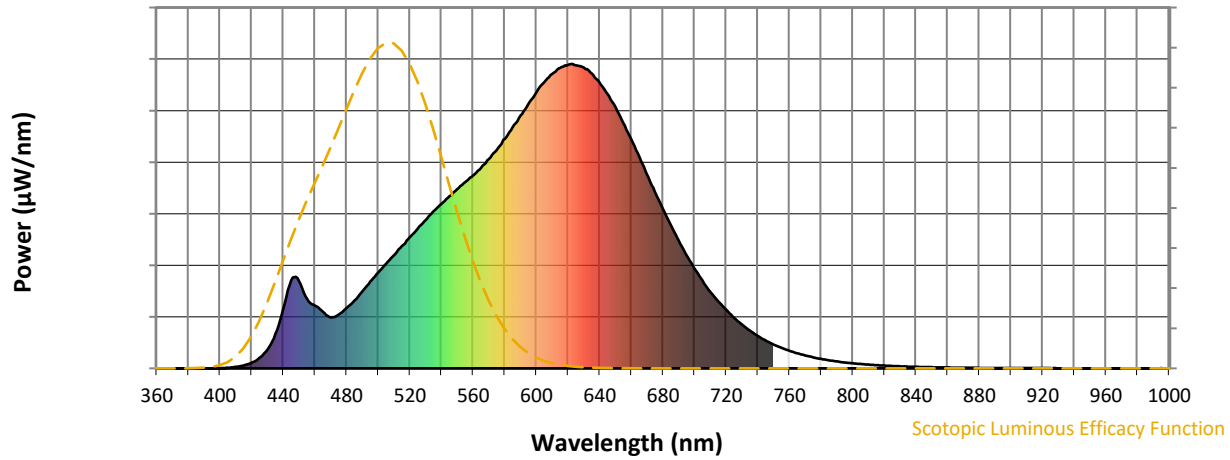


Photopic Lumens: NR

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-13

Scotopic Flux vs. Wavelength



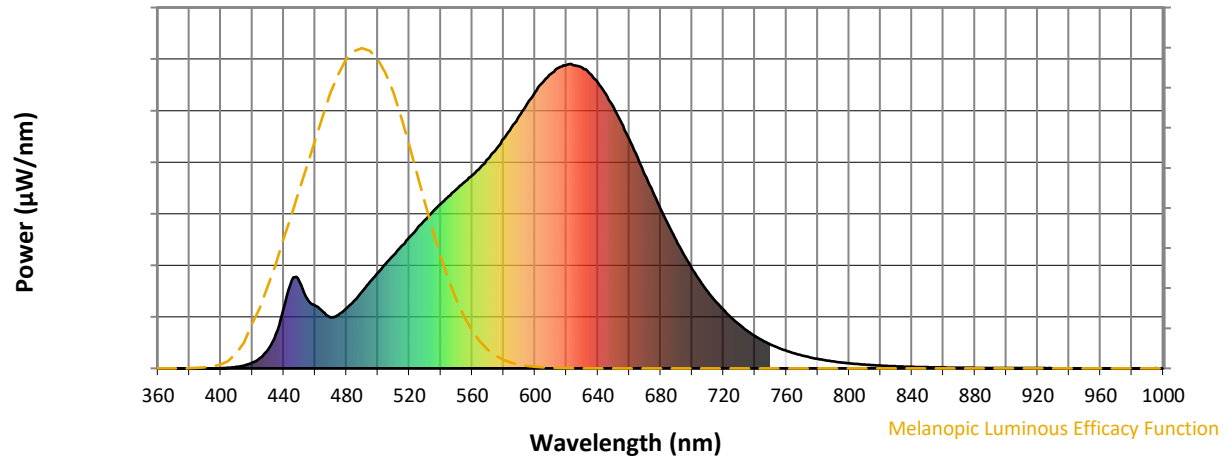
Scotopic Lumens: NR

S/P: 1.27

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.38

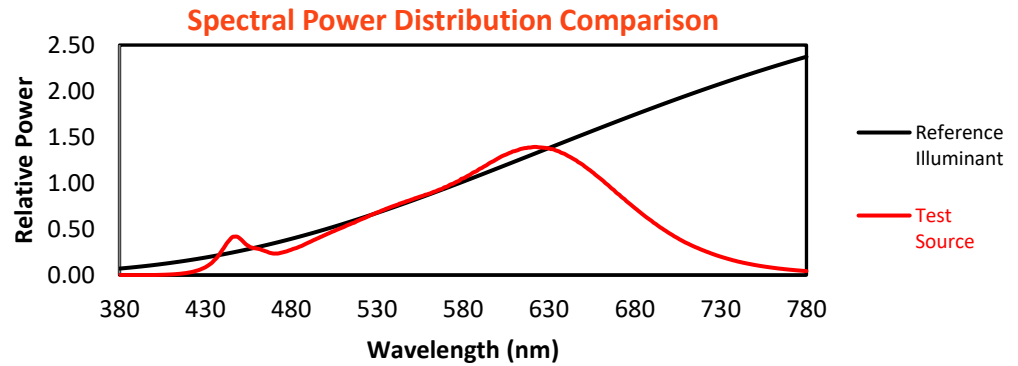
