

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: P1049315

Luminaire Tested: **GALN-SA9C-927-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049315
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9C-927-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE
90CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (126) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28114.6 lumens
Efficiency: N/A
Efficacy: 67.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

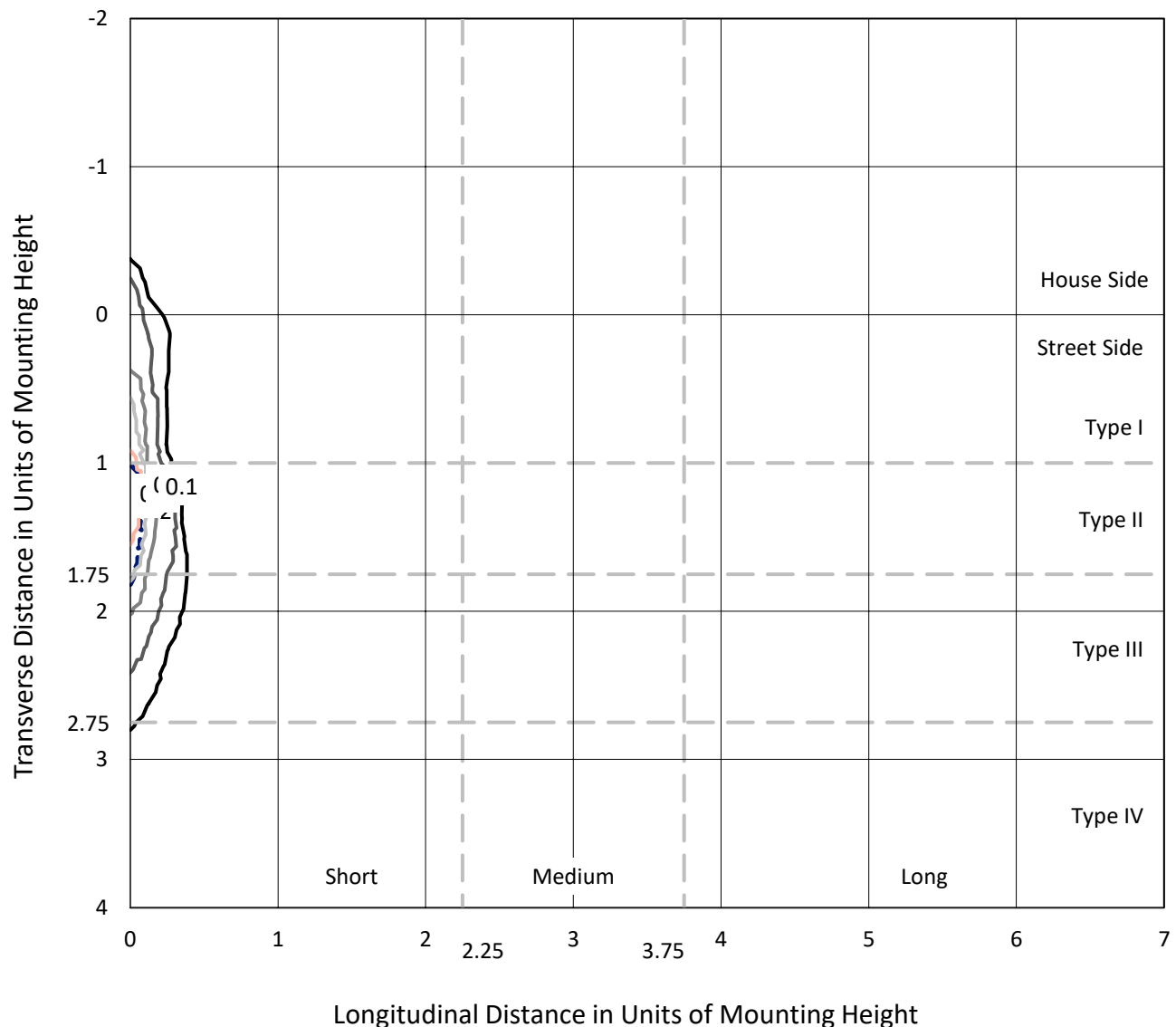
Input Watts (W): 417.1
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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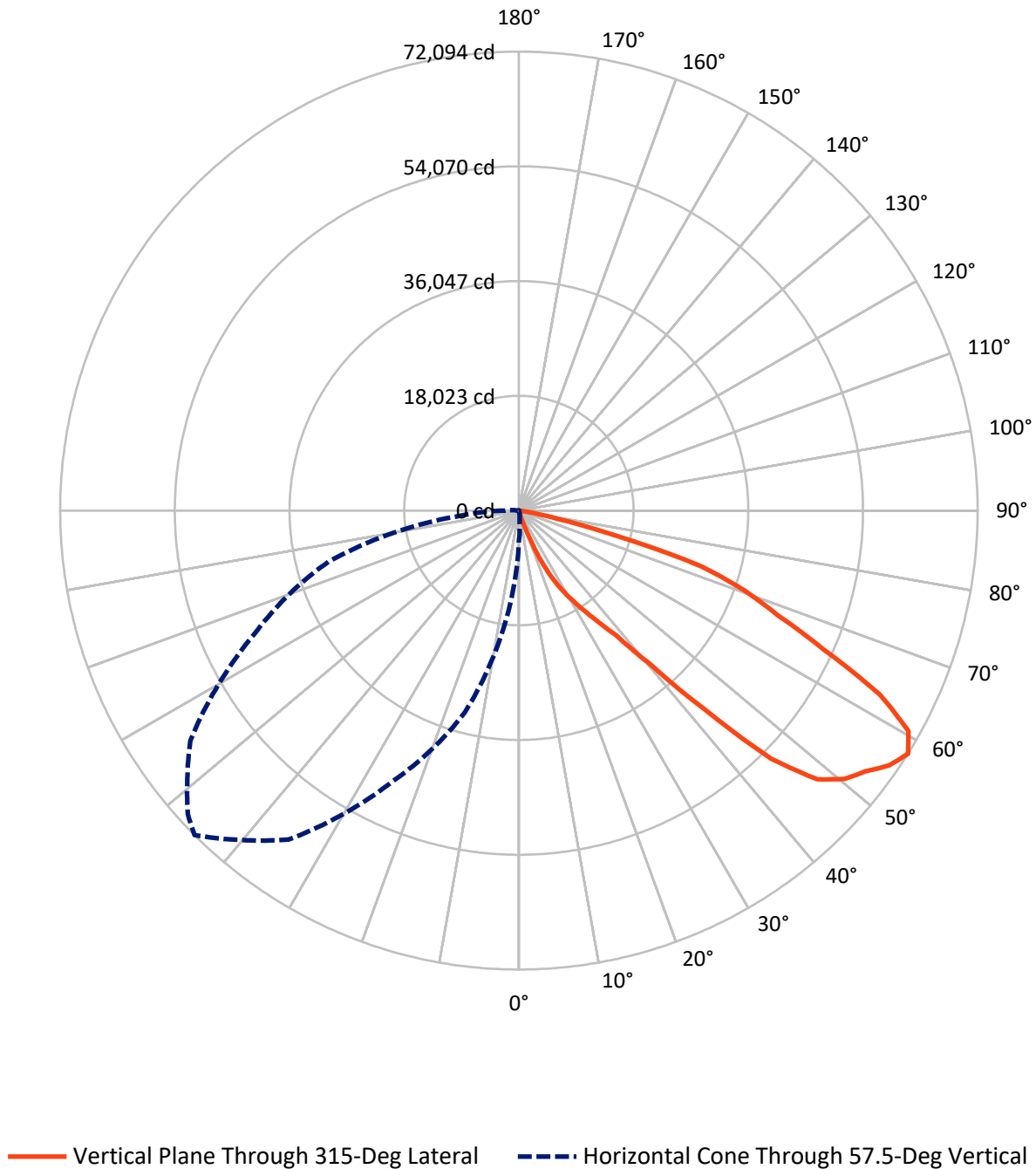
Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd



