

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: P1049119

Luminaire Tested: **GALN-SA5C-827-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049119
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5C-827-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21717.7 lumens
Efficiency: N/A
Efficacy: 92.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 236
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

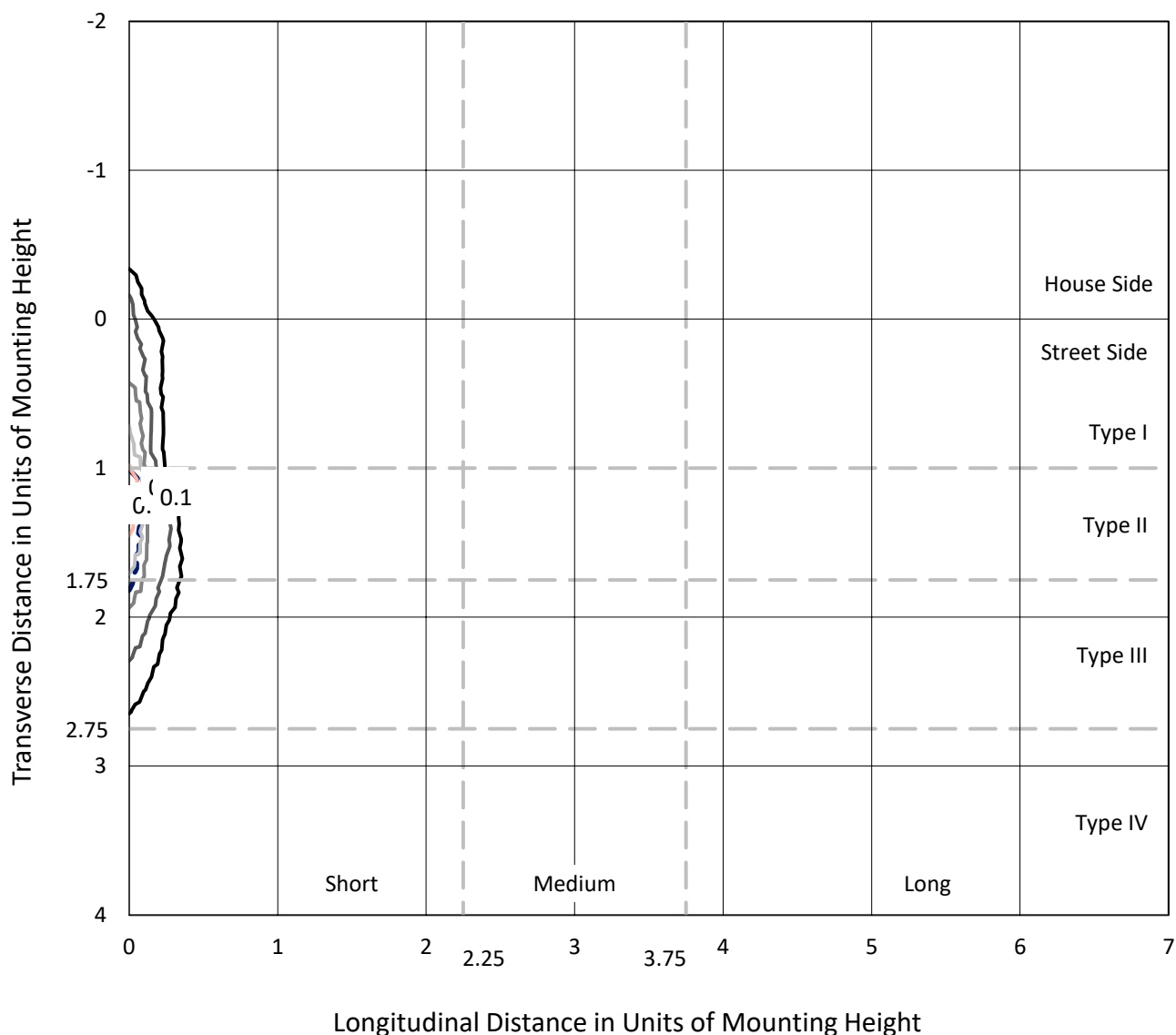
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

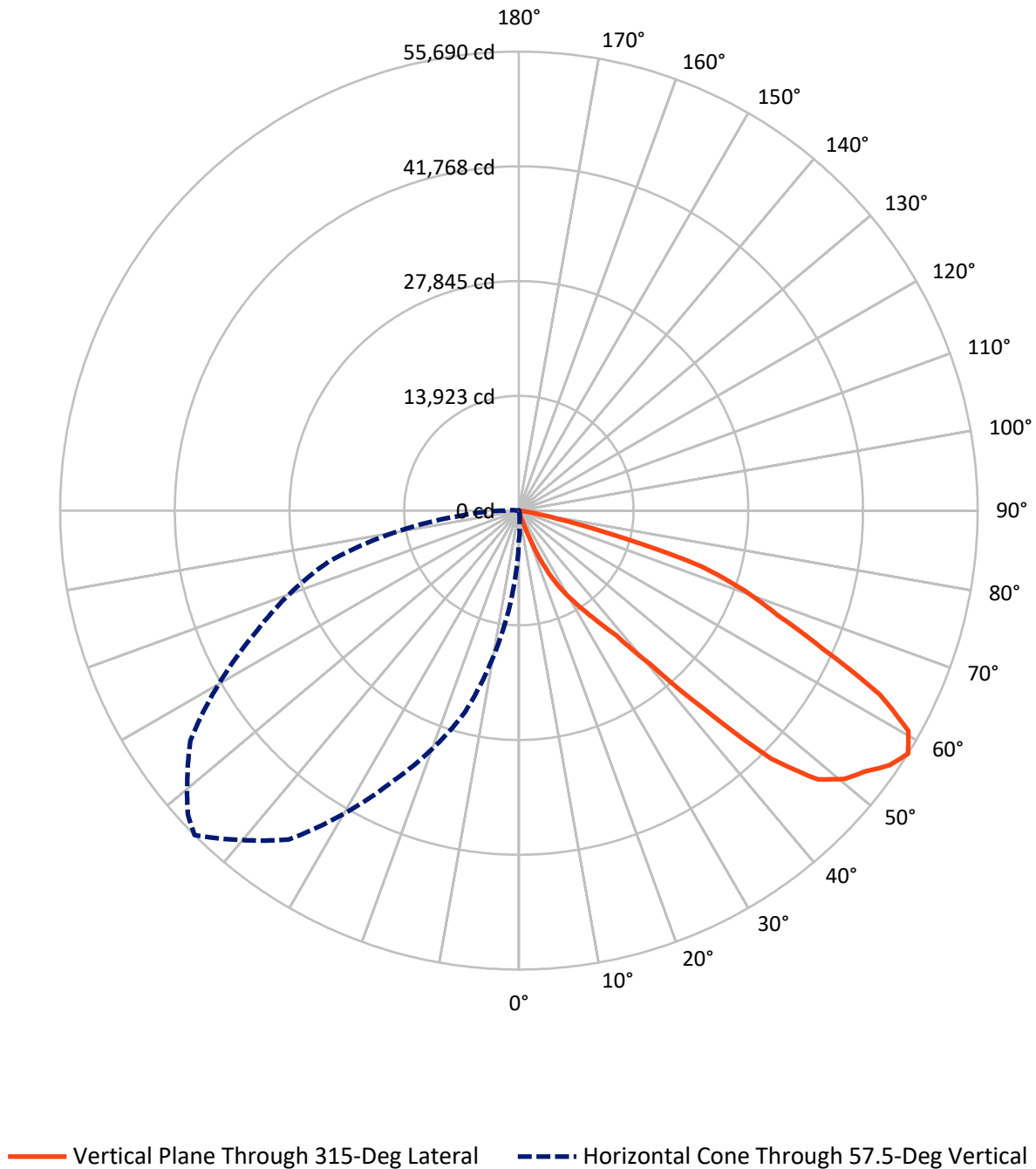


Based on 20 foot mounting height. Maximum calculated value = 3.2 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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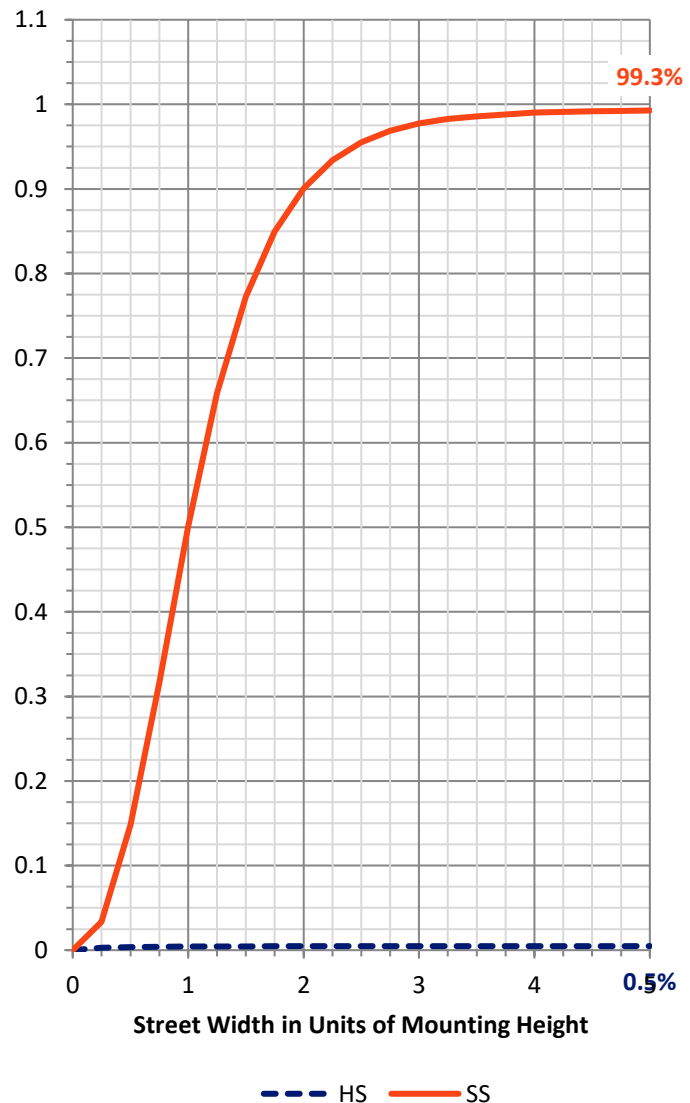
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	108.7	0.0	108.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	21608.9	0.0	21608.9
	% Fixture	99.5	0.0	99.5
Total	Lumens	21717.7	0.0	21717.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.5	0.0
10°-20°	47.7	0.2
20°-30°	514.7	2.4
30°-40°	1522.0	7.0
40°-50°	4536.0	20.9
50°-60°	7192.4	33.1
60°-70°	6003.9	27.6
70°-80°	1851.4	8.5
80°-90°	41.2	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	21717.7	100.0
0°-180°	21717.7	100.0