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-13

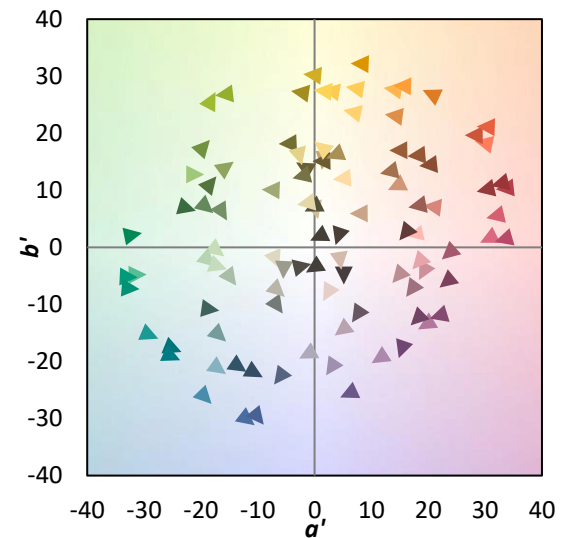
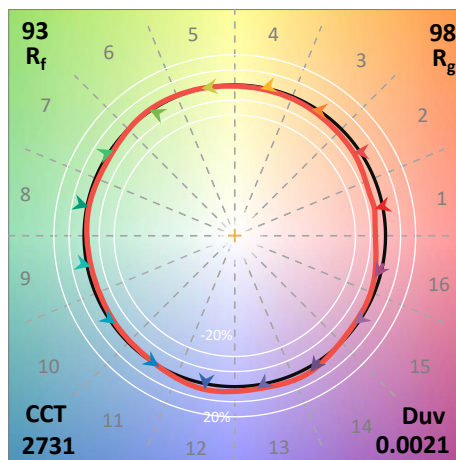
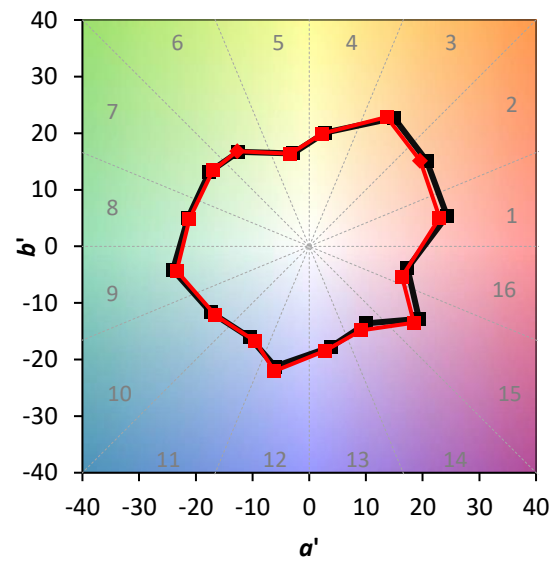
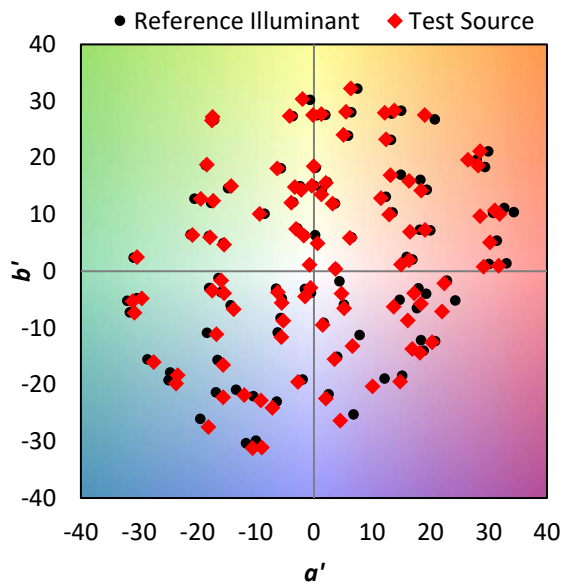
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98$
 $CIE\ R_a = 91.8$
 $R_9 = 54.7$