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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	140.8	0.0	140.8
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	27973.8	0.0	27973.8
	% Fixture	99.5	0.0	99.5
Total	Lumens	28114.6	0.0	28114.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.0	0.0
10°-20°	61.8	0.2
20°-30°	666.3	2.4
30°-40°	1970.3	7.0
40°-50°	5872.0	20.9
50°-60°	9310.9	33.1
60°-70°	7772.3	27.6
70°-80°	2396.7	8.5
80°-90°	53.3	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°	28114.6	100.0
0°-180°	28114.6	100.0



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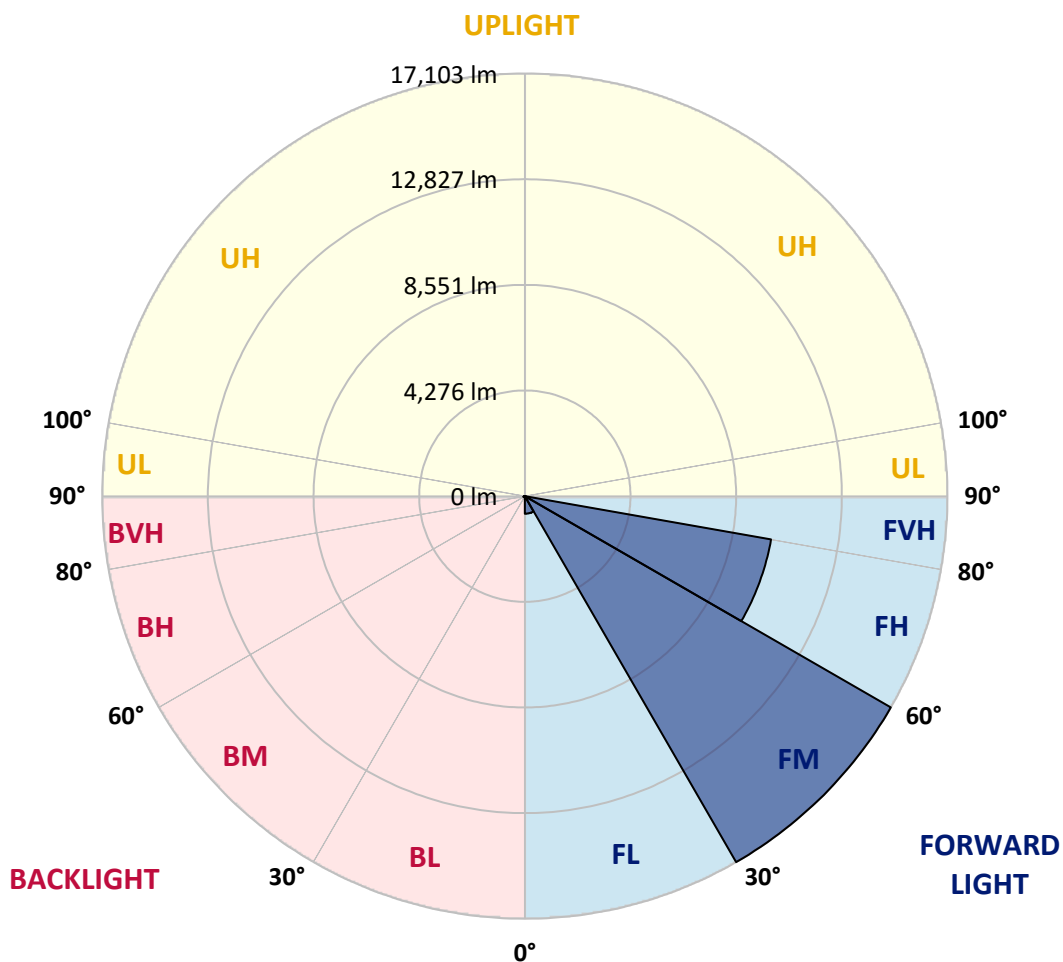
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	713.2	2.5			
FM	(30°-60°)	17102.9	60.8			
FH	(60°-80°)	10116.5	36.0			G4/12000
FVH	(80°-90°)	41.2	0.1			G1/100
BL	(0°-30°)	25.9	0.1	B0/110		
BM	(30°-60°)	50.3	0.2	B0/220		
BH	(60°-80°)	52.5	0.2	B0/110		G0/110
BVH	(80°-90°)	12.1	0.0			G1/100
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°	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2
2.5°	112.6	112.6	112.6	112.6	110.5	110.5	108.4	108.4	106.2	106.2
5°	119.0	119.0	116.9	114.7	114.7	112.6	110.5	108.4	108.4	106.2
7.5°	129.6	127.5	125.4	123.2	119.0	116.9	112.6	110.5	108.4	104.1
10°	142.3	138.1	133.8	129.6	125.4	121.1	116.9	114.7	110.5	108.4
12.5°	159.3	153.0	144.5	138.1	133.8	127.5	123.2	119.0	112.6	108.4
15°	174.2	165.7	155.1	146.6	140.2	131.7	125.4	119.0	114.7	108.4
17.5°	195.5	180.6	163.6	153.0	144.5	133.8	123.2	116.9	110.5	102.0
20°	231.6	201.8	170.0	157.2	144.5	131.7	119.0	110.5	104.1	95.6
22.5°	288.9	238.0	187.0	167.8	150.8	131.7	114.7	106.2	97.7	89.2
25°	399.4	308.1	216.7	191.2	165.7	140.2	114.7	104.1	95.6	85.0
27.5°	531.1	395.2	257.1	221.0	187.0	150.8	114.7	102.0	91.4	78.6
30°	665.0	484.4	301.7	255.0	208.2	161.5	114.7	99.9	87.1	72.2
32.5°	792.5	567.3	339.9	284.7	229.5	172.1	116.9	99.9	82.9	65.9
35°	922.1	635.3	346.3	288.9	231.6	172.1	114.7	95.6	78.6	59.5
37.5°	1087.8	711.7	333.6	276.2	221.0	163.6	108.4	91.4	74.4	55.2
40°	1338.5	839.2	339.9	280.4	221.0	161.5	102.0	85.0	70.1	53.1
42.5°	1801.7	1085.7	367.6	299.6	231.6	161.5	93.5	78.6	65.9	51.0
45°	3114.7	1803.8	492.9	390.9	288.9	187.0	85.0	72.2	61.6	48.9
47.5°	5152.1	3019.0	886.0	684.1	484.4	282.6	82.9	72.2	61.6	48.9
50°	6575.6	3845.5	1115.4	858.3	601.3	344.2	87.1	74.4	63.7	51.0
52.5°	6565.0	3905.0	1242.9	953.9	667.1	378.2	91.4	78.6	68.0	55.2
55°	5836.3	3552.3	1266.3	973.1	682.0	388.8	97.7	85.0	72.2	59.5
57.5°	4878.1	3016.9	1155.8	894.5	635.3	373.9	112.6	97.7	85.0	70.1
60°	3858.3	2379.5	900.8	711.7	524.8	335.7	148.7	129.6	112.6	93.5
62.5°	2664.2	1725.2	786.1	631.0	478.0	322.9	170.0	150.8	133.8	114.7
65°	1884.5	1298.1	709.6	577.9	448.3	316.6	184.8	163.6	144.5	123.2
67.5°	1408.6	1032.6	654.4	541.8	429.2	316.6	204.0	178.5	155.1	129.6
70°	1079.3	847.7	614.0	522.6	433.4	342.1	250.7	214.6	180.6	144.5
72.5°	879.6	724.5	567.3	501.4	435.5	369.7	303.8	257.1	210.3	161.5
75°	728.7	620.4	512.0	456.8	403.7	348.4	293.2	250.7	210.3	167.8