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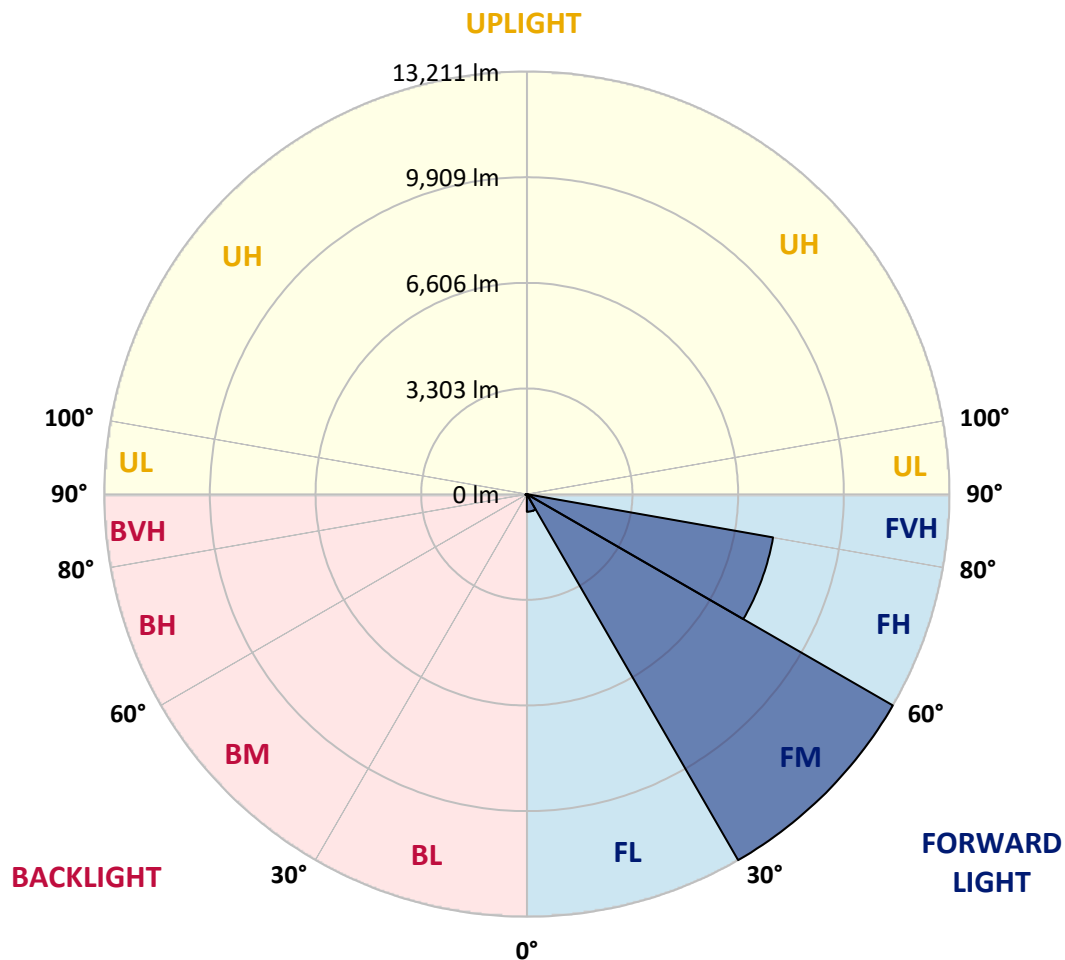
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	550.9	2.5			
FM	(30°-60°)	13211.5	60.8			
FH	(60°-80°)	7814.7	36.0			G4/12000
FVH	(80°-90°)	31.8	0.1			G1/100
BL	(0°-30°)	20.0	0.1	B0/110		
BM	(30°-60°)	38.9	0.2	B0/220		
BH	(60°-80°)	40.6	0.2	B0/110		G0/110
BVH	(80°-90°)	9.3	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-G4

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°	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
2.5°	87.0	87.0	87.0	87.0	85.3	85.3	83.7	83.7	82.1	82.1
5°	91.9	91.9	90.3	88.6	88.6	87.0	85.3	83.7	83.7	82.1
7.5°	100.1	98.5	96.8	95.2	91.9	90.3	87.0	85.3	83.7	80.4
10°	110.0	106.7	103.4	100.1	96.8	93.5	90.3	88.6	85.3	83.7
12.5°	123.1	118.2	111.6	106.7	103.4	98.5	95.2	91.9	87.0	83.7
15°	134.6	128.0	119.8	113.2	108.3	101.8	96.8	91.9	88.6	83.7
17.5°	151.0	139.5	126.4	118.2	111.6	103.4	95.2	90.3	85.3	78.8
20°	178.9	155.9	131.3	121.4	111.6	101.8	91.9	85.3	80.4	73.9
22.5°	223.2	183.8	144.4	129.7	116.5	101.8	88.6	82.1	75.5	68.9
25°	308.5	238.0	167.4	147.7	128.0	108.3	88.6	80.4	73.9	65.6
27.5°	410.3	305.3	198.6	170.7	144.4	116.5	88.6	78.8	70.6	60.7
30°	513.7	374.2	233.0	196.9	160.8	124.7	88.6	77.1	67.3	55.8
32.5°	612.2	438.2	262.6	219.9	177.2	132.9	90.3	77.1	64.0	50.9
35°	712.3	490.7	267.5	223.2	178.9	132.9	88.6	73.9	60.7	46.0
37.5°	840.3	549.8	257.7	213.4	170.7	126.4	83.7	70.6	57.4	42.7
40°	1033.9	648.3	262.6	216.6	170.7	124.7	78.8	65.6	54.2	41.0
42.5°	1391.7	838.6	283.9	231.4	178.9	124.7	72.2	60.7	50.9	39.4
45°	2406.0	1393.4	380.8	302.0	223.2	144.4	65.6	55.8	47.6	37.7
47.5°	3979.9	2332.1	684.4	528.5	374.2	218.3	64.0	55.8	47.6	37.7
50°	5079.5	2970.5	861.6	663.0	464.5	265.9	67.3	57.4	49.2	39.4
52.5°	5071.3	3016.5	960.1	736.9	515.3	292.1	70.6	60.7	52.5	42.7
55°	4508.3	2744.1	978.1	751.7	526.8	300.3	75.5	65.6	55.8	46.0
57.5°	3768.2	2330.5	892.8	690.9	490.7	288.8	87.0	75.5	65.6	54.2
60°	2980.4	1838.1	695.9	549.8	405.4	259.3	114.9	100.1	87.0	72.2
62.5°	2058.0	1332.6	607.2	487.4	369.3	249.5	131.3	116.5	103.4	88.6
65°	1455.7	1002.8	548.2	446.4	346.3	244.5	142.8	126.4	111.6	95.2
67.5°	1088.1	797.6	505.5	418.5	331.5	244.5	157.6	137.9	119.8	100.1
70°	833.7	654.8	474.3	403.7	334.8	264.2	193.7	165.8	139.5	111.6
72.5°	679.5	559.6	438.2	387.3	336.4	285.6	234.7	198.6	162.5	124.7
75°	562.9	479.2	395.5	352.9	311.8	269.2	226.5	193.7	162.5	129.7
77.5°	374.2	341.4	306.9	282.3	257.7	231.4	206.8	178.9	152.6	124.7
80°	131.3	126.4	121.4	131.3	141.1	151.0	160.8	141.1	123.1	103.4
82.5°	19.7	18.1	16.4	18.1	19.7	21.3	23.0	24.6	26.3	27.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