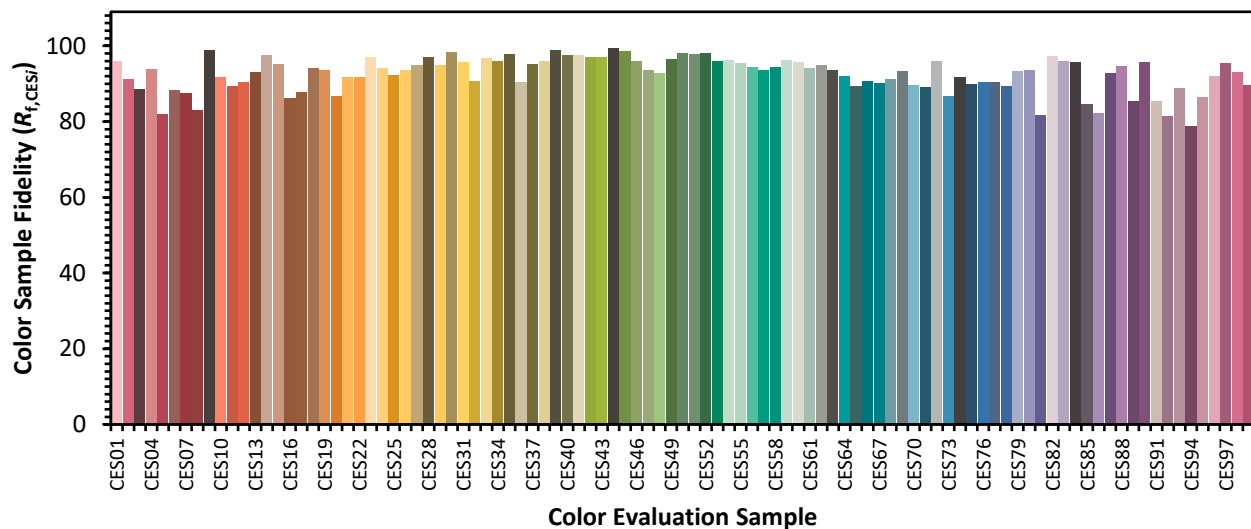


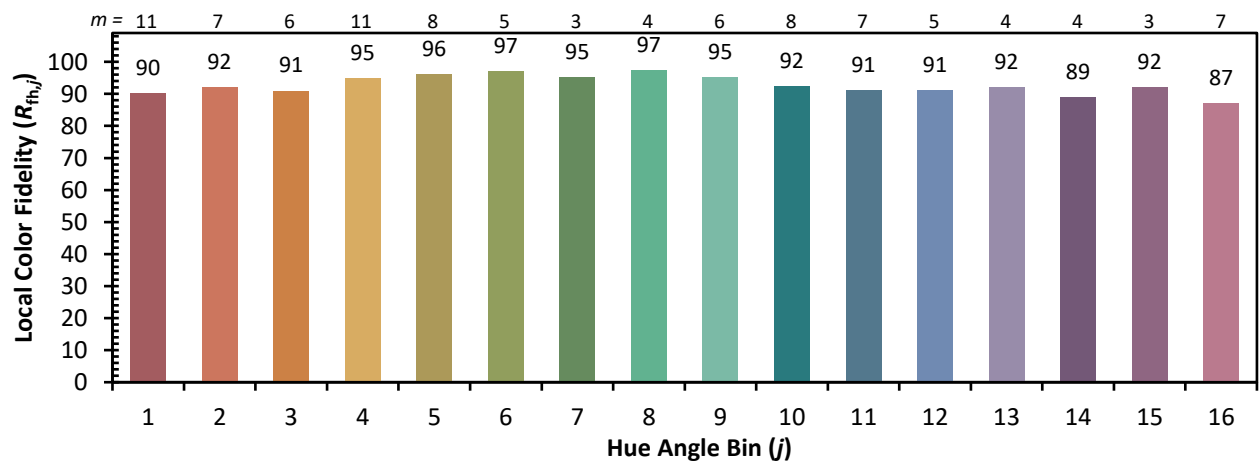