77.5°	484.4	441.9	397.3	365.4	333.6	299.6	267.7	231.6	197.6	161.5
80°	170.0	163.6	157.2	170.0	182.7	195.5	208.2	182.7	159.3	133.8
82.5°	25.5	23.4	21.2	23.4	25.5	27.6	29.7	31.9	34.0	36.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2
0.0	2.5°	104.1	104.1	102.0	102.0	102.0	99.9	99.9	97.7	97.7	97.7
0.0	5°	102.0	102.0	99.9	97.7	95.6	95.6	93.5	91.4	91.4	89.2
0.0	7.5°	99.9	97.7	95.6	93.5	91.4	89.2	87.1	85.0	85.0	82.9
0.0	10°	102.0	97.7	95.6	91.4	89.2	87.1	82.9	80.7	78.6	78.6
0.0	12.5°	97.7	95.6	91.4	87.1	85.0	80.7	78.6	74.4	72.2	72.2
0.0	15°	97.7	93.5	87.1	82.9	78.6	76.5	72.2	68.0	65.9	63.7
0.0	17.5°	91.4	87.1	80.7	76.5	72.2	68.0	63.7	59.5	57.4	55.2
0.0	20°	82.9	78.6	72.2	65.9	61.6	57.4	53.1	48.9	46.7	44.6
0.0	22.5°	74.4	70.1	63.7	57.4	53.1	48.9	42.5	38.2	36.1	31.9
0.0	25°	70.1	63.7	57.4	51.0	44.6	40.4	34.0	27.6	23.4	19.1
0.0	27.5°	59.5	53.1	46.7	40.4	34.0	27.6	21.2	14.9	10.6	8.5
0.0	30°	51.0	44.6	38.2	31.9	23.4	17.0	10.6	2.1	2.1	2.1
0.0	32.5°	42.5	36.1	27.6	21.2	17.0	10.6	6.4	0.0	0.0	0.0
0.0	35°	34.0	27.6	19.1	12.7	10.6	6.4	4.2	0.0	0.0	0.0
0.0	37.5°	29.7	23.4	14.9	6.4	4.2	4.2	2.1	0.0	0.0	0.0
0.0	40°	27.6	19.1	10.6	2.1	2.1	2.1	0.0	0.0	0.0	0.0
0.0	42.5°	27.6	19.1	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	27.6	19.1	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	27.6	19.1	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	29.7	21.2	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	34.0	25.5	17.0	8.5	6.4	4.2	2.1	0.0	0.0	0.0
0.0	55°	42.5	38.2	31.9	27.6	21.2	14.9	6.4	0.0	0.0	0.0
0.0	57.5°	55.2	55.2	53.1	51.0	38.2	25.5	12.7	0.0	0.0	0.0
0.0	60°	74.4	74.4	74.4	74.4	55.2	38.2	19.1	0.0	0.0	0.0
0.0	62.5°	91.4	87.1	80.7	76.5	57.4	38.2	19.1	0.0	0.0	0.0
0.0	65°	91.4	82.9	72.2	61.6	46.7	31.9	14.9	0.0	0.0	0.0
0.0	67.5°	85.0	68.0	48.9	31.9	23.4	17.0	8.5	0.0	0.0	0.0
	70°	85.0	59.5	34.0	8.5	6.4	4.2	2.1	0.0	0.0	0.0
	72.5°	85.0	57.4	27.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	93.5	63.7	31.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	93.5	63.7	31.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	82.9	55.2	27.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	27.6	19.1	8.5	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°	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2
0.0	2.5°	95.6	95.6	95.6	93.5	93.5	93.5	93.5	91.4	91.4	91.4
0.0	5°	87.1	87.1	85.0	85.0	82.9	82.9	80.7	80.7	78.6	78.6
0.0	7.5°	80.7	78.6	78.6	76.5	74.4	74.4	72.2	72.2	70.1	68.0
0.0	10°	74.4	72.2	72.2	70.1	68.0	65.9	65.9	63.7	61.6	59.5
0.0	12.5°	68.0	65.9	63.7	61.6	59.5	57.4	57.4	55.2	53.1	51.0
0.0	15°	59.5	57.4	55.2	53.1	51.0	48.9	48.9	46.7	44.6	42.5
0.0	17.5°	51.0	48.9	48.9	46.7	44.6	42.5	40.4	36.1	34.0	31.9
0.0	20°	38.2	36.1	34.0	31.9	29.7	25.5	23.4	19.1	14.9	12.7
0.0	22.5°	25.5	21.2	19.1	14.9	10.6	8.5	6.4	2.1	0.0	0.0
0.0	25°	8.5	6.4	4.2	2.1	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: P1049315

CATALOG NUMBER: GALN-SA9C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049315