25°		0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
95.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.3											
88.6											
96.8											
96.8											
85.3											
29.5											
0.0											
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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°	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
0.0	2.5°	80.4	80.4	78.8	78.8	78.8	77.1	77.1	75.5	75.5	75.5
0.0	5°	78.8	78.8	77.1	75.5	73.9	73.9	72.2	70.6	70.6	68.9
0.0	7.5°	77.1	75.5	73.9	72.2	70.6	68.9	67.3	65.6	65.6	64.0
0.0	10°	78.8	75.5	73.9	70.6	68.9	67.3	64.0	62.4	60.7	60.7
0.0	12.5°	75.5	73.9	70.6	67.3	65.6	62.4	60.7	57.4	55.8	55.8
0.0	15°	75.5	72.2	67.3	64.0	60.7	59.1	55.8	52.5	50.9	49.2
0.0	17.5°	70.6	67.3	62.4	59.1	55.8	52.5	49.2	46.0	44.3	42.7
0.0	20°	64.0	60.7	55.8	50.9	47.6	44.3	41.0	37.7	36.1	34.5
0.0	22.5°	57.4	54.2	49.2	44.3	41.0	37.7	32.8	29.5	27.9	24.6
0.0	25°	54.2	49.2	44.3	39.4	34.5	31.2	26.3	21.3	18.1	14.8
0.0	27.5°	46.0	41.0	36.1	31.2	26.3	21.3	16.4	11.5	8.2	6.6
0.0	30°	39.4	34.5	29.5	24.6	18.1	13.1	8.2	1.6	1.6	1.6
0.0	32.5°	32.8	27.9	21.3	16.4	13.1	8.2	4.9	0.0	0.0	0.0
0.0	35°	26.3	21.3	14.8	9.8	8.2	4.9	3.3	0.0	0.0	0.0
0.0	37.5°	23.0	18.1	11.5	4.9	3.3	3.3	1.6	0.0	0.0	0.0
0.0	40°	21.3	14.8	8.2	1.6	1.6	1.6	0.0	0.0	0.0	0.0
0.0	42.5°	21.3	14.8	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	21.3	14.8	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	21.3	14.8	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	23.0	16.4	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	26.3	19.7	13.1	6.6	4.9	3.3	1.6	0.0	0.0	0.0
0.0	55°	32.8	29.5	24.6	21.3	16.4	11.5	4.9	0.0	0.0	0.0
0.0	57.5°	42.7	42.7	41.0	39.4	29.5	19.7	9.8	0.0	0.0	0.0
0.0	60°	57.4	57.4	57.4	57.4	42.7	29.5	14.8	0.0	0.0	0.0
0.0	62.5°	70.6	67.3	62.4	59.1	44.3	29.5	14.8	0.0	0.0	0.0
0.0	65°	70.6	64.0	55.8	47.6	36.1	24.6	11.5	0.0	0.0	0.0
0.0	67.5°	65.6	52.5	37.7	24.6	18.1	13.1	6.6	0.0	0.0	0.0
	70°	65.6	46.0	26.3	6.6	4.9	3.3	1.6	0.0	0.0	0.0
	72.5°	65.6	44.3	21.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	72.2	49.2	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	72.2	49.2	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	64.0	42.7	21.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	21.3	14.8	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
0.0	2.5°	73.9	73.9	73.9	72.2	72.2	72.2	72.2	70.6	70.6	70.6
0.0	5°	67.3	67.3	65.6	65.6	64.0	64.0	62.4	62.4	60.7	60.7
0.0	7.5°	62.4	60.7	60.7	59.1	57.4	57.4	55.8	55.8	54.2	52.5
0.0	10°	57.4	55.8	55.8	54.2	52.5	50.9	50.9	49.2	47.6	46.0
0.0	12.5°	52.5	50.9	49.2	47.6	46.0	44.3	44.3	42.7	41.0	39.4
0.0	15°	46.0	44.3	42.7	41.0	39.4	37.7	37.7	36.1	34.5	32.8
0.0	17.5°	39.4	37.7	37.7	36.1	34.5	32.8	31.2	27.9	26.3	24.6
0.0	20°	29.5	27.9	26.3	24.6	23.0	19.7	18.1	14.8	11.5	9.8
0.0	22.5°	19.7	16.4	14.8	11.5	8.2	6.6	4.9	1.6	0.0	0.0
0.0	25°	6.6	4.9	3.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049119

CATALOG NUMBER: GALN-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
0.0	2.5°	68.9	68.9	68.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3
0.0	5°	59.1	59.1	59.1	57.4	57.4	55.8	55.8	55.8	54.2	54.2
0.0	7.5°	50.9	49.2	49.2	47.6	47.6	46.0	46.0	46.0	44.3	44.3
0.0	10°	42.7	41.0	41.0	39.4	39.4	37.7	37.7	36.1	36.1	34.5
0.0	12.5°	37.7	36.1	34.5	32.8	32.8	31.2	29.5	29.5	27.9	26.3
0.0	15°	29.5	27.9	26.3	24.6	23.0	21.3	19.7	19.7	18.1	16.4
0.0	17.5°	19.7	16.4	14.8	13.1	13.1	11.5	9.8	8.2	6.6	4.9
0.0	20°	4.9	3.3	1.6	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



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049119

CATALOG NUMBER: GALN-SA5C-827-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°	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
0.0	2.5°	67.3	65.6	65.6	65.6	67.3	67.3	67.3	67.3	67.3	67.3
0.0	5°	54.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
0.0	7.5°	44.3	42.7	42.7	42.7	42.7	41.0	41.0	41.0	41.0	41.0
0.0	10°	34.5	32.8	32.8	32.8	32.8	31.2	31.2	31.2	31.2	31.2
0.0	12.5°	24.6	24.6	23.0	23.0	23.0	21.3	21.3	21.3	21.3	19.7
0.0	15°	14.8	13.1	11.5	11.5	11.5	9.8	9.8	9.8	9.8	8.2
0.0	17.5°	3.3	3.3	1.6	1.6	1.6	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049119

CATALOG NUMBER: GALN-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
0.0	2.5°	68.9	68.9	70.6	70.6	72.2	75.5	77.1	78.8	82.1	85.3
0.0	5°	54.2	55.8	55.8	57.4	59.1	60.7	62.4	64.0	67.3	70.6
0.0	7.5°	42.7	42.7	44.3	44.3	46.0	49.2	50.9	52.5	55.8	60.7
0.0	10°	32.8	32.8	34.5	34.5	36.1	39.4	41.0	42.7	46.0	50.9
0.0	12.5°	21.3	23.0	23.0	24.6	26.3	29.5	31.2	32.8	36.1	39.4
0.0	15°	9.8	11.5	11.5	13.1	14.8	18.1	19.7	21.3	24.6	29.5
0.0	17.5°	1.6	1.6	3.3	3.3	4.9	6.6	8.2	9.8	14.8	18.1
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	6.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
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: P1049119

CATALOG NUMBER: GALN-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049119

CATALOG NUMBER: GALN-SA5C-827-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°	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
0.0	2.5°	90.3	93.5	96.8	100.1	103.4	106.7	108.3	111.6	113.2	114.9
0.0	5°	77.1	80.4	85.3	88.6	91.9	95.2	98.5	100.1	101.8	103.4
0.0	7.5°	67.3	70.6	75.5	78.8	82.1	85.3	88.6	91.9	93.5	95.2
0.0	10°	57.4	62.4	65.6	70.6	73.9	77.1	80.4	83.7	87.0	88.6
0.0	12.5°	46.0	50.9	55.8	59.1	64.0	68.9	72.2	75.5	78.8	82.1
0.0	15°	36.1	41.0	46.0	49.2	54.2	59.1	64.0	67.3	70.6	73.9
0.0	17.5°	26.3	31.2	36.1	39.4	44.3	49.2	52.5	57.4	60.7	64.0
0.0	20°	13.1	18.1	23.0	27.9	32.8	37.7	41.0	46.0	49.2	52.5
0.0	22.5°	1.6	6.6	11.5	14.8	19.7	24.6	27.9	32.8	36.1	39.4
0.0	25°	0.0	1.6	4.9	6.6	8.2	11.5	14.8	18.1	21.3	24.6
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.6	3.3	6.6	9.8	13.1
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
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	1.6
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.6	3.3
	85°	0.0	0.0	0.0	0.0	0.0	3.3	4.9	8.2	9.8	11.5
	87.5°	0.0	1.6	3.3	4.9	6.6	9.8	13.1	16.4	18.1	19.7
	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: P1049119

CATALOG NUMBER: GALN-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
95.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.9	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											
1.6											
6.6											
14.8											
21.3											
0.0											
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0.0											

REPORT NUMBER: P1049119

CATALOG NUMBER: GALN-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
0.0	2.5°	116.5	116.5	116.5	116.5	114.9	114.9	114.9	113.2	113.2	111.6
0.0	5°	106.7	108.3	108.3	108.3	108.3	108.3	108.3	108.3	106.7	106.7
0.0	7.5°	98.5	100.1	101.8	101.8	103.4	103.4	103.4	101.8	101.8	100.1
0.0	10°	93.5	95.2	95.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8
0.0	12.5°	87.0	88.6	90.3	90.3	91.9	91.9	91.9	91.9	90.3	90.3
0.0	15°	78.8	82.1	83.7	85.3	85.3	87.0	87.0	87.0	87.0	87.0
0.0	17.5°	72.2	75.5	77.1	78.8	78.8	80.4	80.4	82.1	82.1	82.1
0.0	20°	59.1	62.4	64.0	67.3	68.9	70.6	72.2	73.9	73.9	75.5
0.0	22.5°	46.0	49.2	50.9	54.2	55.8	57.4	59.1	60.7	62.4	64.0
0.0	25°	32.8	36.1	37.7	41.0	42.7	44.3	46.0	47.6	47.6	49.2
0.0	27.5°	18.1	21.3	24.6	26.3	29.5	31.2	32.8	34.5	36.1	37.7
0.0	30°	8.2	9.8	11.5	14.8	16.4	18.1	19.7	23.0	24.6	26.3
0.0	32.5°	0.0	0.0	1.6	4.9	6.6	8.2	9.8	11.5	11.5	13.1
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.3	4.9	6.6
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	3.3	3.3	3.3	4.9	4.9	4.9	4.9	4.9	4.9	4.9
	82.5°	8.2	9.8	11.5	11.5	13.1	13.1	13.1	13.1	11.5	11.5
	85°	16.4	18.1	19.7	19.7	21.3	21.3	21.3	21.3	21.3	21.3
	87.5°	23.0	24.6	26.3	26.3	27.9	27.9	27.9	27.9	27.9	27.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049119

CATALOG NUMBER: GALN-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
95.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
4.9											
11.5											
21.3											
27.9											
0.0											
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REPORT NUMBER: P1049119