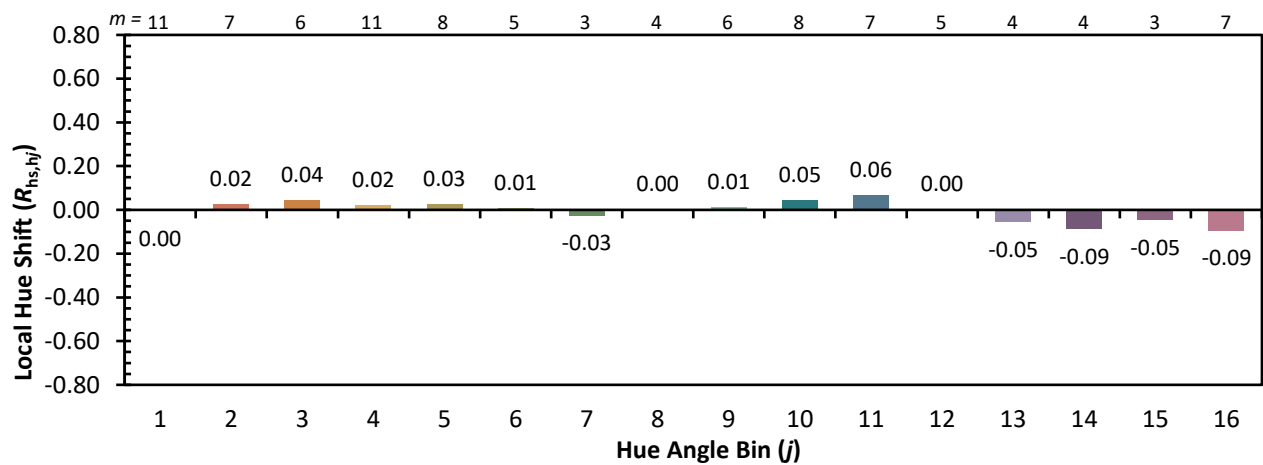
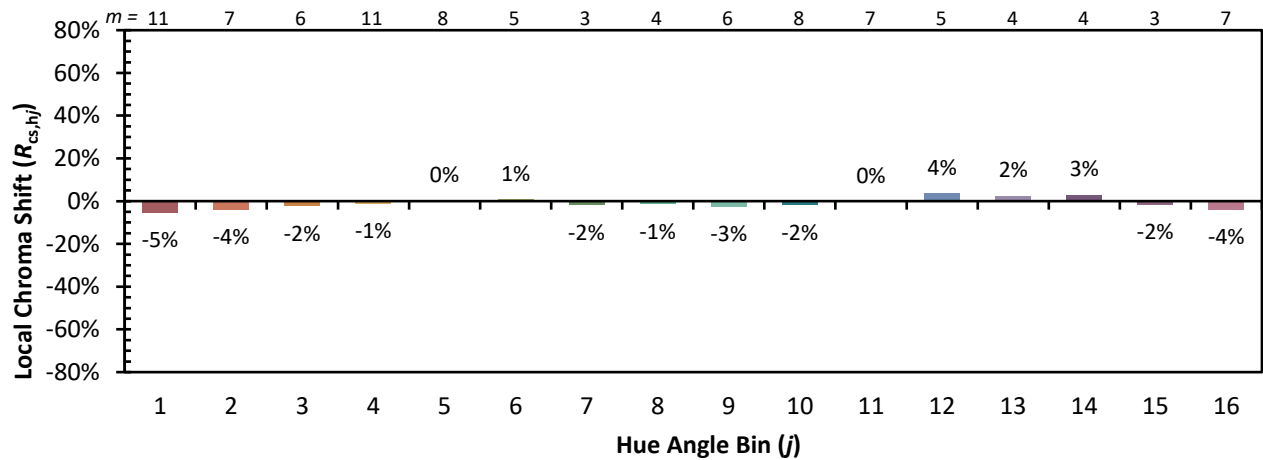
Color Vector Graphics