CATALOG NUMBER: GALN-SA9C-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°	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2
0.0	2.5°	89.2	89.2	89.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1
0.0	5°	76.5	76.5	76.5	74.4	74.4	72.2	72.2	72.2	70.1	70.1
0.0	7.5°	65.9	63.7	63.7	61.6	61.6	59.5	59.5	59.5	57.4	57.4
0.0	10°	55.2	53.1	53.1	51.0	51.0	48.9	48.9	46.7	46.7	44.6
0.0	12.5°	48.9	46.7	44.6	42.5	42.5	40.4	38.2	38.2	36.1	34.0
0.0	15°	38.2	36.1	34.0	31.9	29.7	27.6	25.5	25.5	23.4	21.2
0.0	17.5°	25.5	21.2	19.1	17.0	17.0	14.9	12.7	10.6	8.5	6.4
0.0	20°	6.4	4.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049315

CATALOG NUMBER: GALN-SA9C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049315

CATALOG NUMBER: GALN-SA9C-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°	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2
0.0	2.5°	87.1	85.0	85.0	85.0	87.1	87.1	87.1	87.1	87.1	87.1
0.0	5°	70.1	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
0.0	7.5°	57.4	55.2	55.2	55.2	55.2	53.1	53.1	53.1	53.1	53.1
0.0	10°	44.6	42.5	42.5	42.5	42.5	40.4	40.4	40.4	40.4	40.4
0.0	12.5°	31.9	31.9	29.7	29.7	29.7	27.6	27.6	27.6	27.6	25.5
0.0	15°	19.1	17.0	14.9	14.9	14.9	12.7	12.7	12.7	12.7	10.6
0.0	17.5°	4.2	4.2	2.1	2.1	2.1	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



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049315

CATALOG NUMBER: GALN-SA9C-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°	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2
0.0	2.5°	89.2	89.2	91.4	91.4	93.5	97.7	99.9	102.0	106.2	110.5
0.0	5°	70.1	72.2	72.2	74.4	76.5	78.6	80.7	82.9	87.1	91.4
0.0	7.5°	55.2	55.2	57.4	57.4	59.5	63.7	65.9	68.0	72.2	78.6
0.0	10°	42.5	42.5	44.6	44.6	46.7	51.0	53.1	55.2	59.5	65.9
0.0	12.5°	27.6	29.7	29.7	31.9	34.0	38.2	40.4	42.5	46.7	51.0
0.0	15°	12.7	14.9	14.9	17.0	19.1	23.4	25.5	27.6	31.9	38.2
0.0	17.5°	2.1	2.1	4.2	4.2	6.4	8.5	10.6	12.7	19.1	23.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	8.5
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
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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CATALOG NUMBER: GALN-SA9C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049315

CATALOG NUMBER: GALN-SA9C-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°	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2
0.0	2.5°	116.9	121.1	125.4	129.6	133.8	138.1	140.2	144.5	146.6	148.7
0.0	5°	99.9	104.1	110.5	114.7	119.0	123.2	127.5	129.6	131.7	133.8
0.0	7.5°	87.1	91.4	97.7	102.0	106.2	110.5	114.7	119.0	121.1	123.2
0.0	10°	74.4	80.7	85.0	91.4	95.6	99.9	104.1	108.4	112.6	114.7
0.0	12.5°	59.5	65.9	72.2	76.5	82.9	89.2	93.5	97.7	102.0	106.2
0.0	15°	46.7	53.1	59.5	63.7	70.1	76.5	82.9	87.1	91.4	95.6
0.0	17.5°	34.0	40.4	46.7	51.0	57.4	63.7	68.0	74.4	78.6	82.9
0.0	20°	17.0	23.4	29.7	36.1	42.5	48.9	53.1	59.5	63.7	68.0
0.0	22.5°	2.1	8.5	14.9	19.1	25.5	31.9	36.1	42.5	46.7	51.0
0.0	25°	0.0	2.1	6.4	8.5	10.6	14.9	19.1	23.4	27.6	31.9
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.1	4.2	8.5	12.7	17.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
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	2.1
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.1	4.2
	85°	0.0	0.0	0.0	0.0	0.0	4.2	6.4	10.6	12.7	14.9
	87.5°	0.0	2.1	4.2	6.4	8.5	12.7	17.0	21.2	23.4	25.5
	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

REPORT NUMBER: P1049315

CATALOG NUMBER: GALN-SA9C-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
123.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.4	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											
2.1											
8.5											
19.1											
27.6											
0.0											
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REPORT NUMBER: P1049315

CATALOG NUMBER: GALN-SA9C-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°	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2
0.0	2.5°	150.8	150.8	150.8	150.8	148.7	148.7	148.7	146.6	146.6	144.5
0.0	5°	138.1	140.2	140.2	140.2	140.2	140.2	140.2	140.2	138.1	138.1
0.0	7.5°	127.5	129.6	131.7	131.7	133.8	133.8	133.8	131.7	131.7	129.6
0.0	10°	121.1	123.2	123.2	125.4	125.4	125.4	125.4	125.4	125.4	125.4
0.0	12.5°	112.6	114.7	116.9	116.9	119.0	119.0	119.0	119.0	116.9	116.9
0.0	15°	102.0	106.2	108.4	110.5	110.5	112.6	112.6	112.6	112.6	112.6
0.0	17.5°	93.5	97.7	99.9	102.0	102.0	104.1	104.1	106.2	106.2	106.2
0.0	20°	76.5	80.7	82.9	87.1	89.2	91.4	93.5	95.6	95.6	97.7
0.0	22.5°	59.5	63.7	65.9	70.1	72.2	74.4	76.5	78.6	80.7	82.9
0.0	25°	42.5	46.7	48.9	53.1	55.2	57.4	59.5	61.6	61.6	63.7
0.0	27.5°	23.4	27.6	31.9	34.0	38.2	40.4	42.5	44.6	46.7	48.9
0.0	30°	10.6	12.7	14.9	19.1	21.2	23.4	25.5	29.7	31.9	34.0
0.0	32.5°	0.0	0.0	2.1	6.4	8.5	10.6	12.7	14.9	14.9	17.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.1	4.2	6.4	8.5
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°	4.2	4.2	4.2	6.4	6.4	6.4	6.4	6.4	6.4	6.4
	82.5°	10.6	12.7	14.9	14.9	17.0	17.0	17.0	17.0	14.9	14.9
	85°	21.2	23.4	25.5	25.5	27.6	27.6	27.6	27.6	27.6	27.6
	87.5°	29.7	31.9	34.0	34.0	36.1	36.1	36.1	36.1	36.1	36.1
	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: P1049315

CATALOG NUMBER: GALN-SA9C-927-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
123.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	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											
6.4											
14.9											
27.6											
36.1											
0.0											
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REPORT NUMBER: P1049315