CATALOG NUMBER: GALN-SA5C-827-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°	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
0.0	2.5°	110.0	110.0	108.3	108.3	108.3	108.3	108.3	110.0	111.6	111.6
0.0	5°	105.0	105.0	103.4	103.4	103.4	105.0	105.0	106.7	108.3	110.0
0.0	7.5°	100.1	98.5	98.5	100.1	100.1	101.8	101.8	103.4	105.0	106.7
0.0	10°	96.8	95.2	95.2	95.2	96.8	96.8	98.5	100.1	101.8	103.4
0.0	12.5°	90.3	90.3	90.3	90.3	91.9	91.9	93.5	95.2	98.5	100.1
0.0	15°	87.0	85.3	85.3	85.3	85.3	87.0	87.0	90.3	93.5	95.2
0.0	17.5°	80.4	80.4	78.8	78.8	80.4	80.4	82.1	85.3	88.6	90.3
0.0	20°	73.9	72.2	70.6	70.6	72.2	72.2	73.9	77.1	80.4	82.1
0.0	22.5°	64.0	62.4	62.4	62.4	62.4	64.0	64.0	67.3	72.2	75.5
0.0	25°	50.9	52.5	52.5	54.2	54.2	55.8	57.4	60.7	65.6	68.9
0.0	27.5°	39.4	41.0	41.0	44.3	46.0	47.6	49.2	54.2	59.1	62.4
0.0	30°	29.5	31.2	32.8	34.5	37.7	41.0	44.3	49.2	54.2	57.4
0.0	32.5°	18.1	21.3	23.0	26.3	29.5	32.8	36.1	41.0	47.6	52.5
0.0	35°	13.1	14.8	18.1	19.7	23.0	26.3	29.5	36.1	41.0	47.6
0.0	37.5°	6.6	9.8	13.1	16.4	19.7	23.0	26.3	32.8	39.4	44.3
0.0	40°	4.9	8.2	9.8	13.1	18.1	21.3	24.6	31.2	37.7	44.3
0.0	42.5°	3.3	4.9	6.6	11.5	14.8	19.7	24.6	31.2	37.7	44.3
0.0	45°	3.3	3.3	4.9	9.8	14.8	21.3	26.3	32.8	37.7	44.3
0.0	47.5°	3.3	4.9	6.6	13.1	16.4	21.3	26.3	31.2	37.7	42.7
0.0	50°	4.9	6.6	8.2	14.8	18.1	23.0	26.3	32.8	37.7	44.3
0.0	52.5°	3.3	4.9	6.6	13.1	18.1	24.6	29.5	36.1	42.7	47.6
0.0	55°	1.6	1.6	1.6	9.8	19.7	27.9	37.7	42.7	49.2	54.2
0.0	57.5°	0.0	0.0	0.0	6.6	19.7	31.2	42.7	49.2	55.8	60.7
0.0	60°	0.0	0.0	0.0	6.6	19.7	31.2	42.7	50.9	59.1	67.3
0.0	62.5°	0.0	0.0	0.0	6.6	16.4	26.3	36.1	49.2	64.0	77.1
0.0	65°	0.0	0.0	0.0	4.9	13.1	21.3	29.5	49.2	68.9	87.0
0.0	67.5°	0.0	0.0	0.0	4.9	13.1	19.7	27.9	49.2	68.9	90.3
	70°	0.0	0.0	0.0	4.9	13.1	21.3	29.5	49.2	68.9	88.6
	72.5°	0.0	0.0	0.0	4.9	14.8	23.0	32.8	49.2	65.6	82.1
	75°	0.0	0.0	0.0	6.6	14.8	24.6	34.5	49.2	64.0	77.1
	77.5°	0.0	0.0	0.0	4.9	14.8	23.0	32.8	47.6	62.4	75.5
	80°	4.9	3.3	3.3	8.2	14.8	21.3	27.9	42.7	59.1	73.9
	82.5°	9.8	9.8	8.2	11.5	14.8	19.7	24.6	37.7	52.5	65.6
	85°	19.7	19.7	18.1	19.7	19.7	21.3	23.0	29.5	36.1	42.7
	87.5°	26.3	26.3	24.6	24.6	24.6	23.0	23.0	23.0	23.0	21.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049119

CATALOG NUMBER: GALN-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
95.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.3											
98.5											
91.9											
90.3											
88.6											
78.8											
49.2											
21.3											
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REPORT NUMBER: P1049119

CATALOG NUMBER: GALN-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
0.0	2.5°	114.9	116.5	116.5	118.2	119.8	121.4	121.4	123.1	123.1	123.1
0.0	5°	113.2	116.5	118.2	119.8	121.4	123.1	124.7	126.4	128.0	128.0
0.0	7.5°	111.6	113.2	116.5	118.2	121.4	123.1	126.4	128.0	129.7	131.3
0.0	10°	108.3	111.6	114.9	118.2	121.4	124.7	128.0	131.3	134.6	136.2
0.0	12.5°	105.0	110.0	113.2	116.5	121.4	126.4	129.7	134.6	137.9	141.1
0.0	15°	103.4	106.7	111.6	114.9	121.4	128.0	132.9	139.5	146.1	151.0
0.0	17.5°	98.5	105.0	110.0	114.9	121.4	129.7	136.2	142.8	152.6	162.5
0.0	20°	91.9	96.8	103.4	108.3	118.2	126.4	136.2	144.4	159.2	174.0
0.0	22.5°	85.3	91.9	96.8	103.4	114.9	124.7	136.2	146.1	170.7	193.7
0.0	25°	78.8	87.0	93.5	100.1	113.2	126.4	139.5	152.6	193.7	234.7
0.0	27.5°	75.5	82.1	90.3	96.8	113.2	131.3	147.7	164.1	229.8	293.8
0.0	30°	70.6	78.8	85.3	93.5	114.9	136.2	157.6	178.9	279.0	379.1
0.0	32.5°	65.6	73.9	82.1	90.3	118.2	146.1	172.3	200.2	331.5	461.2
0.0	35°	60.7	70.6	78.8	87.0	123.1	160.8	196.9	233.0	379.1	523.5
0.0	37.5°	59.1	68.9	77.1	85.3	124.7	162.5	201.9	239.6	384.0	528.5
0.0	40°	60.7	68.9	78.8	87.0	119.8	152.6	183.8	216.6	367.6	517.0
0.0	42.5°	60.7	70.6	80.4	90.3	116.5	142.8	169.0	195.3	362.7	530.1
0.0	45°	59.1	68.9	78.8	88.6	113.2	136.2	160.8	183.8	392.2	599.0
0.0	47.5°	57.4	67.3	77.1	87.0	111.6	136.2	160.8	185.5	507.1	827.2
0.0	50°	57.4	67.3	75.5	83.7	113.2	144.4	174.0	203.5	738.5	1271.9
0.0	52.5°	60.7	68.9	75.5	82.1	116.5	152.6	187.1	221.6	938.8	1654.3
0.0	55°	65.6	70.6	77.1	82.1	124.7	165.8	208.4	249.5	999.5	1749.5
0.0	57.5°	72.2	77.1	82.1	87.0	139.5	192.0	242.9	295.4	1004.4	1711.8
0.0	60°	80.4	87.0	91.9	96.8	152.6	210.1	265.9	321.7	909.2	1495.1
0.0	62.5°	98.5	106.7	113.2	121.4	175.6	228.1	282.3	334.8	754.9	1175.1
0.0	65°	113.2	119.8	126.4	132.9	185.5	239.6	292.1	344.6	640.1	935.5
0.0	67.5°	116.5	123.1	128.0	134.6	188.7	242.9	295.4	349.6	548.2	745.1
	70°	118.2	126.4	136.2	144.4	200.2	256.0	310.2	366.0	485.8	605.6
	72.5°	113.2	129.7	144.4	159.2	211.7	262.6	315.1	366.0	451.3	536.7
	75°	113.2	136.2	157.6	178.9	218.3	256.0	295.4	333.2	398.8	464.5
	77.5°	119.8	149.3	178.9	208.4	231.4	252.7	275.7	297.1	339.7	382.4
	80°	119.8	151.0	180.5	211.7	221.6	233.0	242.9	252.7	257.7	262.6
	82.5°	103.4	128.0	152.6	177.2	165.8	154.3	142.8	131.3	123.1	113.2
	85°	52.5	57.4	60.7	64.0	59.1	54.2	49.2	44.3	41.0	36.1
	87.5°	21.3	21.3	19.7	19.7	19.7	19.7	18.1	18.1	18.1	18.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049119