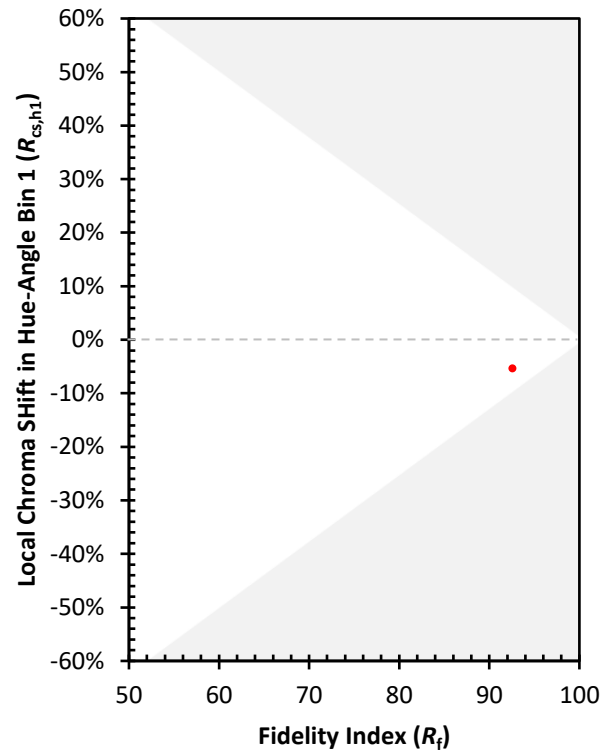
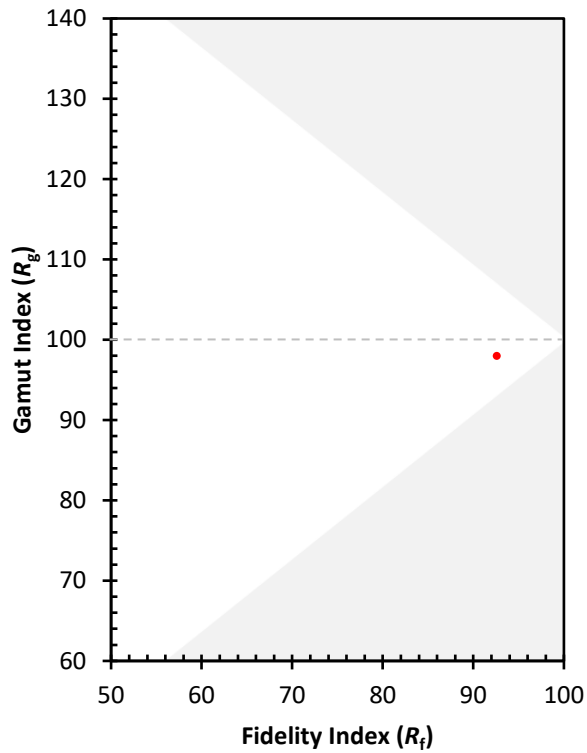
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 43	CES33 = 97	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 96	CES59 = 96	CES84 = 96
CES10 = 77	CES35 = 98	CES60 = 96	CES85 = 85
CES11 = 59	CES36 = 90	CES61 = 94	CES86 = 82
CES12 = 66	CES37 = 95	CES62 = 95	CES87 = 93
CES13 = 44	CES38 = 96	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 91	CES91 = 85
CES17 = 50	CES42 = 97	CES67 = 90	CES92 = 82
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 79
CES20 = 68	CES45 = 99	CES70 = 90	CES95 = 87
CES21 = 87	CES46 = 96	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 94	CES72 = 96	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 87	CES98 = 93
CES24 = 91	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 72	CES50 = 98	CES75 = 90	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)