CATALOG NUMBER: GALN-SA9C-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°	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2
0.0	2.5°	142.3	142.3	140.2	140.2	140.2	140.2	140.2	142.3	144.5	144.5
0.0	5°	136.0	136.0	133.8	133.8	133.8	136.0	136.0	138.1	140.2	142.3
0.0	7.5°	129.6	127.5	127.5	129.6	129.6	131.7	131.7	133.8	136.0	138.1
0.0	10°	125.4	123.2	123.2	123.2	125.4	125.4	127.5	129.6	131.7	133.8
0.0	12.5°	116.9	116.9	116.9	116.9	119.0	119.0	121.1	123.2	127.5	129.6
0.0	15°	112.6	110.5	110.5	110.5	110.5	112.6	112.6	116.9	121.1	123.2
0.0	17.5°	104.1	104.1	102.0	102.0	104.1	104.1	106.2	110.5	114.7	116.9
0.0	20°	95.6	93.5	91.4	91.4	93.5	93.5	95.6	99.9	104.1	106.2
0.0	22.5°	82.9	80.7	80.7	80.7	80.7	82.9	82.9	87.1	93.5	97.7
0.0	25°	65.9	68.0	68.0	70.1	70.1	72.2	74.4	78.6	85.0	89.2
0.0	27.5°	51.0	53.1	53.1	57.4	59.5	61.6	63.7	70.1	76.5	80.7
0.0	30°	38.2	40.4	42.5	44.6	48.9	53.1	57.4	63.7	70.1	74.4
0.0	32.5°	23.4	27.6	29.7	34.0	38.2	42.5	46.7	53.1	61.6	68.0
0.0	35°	17.0	19.1	23.4	25.5	29.7	34.0	38.2	46.7	53.1	61.6
0.0	37.5°	8.5	12.7	17.0	21.2	25.5	29.7	34.0	42.5	51.0	57.4
0.0	40°	6.4	10.6	12.7	17.0	23.4	27.6	31.9	40.4	48.9	57.4
0.0	42.5°	4.2	6.4	8.5	14.9	19.1	25.5	31.9	40.4	48.9	57.4
0.0	45°	4.2	4.2	6.4	12.7	19.1	27.6	34.0	42.5	48.9	57.4
0.0	47.5°	4.2	6.4	8.5	17.0	21.2	27.6	34.0	40.4	48.9	55.2
0.0	50°	6.4	8.5	10.6	19.1	23.4	29.7	34.0	42.5	48.9	57.4
0.0	52.5°	4.2	6.4	8.5	17.0	23.4	31.9	38.2	46.7	55.2	61.6
0.0	55°	2.1	2.1	2.1	12.7	25.5	36.1	48.9	55.2	63.7	70.1
0.0	57.5°	0.0	0.0	0.0	8.5	25.5	40.4	55.2	63.7	72.2	78.6
0.0	60°	0.0	0.0	0.0	8.5	25.5	40.4	55.2	65.9	76.5	87.1
0.0	62.5°	0.0	0.0	0.0	8.5	21.2	34.0	46.7	63.7	82.9	99.9
0.0	65°	0.0	0.0	0.0	6.4	17.0	27.6	38.2	63.7	89.2	112.6
0.0	67.5°	0.0	0.0	0.0	6.4	17.0	25.5	36.1	63.7	89.2	116.9
	70°	0.0	0.0	0.0	6.4	17.0	27.6	38.2	63.7	89.2	114.7
	72.5°	0.0	0.0	0.0	6.4	19.1	29.7	42.5	63.7	85.0	106.2
	75°	0.0	0.0	0.0	8.5	19.1	31.9	44.6	63.7	82.9	99.9
	77.5°	0.0	0.0	0.0	6.4	19.1	29.7	42.5	61.6	80.7	97.7
	80°	6.4	4.2	4.2	10.6	19.1	27.6	36.1	55.2	76.5	95.6
	82.5°	12.7	12.7	10.6	14.9	19.1	25.5	31.9	48.9	68.0	85.0
	85°	25.5	25.5	23.4	25.5	25.5	27.6	29.7	38.2	46.7	55.2
	87.5°	34.0	34.0	31.9	31.9	31.9	29.7	29.7	29.7	29.7	27.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049315

CATALOG NUMBER: GALN-SA9C-927-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
123.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.2											
127.5											
119.0											
116.9											
114.7											
102.0											
63.7											
27.6											
0.0											
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REPORT NUMBER: P1049315

CATALOG NUMBER: GALN-SA9C-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°	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2
0.0	2.5°	148.7	150.8	150.8	153.0	155.1	157.2	157.2	159.3	159.3	159.3
0.0	5°	146.6	150.8	153.0	155.1	157.2	159.3	161.5	163.6	165.7	165.7
0.0	7.5°	144.5	146.6	150.8	153.0	157.2	159.3	163.6	165.7	167.8	170.0
0.0	10°	140.2	144.5	148.7	153.0	157.2	161.5	165.7	170.0	174.2	176.3
0.0	12.5°	136.0	142.3	146.6	150.8	157.2	163.6	167.8	174.2	178.5	182.7
0.0	15°	133.8	138.1	144.5	148.7	157.2	165.7	172.1	180.6	189.1	195.5
0.0	17.5°	127.5	136.0	142.3	148.7	157.2	167.8	176.3	184.8	197.6	210.3
0.0	20°	119.0	125.4	133.8	140.2	153.0	163.6	176.3	187.0	206.1	225.2
0.0	22.5°	110.5	119.0	125.4	133.8	148.7	161.5	176.3	189.1	221.0	250.7
0.0	25°	102.0	112.6	121.1	129.6	146.6	163.6	180.6	197.6	250.7	303.8
0.0	27.5°	97.7	106.2	116.9	125.4	146.6	170.0	191.2	212.5	297.4	380.3
0.0	30°	91.4	102.0	110.5	121.1	148.7	176.3	204.0	231.6	361.2	490.8
0.0	32.5°	85.0	95.6	106.2	116.9	153.0	189.1	223.1	259.2	429.2	597.0
0.0	35°	78.6	91.4	102.0	112.6	159.3	208.2	255.0	301.7	490.8	677.7
0.0	37.5°	76.5	89.2	99.9	110.5	161.5	210.3	261.3	310.2	497.2	684.1
0.0	40°	78.6	89.2	102.0	112.6	155.1	197.6	238.0	280.4	475.9	669.2
0.0	42.5°	78.6	91.4	104.1	116.9	150.8	184.8	218.8	252.8	469.5	686.2
0.0	45°	76.5	89.2	102.0	114.7	146.6	176.3	208.2	238.0	507.8	775.5
0.0	47.5°	74.4	87.1	99.9	112.6	144.5	176.3	208.2	240.1	656.5	1070.8
0.0	50°	74.4	87.1	97.7	108.4	146.6	187.0	225.2	263.4	956.1	1646.6
0.0	52.5°	78.6	89.2	97.7	106.2	150.8	197.6	242.2	286.8	1215.3	2141.6
0.0	55°	85.0	91.4	99.9	106.2	161.5	214.6	269.8	322.9	1293.9	2264.8
0.0	57.5°	93.5	99.9	106.2	112.6	180.6	248.6	314.4	382.4	1300.3	2216.0
0.0	60°	104.1	112.6	119.0	125.4	197.6	271.9	344.2	416.4	1177.0	1935.5
0.0	62.5°	127.5	138.1	146.6	157.2	227.3	295.3	365.4	433.4	977.3	1521.2
0.0	65°	146.6	155.1	163.6	172.1	240.1	310.2	378.2	446.2	828.6	1211.0
0.0	67.5°	150.8	159.3	165.7	174.2	244.3	314.4	382.4	452.5	709.6	964.6
	70°	153.0	163.6	176.3	187.0	259.2	331.4	401.5	473.8	628.9	784.0
	72.5°	146.6	167.8	187.0	206.1	274.1	339.9	407.9	473.8	584.3	694.7
	75°	146.6	176.3	204.0	231.6	282.6	331.4	382.4	431.3	516.3	601.3
	77.5°	155.1	193.3	231.6	269.8	299.6	327.2	356.9	384.6	439.8	495.0
	80°	155.1	195.5	233.7	274.1	286.8	301.7	314.4	327.2	333.6	339.9
	82.5°	133.8	165.7	197.6	229.5	214.6	199.7	184.8	170.0	159.3	146.6
	85°	68.0	74.4	78.6	82.9	76.5	70.1	63.7	57.4	53.1	46.7
	87.5°	27.6	27.6	25.5	25.5	25.5	25.5	23.4	23.4	23.4	23.4
	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: P1049315