CATALOG NUMBER: GALN-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
95.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
201.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
257.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
349.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
485.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
658.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
822.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
933.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1017.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1101.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1265.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1593.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2429.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3720.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4683.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4790.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4322.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3696.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2888.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2182.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1611.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1140.6											
848.5											
617.1											
464.5											
260.9											
118.2											
34.5											
16.4											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA5C-827-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°	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
0.0	2.5°	123.1	121.4	121.4	119.8	118.2	116.5	114.9	113.2	111.6	110.0
0.0	5°	128.0	128.0	128.0	126.4	126.4	124.7	124.7	123.1	121.4	119.8
0.0	7.5°	132.9	134.6	134.6	136.2	136.2	136.2	136.2	134.6	134.6	134.6
0.0	10°	141.1	142.8	144.4	146.1	147.7	149.3	149.3	151.0	151.0	151.0
0.0	12.5°	151.0	155.9	159.2	164.1	167.4	172.3	175.6	180.5	183.8	187.1
0.0	15°	165.8	174.0	183.8	192.0	200.2	211.7	224.8	236.3	247.8	265.9
0.0	17.5°	187.1	213.4	239.6	264.2	290.5	347.9	405.4	461.2	518.6	602.3
0.0	20°	228.1	306.9	384.0	462.8	540.0	741.8	942.0	1143.9	1344.1	1559.1
0.0	22.5°	320.0	513.7	707.4	901.0	1094.7	1516.5	1936.6	2358.4	2778.5	3272.5
0.0	25°	464.5	820.6	1176.7	1531.2	1887.4	2547.1	3208.5	3868.3	4528.0	5169.7
0.0	27.5°	676.2	1221.0	1765.9	2309.1	2854.0	3748.5	4644.6	5539.0	6433.4	7158.9
0.0	30°	937.1	1675.7	2414.2	3152.7	3891.3	4908.8	5926.3	6942.2	7959.8	8752.4
0.0	32.5°	1183.3	2087.6	2991.9	3894.5	4798.8	5957.5	7117.8	8276.5	9435.2	10301.7
0.0	35°	1344.1	2437.2	3531.8	4624.9	5717.9	6971.8	8225.6	9477.8	10731.7	11721.3
0.0	37.5°	1505.0	2767.0	4027.5	5289.5	6550.0	7926.9	9303.9	10680.8	12057.8	13280.5
0.0	40°	1685.5	3165.8	4644.6	6124.9	7603.6	9235.0	10864.7	12496.0	14125.7	15850.6
0.0	42.5°	1999.0	3827.2	5657.2	7485.4	9313.7	11471.9	13630.0	15786.6	17944.7	20406.5
0.0	45°	2588.2	5164.8	7743.1	10319.8	12896.4	15755.4	18616.0	21474.9	24333.9	27609.7
0.0	47.5°	4030.8	7575.7	11119.0	14664.0	18207.3	21294.4	24379.8	27466.9	30552.3	33815.0
0.0	50°	6167.6	10293.5	14419.5	18543.8	22669.7	25463.0	28254.7	31048.0	33839.6	36943.1
0.0	52.5°	7713.6	12011.8	16311.7	20610.0	24908.3	27429.1	29951.6	32472.5	34993.4	37893.3
0.0	55°	7830.1	12103.7	16379.0	20652.7	24926.3	27458.7	29991.0	32523.4	35055.7	38129.7
0.0	57.5°	6932.4	11171.6	15409.1	19648.3	23885.8	26769.4	29651.3	32534.9	35416.8	38740.2
0.0	60°	5896.8	10137.6	14376.8	18617.6	22856.8	26178.6	29502.0	32823.7	36145.5	39258.8
0.0	62.5°	4600.2	8962.5	13326.4	17688.7	22051.0	25423.6	28796.2	32167.2	35539.9	37875.3
0.0	65°	3428.4	7664.3	11900.2	16134.5	20370.4	23071.8	25773.2	28472.9	31174.3	32620.2
0.0	67.5°	2478.2	6131.5	9783.1	13436.4	17088.0	19021.3	20954.7	22886.3	24819.7	25925.8
	70°	1675.7	4206.4	6735.4	9266.1	11795.2	13383.9	14974.2	16562.8	18151.5	19645.0
	72.5°	1160.3	2581.6	4004.5	5425.8	6847.0	8445.5	10042.4	11640.9	13237.8	14818.3
	75°	769.7	1416.3	2064.6	2711.2	3357.9	4541.2	5726.1	6909.4	8092.7	9034.7
	77.5°	546.5	740.2	935.5	1129.1	1322.8	1544.4	1767.6	1989.1	2210.7	2547.1
	80°	259.3	283.9	308.5	331.5	356.1	436.6	517.0	597.4	677.8	763.2
	82.5°	123.1	132.9	142.8	151.0	160.8	169.0	177.2	185.5	193.7	185.5
	85°	32.8	32.8	34.5	34.5	34.5	34.5	34.5	34.5	34.5	32.8
	87.5°	14.8	14.8	14.8	14.8	14.8	14.8	14.8	13.1	13.1	11.5
	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):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
95.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
188.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
285.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
684.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1775.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3766.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5811.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7884.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9546.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11169.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12711.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14504.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17575.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22868.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30885.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37077.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40046.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40793.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41205.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42063.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42370.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40212.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34067.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27033.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21136.8											
16398.7											
9976.8											
2883.6											
848.5											
175.6											
31.2											
11.5											
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°	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
0.0	2.5°	106.7	105.0	103.4	101.8	100.1	96.8	96.8	95.2	95.2
0.0	5°	116.5	114.9	113.2	111.6	111.6	110.0	108.3	108.3	106.7
0.0	7.5°	132.9	131.3	129.7	128.0	128.0	126.4	126.4	124.7	124.7
0.0	10°	152.6	152.6	152.6	152.6	152.6	151.0	151.0	151.0	149.3
0.0	12.5°	192.0	193.7	196.9	200.2	205.1	205.1	205.1	203.5	203.5
0.0	15°	303.6	321.7	334.8	347.9	359.4	385.7	382.4	377.5	374.2
0.0	17.5°	768.1	850.1	894.4	937.1	981.4	1102.9	1083.2	1063.5	1045.4
0.0	20°	1990.8	2205.8	2348.5	2491.3	2635.7	2863.9	2808.1	2752.3	2696.5
0.0	22.5°	4258.9	4752.9	4967.9	5182.9	5396.2	5671.9	5493.0	5314.2	5136.9
0.0	25°	6451.5	7093.2	7455.9	7818.6	8179.7	8337.2	8104.2	7869.5	7636.4
0.0	27.5°	8609.7	9335.1	9655.1	9973.5	10293.5	10623.4	10334.5	10044.1	9755.2
0.0	30°	10339.5	11132.2	11478.5	11823.1	12169.4	12399.2	12100.5	11800.1	11501.4
0.0	32.5°	12036.5	12903.0	13282.1	13661.2	14038.7	14368.6	14001.0	13631.7	13264.1
0.0	35°	13699.0	14688.6	15210.5	15732.4	16254.3	16561.2	16124.7	15686.5	15249.9
0.0	37.5°	15727.5	16950.2	17534.4	18118.7	18703.0	19262.6	18781.7	18299.2	17818.4
0.0	40°	19300.3	21025.2	21921.3	22819.0	23715.1	24437.3	23830.0	23222.8	22615.5
0.0	42.5°	25330.1	27791.8	29080.2	30366.9	31655.2	32782.7	32144.3	31505.8	30867.4
0.0	45°	34161.3	37437.1	39007.7	40576.7	42147.3	42971.2	42052.1	41131.4	40212.3
0.0	47.5°	40338.7	43601.4	44999.7	46398.0	47796.3	48736.7	47612.4	46488.2	45365.7
0.0	50°	43148.4	46251.9	47655.1	49056.7	50459.9	51206.6	49908.5	48608.6	47310.5
0.0	52.5°	43691.7	46591.6	48265.6	49941.3	51615.3	52613.1	51080.3	49545.8	48012.9
0.0	55°	44279.2	47353.1	49294.7	51237.8	53179.3	54561.2	52828.1	51093.4	49360.3
0.0	57.5°	45385.4	48708.8	50645.4	52580.3	54516.9	55690.4	53952.3	52212.7	50474.7
0.0	60°	45483.8	48595.5	50259.7	51925.5	53589.6	54328.2	52665.7	51001.5	49339.0
0.0	62.5°	42547.7	44883.2	46038.5	47193.9	48349.3	49151.9	47417.1	45680.8	43946.0
0.0	65°	35513.6	36959.5	37880.2	38800.9	39721.6	40678.4	39089.8	37501.1	35912.4
0.0	67.5°	28139.8	29245.9	30458.8	31671.6	32884.4	33906.9	32635.0	31361.4	30089.5
	70°	22630.3	24122.2	25486.0	26849.8	28213.6	29050.6	27773.8	26495.3	25218.5
	72.5°	17979.2	19559.7	20698.6	21836.0	22975.0	23180.1	22241.4	21302.6	20365.5
	75°	10917.2	11859.2	11882.2	11903.5	11926.5	12121.8	11343.9	10566.0	9789.7
	77.5°	3220.0	3556.4	3833.8	4109.5	4386.9	4721.7	4436.1	4148.9	3863.4
	80°	932.2	1017.5	1089.7	1160.3	1232.5	1189.9	1122.6	1055.3	988.0
	82.5°	167.4	157.6	155.9	154.3	154.3	146.1	132.9	119.8	106.7
	85°	29.5	27.9	26.3	24.6	23.0	21.3	18.1	16.4	13.1
	87.5°	9.8	8.2	6.6	4.9	4.9	1.6	1.6	1.6	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
0.0	0.0	2.5°	93.5	91.9	91.9	91.9	91.9	90.3	90.3	90.3	90.3
0.0	0.0	5°	103.4	103.4	101.8	101.8	100.1	100.1	98.5	98.5	96.8
0.0	0.0	7.5°	121.4	119.8	118.2	116.5	114.9	111.6	110.0	108.3	108.3
0.0	0.0	10°	146.1	142.8	141.1	137.9	136.2	132.9	129.7	126.4	123.1
0.0	0.0	12.5°	192.0	185.5	180.5	174.0	167.4	162.5	155.9	151.0	144.4
0.0	0.0	15°	333.2	316.7	298.7	277.4	254.4	233.0	210.1	196.9	182.2
0.0	0.0	17.5°	851.8	766.4	679.5	608.9	538.3	469.4	398.8	347.9	297.1
0.0	0.0	20°	2168.0	1931.7	1695.3	1462.3	1227.6	994.6	759.9	641.7	523.5
0.0	0.0	22.5°	4080.0	3641.8	3202.0	2776.9	2350.2	1925.1	1500.0	1232.5	966.7
0.0	0.0	25°	6297.2	5745.8	5194.4	4495.2	3794.4	3095.3	2396.1	1961.2	1526.3
0.0	0.0	27.5°	8194.4	7559.3	6924.2	6074.0	5223.9	4373.8	3523.6	2875.4	2228.7
0.0	0.0	30°	9837.3	9154.5	8471.8	7482.2	6492.5	5502.9	4513.3	3702.5	2891.8
0.0	0.0	32.5°	11261.8	10444.5	9627.2	8606.4	7585.6	6564.7	5543.9	4549.4	3554.8
0.0	0.0	35°	12904.6	11951.1	10995.9	9863.5	8729.5	7597.0	6464.6	5342.1	4217.8
0.0	0.0	37.5°	14992.2	13822.1	12650.3	11388.2	10126.1	8865.7	7603.6	6320.2	5036.8
0.0	0.0	40°	18988.5	17478.6	15968.7	14365.3	12760.2	11156.8	9553.3	7977.8	6402.3
0.0	0.0	42.5°	26149.0	24109.0	22069.0	19935.5	17800.3	15666.8	13531.6	11309.4	9085.6
0.0	0.0	45°	34230.2	31699.5	29167.2	26772.7	24376.5	21982.0	19587.6	16538.2	13488.9
0.0	0.0	47.5°	38774.7	36042.1	33309.5	31043.0	28776.6	26510.1	24243.6	20956.3	17669.0
0.0	0.0	50°	40447.0	37665.2	34883.4	32797.5	30709.9	28623.9	26536.3	23244.1	19950.3
0.0	0.0	52.5°	40803.2	37965.6	35127.9	33028.9	30929.8	28832.4	26733.3	23462.4	20191.5
0.0	0.0	55°	41535.1	38490.7	35444.7	33051.8	30659.0	28266.1	25873.3	22549.9	19226.5
0.0	0.0	57.5°	42491.9	39370.4	36248.9	33522.9	30796.9	28072.5	25346.5	21712.9	18079.3
0.0	0.0	60°	42240.8	39524.7	36806.9	33887.2	30965.9	28046.2	25124.9	21128.6	17130.7
0.0	0.0	62.5°	37881.9	35718.8	33554.0	31153.0	28750.3	26349.2	23948.2	19833.7	15719.3
0.0	0.0	65°	31164.5	29585.7	28006.8	26075.2	24141.8	22210.2	20278.5	16589.1	12901.4
0.0	0.0	67.5°	25257.9	23478.8	21698.1	20158.7	18617.6	17078.2	15537.1	12633.8	9730.6
		70°	20066.8	18131.8	16195.2	14691.9	13186.9	11683.6	10180.3	8250.2	6321.8
		72.5°	15935.9	14191.3	12446.8	10843.3	9238.2	7634.8	6029.7	4889.1	3748.5
		75°	7616.7	6919.2	6221.7	5383.1	4544.4	3705.8	2867.2	2369.9	1874.2
		77.5°	2822.8	2447.0	2069.5	1728.2	1386.8	1047.1	705.7	646.6	587.5
		80°	730.3	636.8	541.6	474.3	405.4	338.1	270.8	244.5	219.9
		82.5°	83.7	77.1	72.2	68.9	64.0	60.7	55.8	50.9	46.0
		85°	4.9	3.3	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: P1049119