CATALOG NUMBER: GALN-SA9C-927-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
123.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
189.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
227.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
261.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
333.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
452.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
628.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
852.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1064.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1208.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1317.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1425.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1638.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2063.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3144.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4816.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6063.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6201.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5596.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4784.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3739.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2825.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2086.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1476.6											
1098.4											
798.8											
601.3											
337.8											
153.0											
44.6											
21.2											
0.0											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1049315

CATALOG NUMBER: GALN-SA9C-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°	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2
0.0	2.5°	159.3	157.2	157.2	155.1	153.0	150.8	148.7	146.6	144.5	142.3
0.0	5°	165.7	165.7	165.7	163.6	163.6	161.5	161.5	159.3	157.2	155.1
0.0	7.5°	172.1	174.2	174.2	176.3	176.3	176.3	176.3	174.2	174.2	174.2
0.0	10°	182.7	184.8	187.0	189.1	191.2	193.3	193.3	195.5	195.5	195.5
0.0	12.5°	195.5	201.8	206.1	212.5	216.7	223.1	227.3	233.7	238.0	242.2
0.0	15°	214.6	225.2	238.0	248.6	259.2	274.1	291.1	305.9	320.8	344.2
0.0	17.5°	242.2	276.2	310.2	342.1	376.1	450.4	524.8	597.0	671.4	779.7
0.0	20°	295.3	397.3	497.2	599.1	699.0	960.3	1219.5	1480.8	1740.0	2018.4
0.0	22.5°	414.3	665.0	915.7	1166.4	1417.1	1963.1	2507.0	3053.0	3596.9	4236.4
0.0	25°	601.3	1062.3	1523.3	1982.2	2443.3	3297.4	4153.6	5007.7	5861.8	6692.5
0.0	27.5°	875.3	1580.7	2286.1	2989.3	3694.7	4852.6	6012.6	7170.5	8328.4	9267.5
0.0	30°	1213.1	2169.2	3125.3	4081.3	5037.4	6354.7	7671.9	8987.0	10304.3	11330.5
0.0	32.5°	1531.8	2702.5	3873.1	5041.7	6212.3	7712.3	9214.4	10714.3	12214.3	13336.1
0.0	35°	1740.0	3155.0	4572.1	5987.1	7402.1	9025.3	10648.5	12269.5	13892.7	15173.8
0.0	37.5°	1948.3	3582.1	5213.8	6847.6	8479.3	10261.8	12044.3	13826.9	15609.4	17192.2
0.0	40°	2182.0	4098.3	6012.6	7929.0	9843.2	11955.1	14064.8	16176.7	18286.4	20519.3
0.0	42.5°	2587.8	4954.6	7323.5	9690.3	12057.1	14850.9	17644.7	20436.5	23230.3	26417.2
0.0	45°	3350.5	6686.1	10023.8	13359.4	16695.1	20396.1	24099.3	27800.3	31501.3	35742.0
0.0	47.5°	5218.0	9807.1	14394.1	18983.2	23570.2	27566.6	31560.8	35557.2	39551.4	43775.1
0.0	50°	7984.2	13325.4	18666.7	24005.8	29347.0	32963.1	36577.0	40193.1	43807.0	47824.6
0.0	52.5°	9985.6	15549.9	21116.3	26680.6	32245.0	35508.3	38773.8	42037.2	45300.6	49054.7
0.0	55°	10136.4	15668.9	21203.4	26735.9	32268.3	35546.6	38824.8	42103.1	45381.3	49360.7
0.0	57.5°	8974.3	14462.1	19947.8	25435.6	30921.3	34654.2	38385.0	42117.9	45848.7	50151.0
0.0	60°	7633.7	13123.6	18611.4	24101.4	29589.2	33889.4	38191.7	42491.9	46792.0	50822.4
0.0	62.5°	5955.2	11602.4	17251.7	22898.9	28546.0	32912.1	37278.1	41642.0	46008.1	49031.4
0.0	65°	4438.3	9921.9	15405.4	20886.9	26370.5	29867.5	33364.6	36859.6	40356.6	42228.4
0.0	67.5°	3208.1	7937.5	12664.7	17394.0	22121.3	24624.0	27126.8	29627.5	32130.2	33562.2
	70°	2169.2	5445.3	8719.3	11995.5	15269.5	17326.1	19384.8	21441.4	23498.0	25431.4
	72.5°	1502.1	3342.0	5184.0	7023.9	8863.8	10933.2	13000.4	15069.7	17137.0	19183.0
	75°	996.4	1833.5	2672.7	3509.8	4346.9	5878.7	7412.7	8944.5	10476.4	11695.9
	77.5°	707.5	958.2	1211.0	1461.7	1712.4	1999.2	2288.2	2575.0	2861.8	3297.4
	80°	335.7	367.6	399.4	429.2	461.0	565.1	669.2	773.4	877.5	987.9
	82.5°	159.3	172.1	184.8	195.5	208.2	218.8	229.5	240.1	250.7	240.1
	85°	42.5	42.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	42.5
	87.5°	19.1	19.1	19.1	19.1	19.1	19.1	19.1	17.0	17.0	14.9
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
123.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
244.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
369.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
886.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2298.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4875.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7523.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10206.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12358.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14460.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16455.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18777.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22752.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29604.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39982.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47998.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51842.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52808.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53342.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54453.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54850.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52056.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44102.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34996.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27362.6											
21228.9											
12915.4											
3732.9											
1098.4											
227.3											
40.4											
14.9											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											