CATALOG NUMBER: GALN-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049119

CATALOG NUMBER: GALN-SA5C-827-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	95.2	95.2
0.0	0.0	2.5°	88.6	87.0
0.0	0.0	5°	93.5	91.9
0.0	0.0	7.5°	103.4	100.1
0.0	0.0	10°	113.2	110.0
0.0	0.0	12.5°	128.0	123.1
0.0	0.0	15°	144.4	134.6
0.0	0.0	17.5°	172.3	151.0
0.0	0.0	20°	233.0	178.9
0.0	0.0	22.5°	328.2	223.2
0.0	0.0	25°	482.5	308.5
0.0	0.0	27.5°	671.2	410.3
0.0	0.0	30°	892.8	513.7
0.0	0.0	32.5°	1088.1	612.2
0.0	0.0	35°	1342.5	712.3
0.0	0.0	37.5°	1656.0	840.3
0.0	0.0	40°	2141.7	1033.9
0.0	0.0	42.5°	3016.5	1391.7
0.0	0.0	45°	4898.9	2406.0
0.0	0.0	47.5°	7538.0	3979.9
0.0	0.0	50°	9221.8	5079.5
0.0	0.0	52.5°	9359.7	5071.3
0.0	0.0	55°	8544.0	4508.3
0.0	0.0	57.5°	7290.1	3768.2
0.0	0.0	60°	6059.3	2980.4
0.0	0.0	62.5°	4774.2	2058.0
0.0	0.0	65°	3489.2	1455.7
0.0	0.0	67.5°	2506.1	1088.1
		70°	1647.8	833.7
		72.5°	1073.3	679.5
		75°	722.1	562.9
		77.5°	421.8	374.2
		80°	149.3	131.3
		82.5°	27.9	19.7
		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: P1049119

CATALOG NUMBER: GALN-SA5C-827-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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

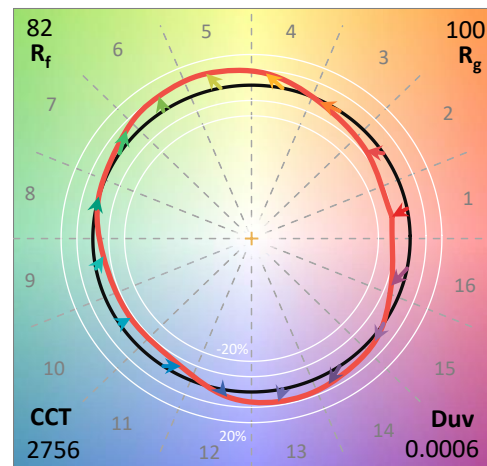
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

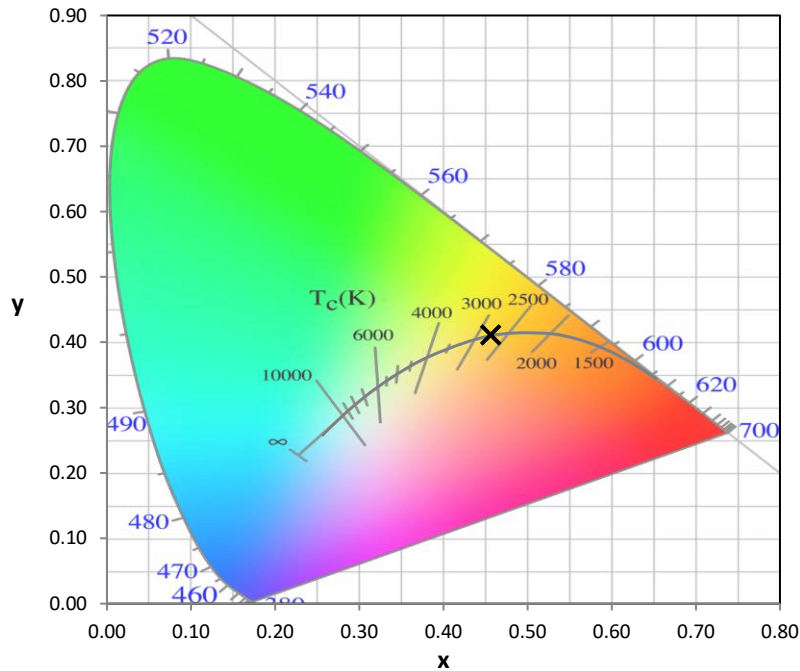
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

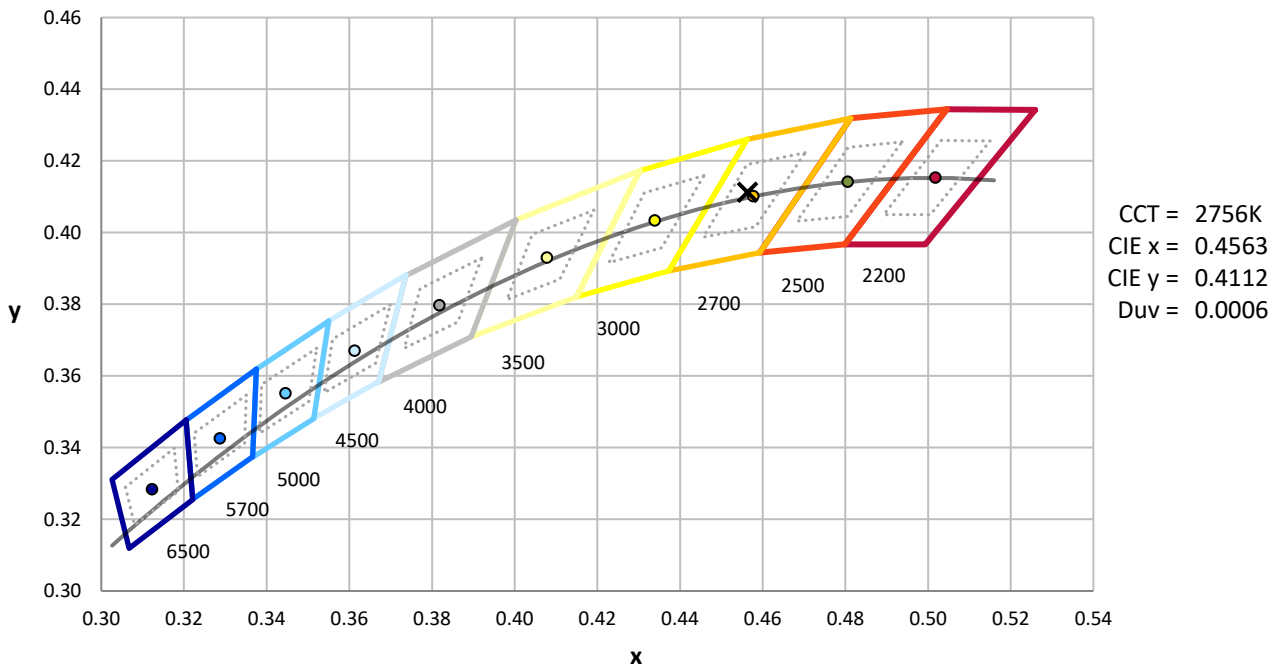
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram