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CATALOG NUMBER: GALN-SA9C-927-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2
0.0	2.5°	138.1	136.0	133.8	131.7	129.6	125.4	125.4	123.2	123.2
0.0	5°	150.8	148.7	146.6	144.5	144.5	142.3	140.2	140.2	138.1
0.0	7.5°	172.1	170.0	167.8	165.7	165.7	163.6	163.6	161.5	161.5
0.0	10°	197.6	197.6	197.6	197.6	197.6	195.5	195.5	195.5	193.3
0.0	12.5°	248.6	250.7	255.0	259.2	265.6	265.6	265.6	263.4	263.4
0.0	15°	393.0	416.4	433.4	450.4	465.3	499.3	495.0	488.7	484.4
0.0	17.5°	994.3	1100.5	1157.9	1213.1	1270.5	1427.7	1402.2	1376.7	1353.4
0.0	20°	2577.1	2855.5	3040.3	3225.1	3412.1	3707.4	3635.2	3562.9	3490.7
0.0	22.5°	5513.3	6152.8	6431.1	6709.5	6985.7	7342.6	7111.0	6879.4	6650.0
0.0	25°	8351.8	9182.5	9652.0	10121.6	10589.0	10792.9	10491.2	10187.4	9885.7
0.0	27.5°	11145.6	12084.7	12499.0	12911.2	13325.4	13752.5	13378.6	13002.5	12628.6
0.0	30°	13384.9	14411.1	14859.4	15305.6	15753.9	16051.3	15664.6	15275.8	14889.1
0.0	32.5°	15581.8	16703.6	17194.3	17685.1	18173.8	18600.8	18124.9	17646.9	17171.0
0.0	35°	17734.0	19015.1	19690.7	20366.4	21042.0	21439.3	20874.1	20306.9	19741.7
0.0	37.5°	20360.0	21942.8	22699.2	23455.5	24211.9	24936.4	24313.8	23689.2	23066.7
0.0	40°	24985.2	27218.2	28378.2	29540.3	30700.4	31635.2	30849.1	30063.0	29276.9
0.0	42.5°	32791.0	35977.9	37645.7	39311.3	40979.2	42438.7	41612.3	40785.8	39959.3
0.0	45°	44223.4	48464.1	50497.3	52528.4	54561.7	55628.2	54438.5	53246.6	52056.8
0.0	47.5°	52220.4	56444.1	58254.2	60064.4	61874.5	63091.9	61636.6	60181.2	58728.0
0.0	50°	55857.7	59875.3	61691.8	63506.2	65322.7	66289.4	64608.9	62926.2	61245.6
0.0	52.5°	56560.9	60315.1	62482.2	64651.4	66818.5	68110.2	66125.8	64139.3	62155.0
0.0	55°	57321.5	61300.9	63814.3	66329.8	68843.2	70632.1	68388.5	66142.8	63899.3
0.0	57.5°	58753.5	63055.8	65562.8	68067.7	70574.7	72093.8	69843.9	67591.8	65341.9
0.0	60°	58881.0	62909.2	65063.5	67220.0	69374.3	70330.4	68178.2	66023.9	63871.6
0.0	62.5°	55080.1	58103.4	59599.1	61094.8	62590.5	63629.4	61383.7	59135.9	56890.2
0.0	65°	45974.1	47845.8	49037.7	50229.6	51421.5	52660.2	50603.6	48547.0	46490.3
0.0	67.5°	36428.3	37860.3	39430.3	41000.4	42570.5	43894.1	42247.5	40598.9	38952.3
	70°	29296.0	31227.3	32992.8	34758.3	36523.9	37607.4	35954.5	34299.4	32646.5
	72.5°	23274.9	25320.9	26795.4	28267.7	29742.2	30007.8	28792.5	27577.2	26364.1
	75°	14132.8	15352.3	15382.1	15409.7	15439.4	15692.2	14685.2	13678.1	12673.2
	77.5°	4168.5	4604.0	4963.0	5320.0	5679.0	6112.5	5742.8	5371.0	5001.3
	80°	1206.8	1317.2	1410.7	1502.1	1595.6	1540.3	1453.2	1366.1	1279.0
	82.5°	216.7	204.0	201.8	199.7	199.7	189.1	172.1	155.1	138.1
	85°	38.2	36.1	34.0	31.9	29.7	27.6	23.4	21.2	17.0
	87.5°	12.7	10.6	8.5	6.4	6.4	2.1	2.1	2.1	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-SA9C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049315