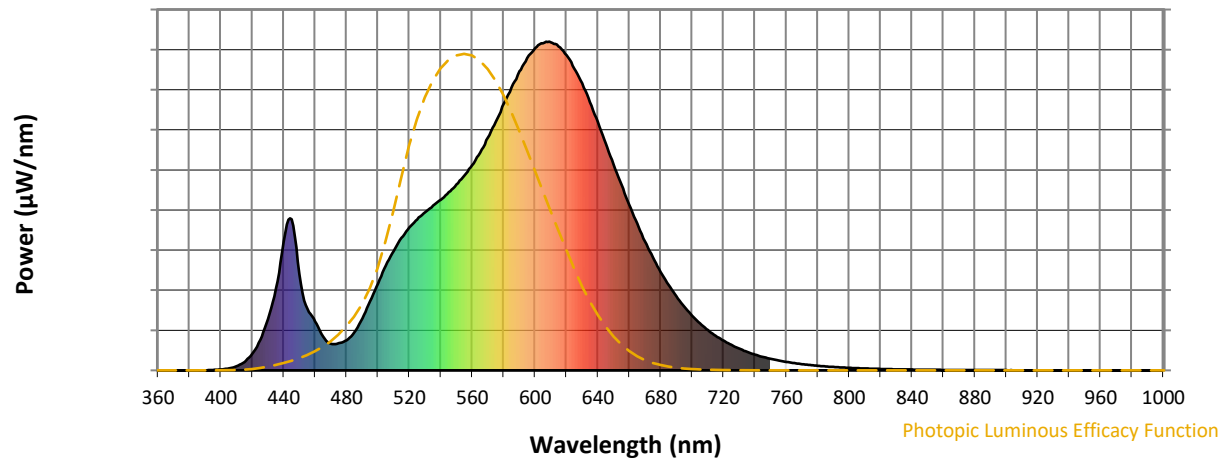


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

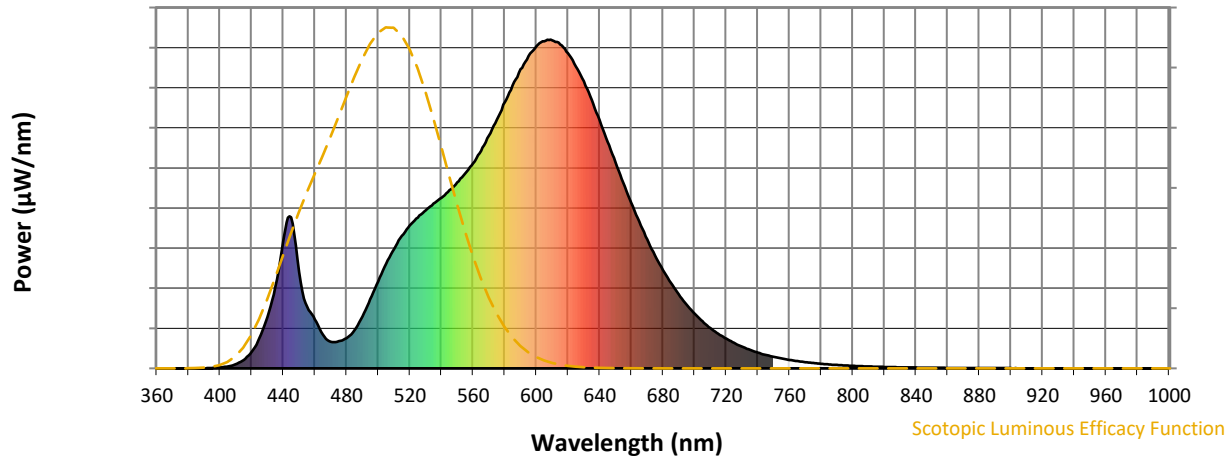


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength



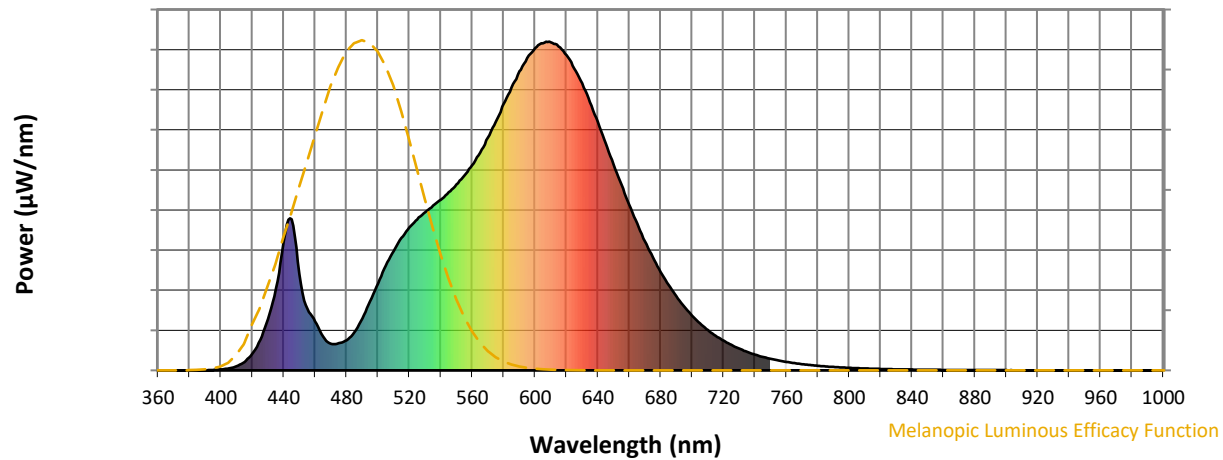
Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

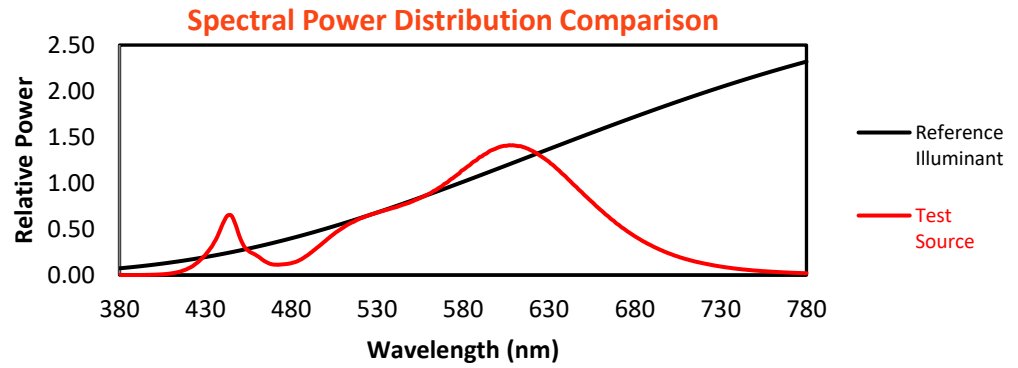
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

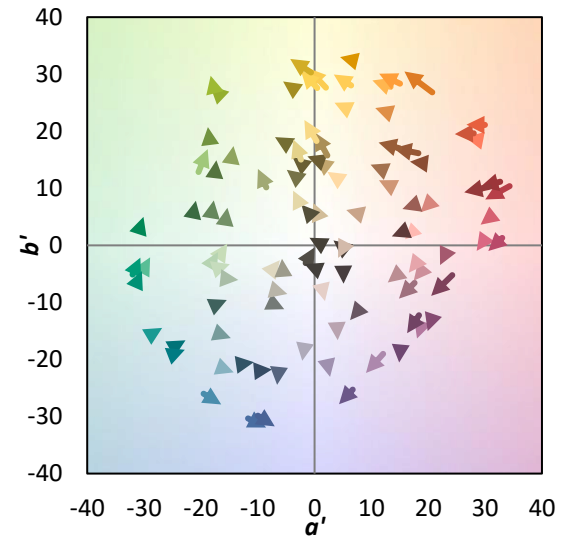
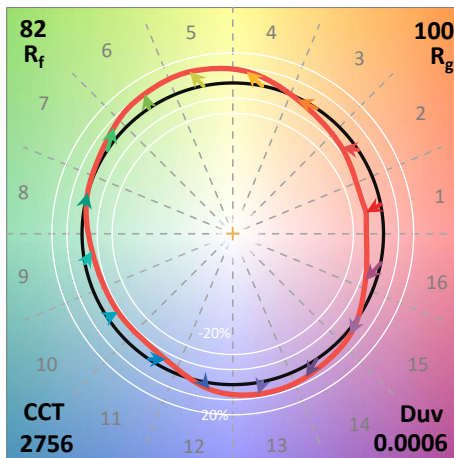
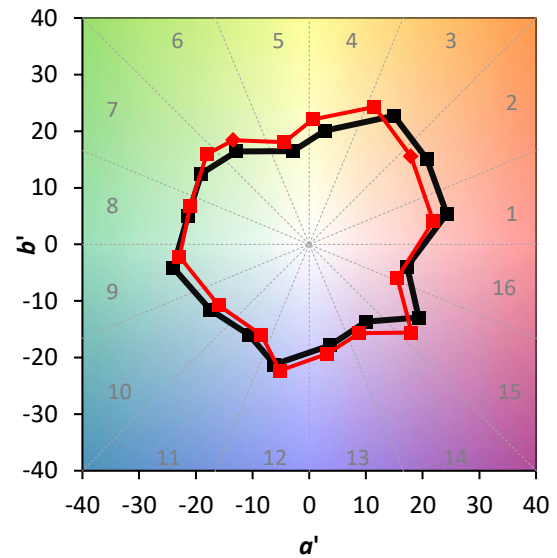
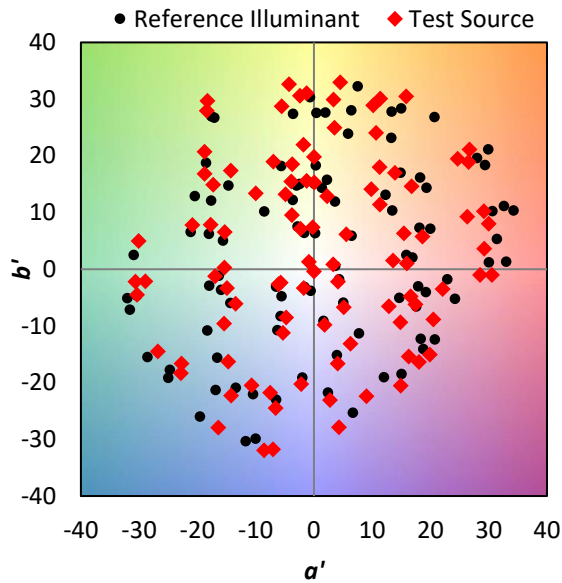
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$

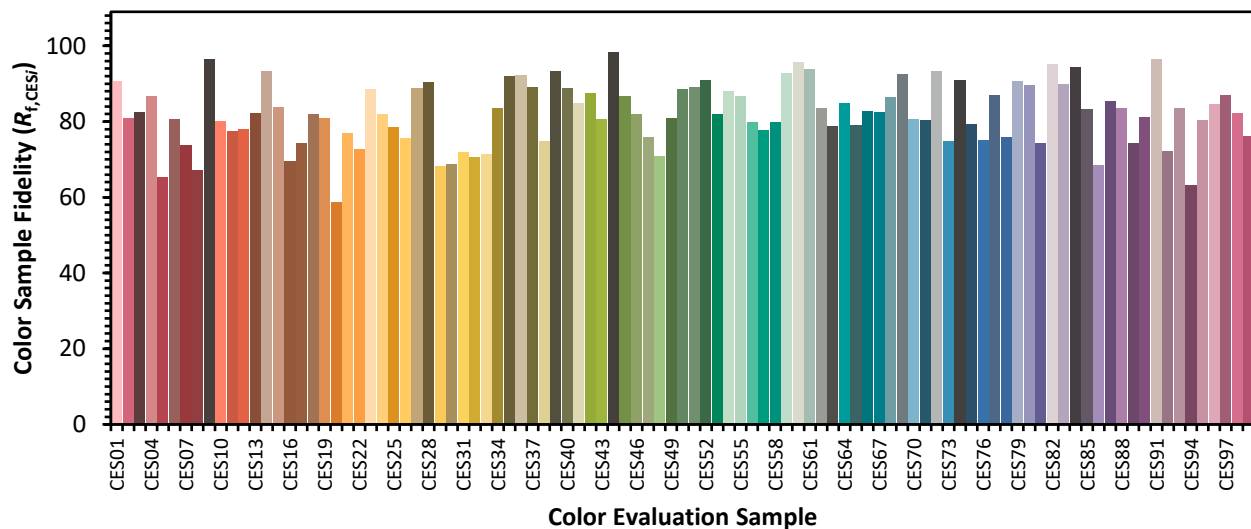


Color Vector Graphics

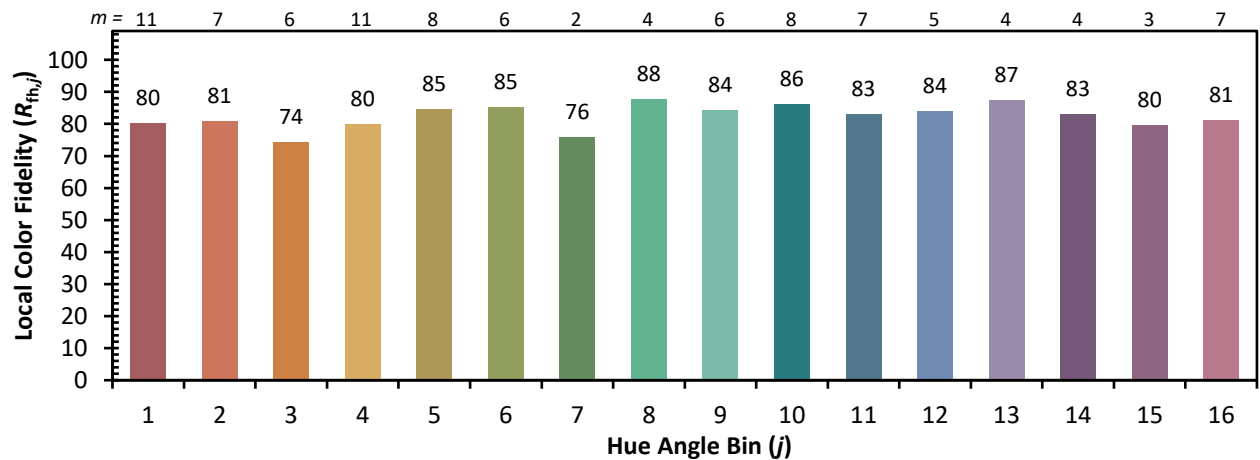
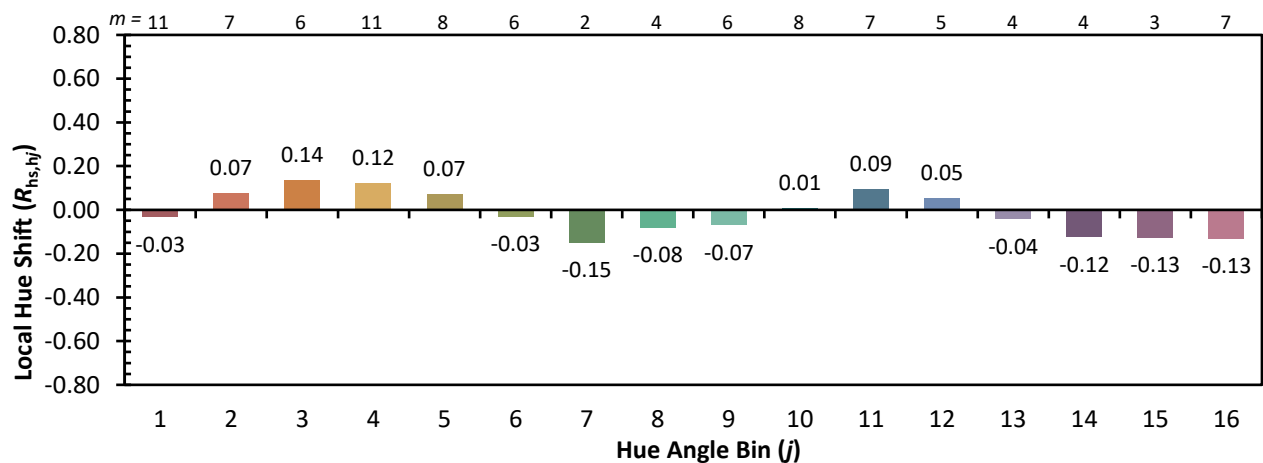
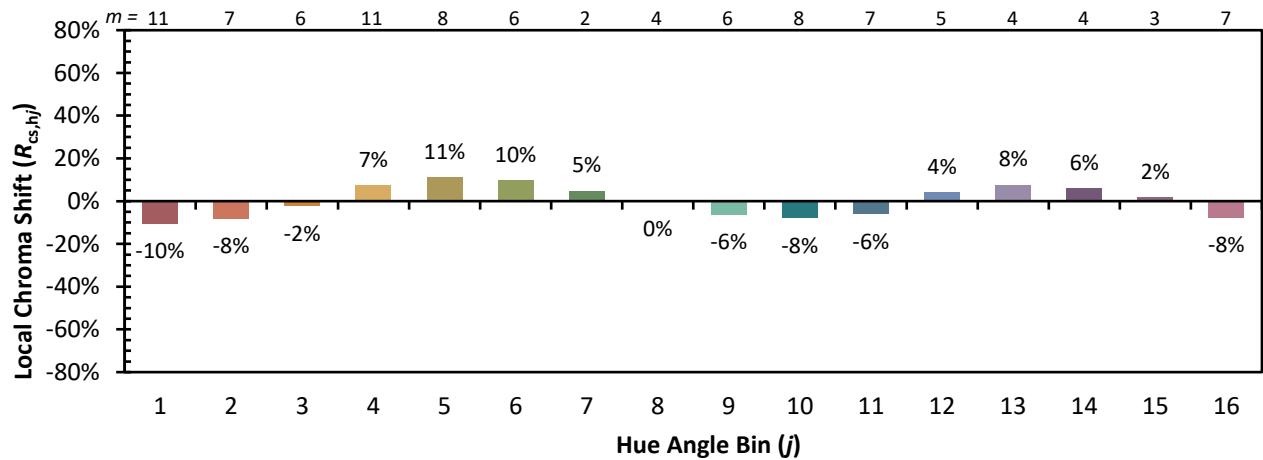


Individual Sample Fidelity Index ($R_{f,i}$)

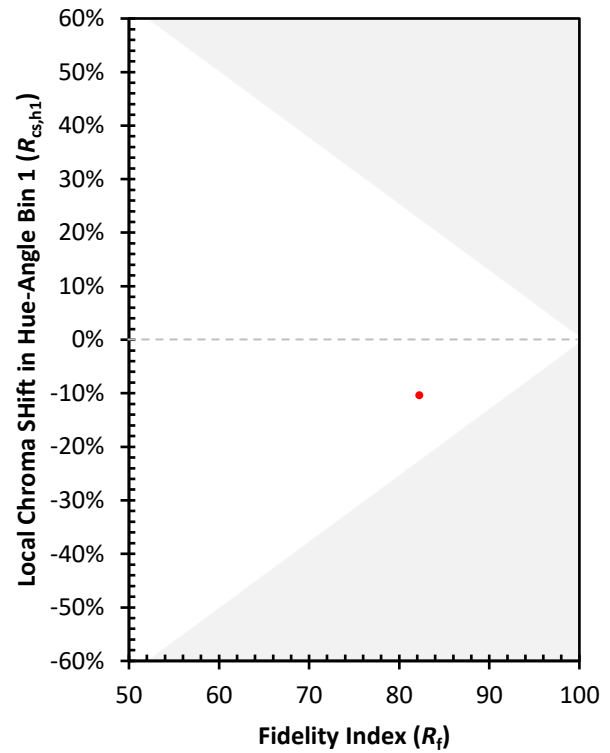
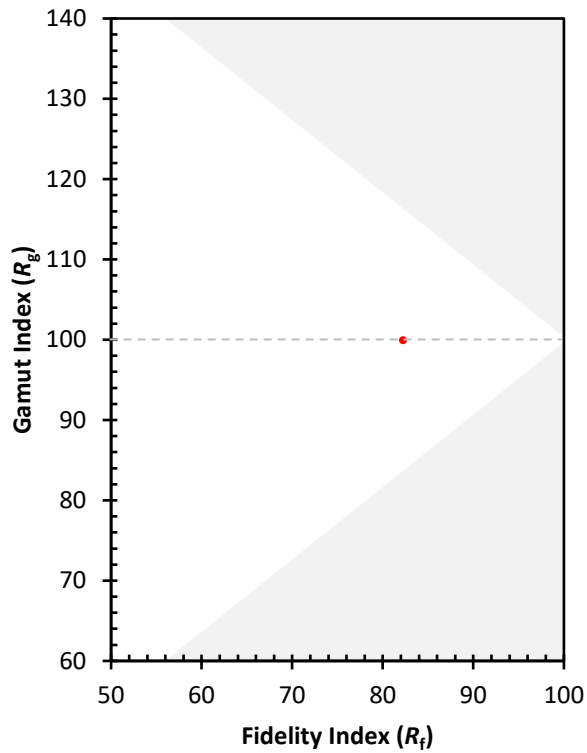
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)