CATALOG NUMBER: GALN-SA9C-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°	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2	123.2
0.0	0.0	2.5°	121.1	119.0	119.0	119.0	119.0	116.9	116.9	116.9	116.9
0.0	0.0	5°	133.8	133.8	131.7	131.7	129.6	129.6	127.5	127.5	125.4
0.0	0.0	7.5°	157.2	155.1	153.0	150.8	148.7	144.5	142.3	140.2	140.2
0.0	0.0	10°	189.1	184.8	182.7	178.5	176.3	172.1	167.8	163.6	159.3
0.0	0.0	12.5°	248.6	240.1	233.7	225.2	216.7	210.3	201.8	195.5	187.0
0.0	0.0	15°	431.3	410.0	386.7	359.1	329.3	301.7	271.9	255.0	235.8
0.0	0.0	17.5°	1102.7	992.2	879.6	788.2	696.9	607.6	516.3	450.4	384.6
0.0	0.0	20°	2806.6	2500.6	2194.7	1893.0	1589.2	1287.5	983.7	830.7	677.7
0.0	0.0	22.5°	5281.7	4714.5	4145.1	3594.8	3042.4	2492.1	1941.9	1595.6	1251.4
0.0	0.0	25°	8152.1	7438.2	6724.3	5819.3	4912.1	4007.0	3101.9	2538.9	1975.9
0.0	0.0	27.5°	10608.1	9785.9	8963.7	7863.1	6762.6	5662.0	4561.5	3722.3	2885.2
0.0	0.0	30°	12734.8	11851.0	10967.1	9686.0	8404.9	7123.8	5842.6	4793.1	3743.5
0.0	0.0	32.5°	14579.0	13520.9	12462.9	11141.4	9819.9	8498.4	7176.9	5889.4	4601.9
0.0	0.0	35°	16705.7	15471.3	14234.8	12768.8	11300.7	9834.7	8368.8	6915.6	5460.2
0.0	0.0	37.5°	19408.2	17893.3	16376.4	14742.6	13108.7	11477.1	9843.2	8181.8	6520.4
0.0	0.0	40°	24581.5	22626.9	20672.3	18596.6	16518.7	14443.0	12367.3	10327.6	8288.0
0.0	0.0	42.5°	33851.1	31210.3	28569.4	25807.4	23043.3	20281.4	17517.3	14640.6	11761.7
0.0	0.0	45°	44312.6	41036.5	37758.3	34658.5	31556.6	28456.8	25357.0	21409.5	17462.0
0.0	0.0	47.5°	50195.6	46658.2	43120.7	40186.7	37252.6	34318.6	31384.5	27128.9	22873.4
0.0	0.0	50°	52360.6	48759.4	45158.2	42457.9	39755.4	37055.0	34352.5	30090.6	25826.6
0.0	0.0	52.5°	52821.6	49148.2	45474.8	42757.4	40040.1	37324.9	34607.5	30373.2	26138.9
0.0	0.0	55°	53769.2	49828.1	45884.8	42787.2	39689.5	36591.9	33494.2	29191.9	24889.6
0.0	0.0	57.5°	55007.8	50966.9	46925.9	43396.9	39868.0	36341.2	32812.2	28108.4	23404.5
0.0	0.0	60°	54682.8	51166.6	47648.3	43868.6	40086.8	36307.2	32525.4	27352.0	22176.5
0.0	0.0	62.5°	49039.9	46239.6	43437.3	40329.0	37218.6	34110.3	31002.1	25675.7	20349.4
0.0	0.0	65°	40343.9	38300.0	36256.2	33755.5	31252.8	28752.1	26251.5	21475.4	16701.4
0.0	0.0	67.5°	32697.5	30394.4	28089.2	26096.4	24101.4	22108.5	20113.5	16355.1	12596.7
		70°	25977.4	23472.5	20965.5	19019.4	17071.1	15125.0	13178.9	10680.3	8183.9
		72.5°	20629.8	18371.4	16112.9	14037.2	11959.3	9883.6	7805.8	6329.2	4852.6
		75°	9860.2	8957.3	8054.3	6968.7	5883.0	4797.3	3711.7	3067.9	2426.3
		77.5°	3654.3	3167.8	2679.1	2237.2	1795.3	1355.5	913.6	837.1	760.6
		80°	945.4	824.3	701.1	614.0	524.8	437.7	350.6	316.6	284.7
		82.5°	108.4	99.9	93.5	89.2	82.9	78.6	72.2	65.9	59.5
		85°	6.4	4.2	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: P1049315

CATALOG NUMBER: GALN-SA9C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049315

CATALOG NUMBER: GALN-SA9C-927-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	123.2	123.2
0.0	0.0	2.5°	114.7	112.6
0.0	0.0	5°	121.1	119.0
0.0	0.0	7.5°	133.8	129.6
0.0	0.0	10°	146.6	142.3
0.0	0.0	12.5°	165.7	159.3
0.0	0.0	15°	187.0	174.2
0.0	0.0	17.5°	223.1	195.5
0.0	0.0	20°	301.7	231.6
0.0	0.0	22.5°	424.9	288.9
0.0	0.0	25°	624.6	399.4
0.0	0.0	27.5°	869.0	531.1
0.0	0.0	30°	1155.8	665.0
0.0	0.0	32.5°	1408.6	792.5
0.0	0.0	35°	1737.9	922.1
0.0	0.0	37.5°	2143.7	1087.8
0.0	0.0	40°	2772.6	1338.5
0.0	0.0	42.5°	3905.0	1801.7
0.0	0.0	45°	6341.9	3114.7
0.0	0.0	47.5°	9758.3	5152.1
0.0	0.0	50°	11938.1	6575.6
0.0	0.0	52.5°	12116.6	6565.0
0.0	0.0	55°	11060.6	5836.3
0.0	0.0	57.5°	9437.4	4878.1
0.0	0.0	60°	7844.0	3858.3
0.0	0.0	62.5°	6180.4	2664.2
0.0	0.0	65°	4516.9	1884.5
0.0	0.0	67.5°	3244.3	1408.6
		70°	2133.1	1079.3
		72.5°	1389.5	879.6
		75°	934.8	728.7
		77.5°	546.0	484.4
		80°	193.3	170.0
		82.5°	36.1	25.5
		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: P1049315

CATALOG NUMBER: GALN-SA9C-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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

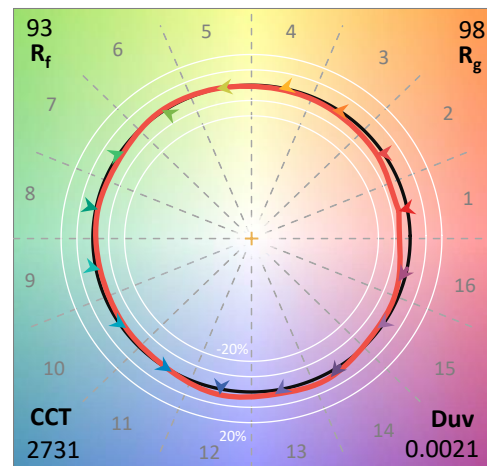
Test Information

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

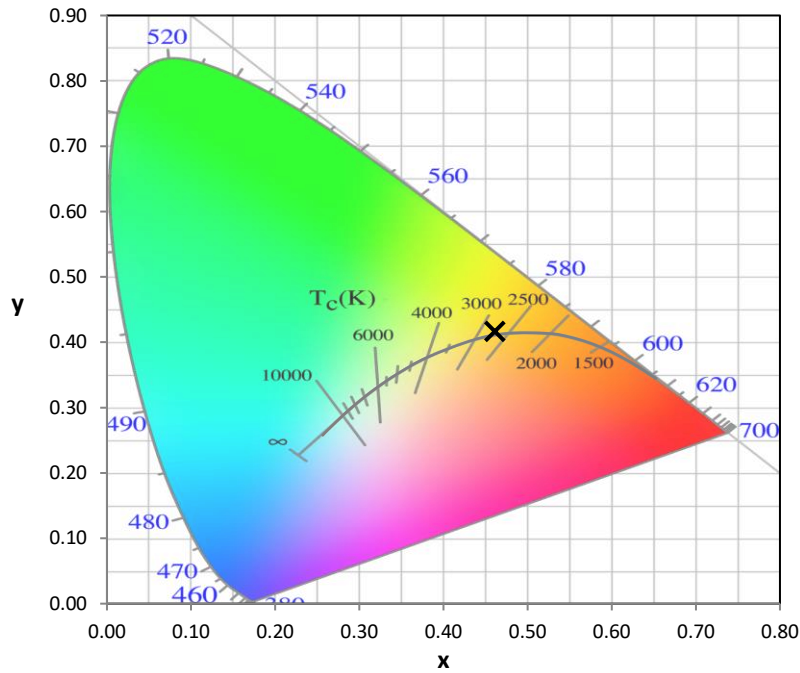
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-13

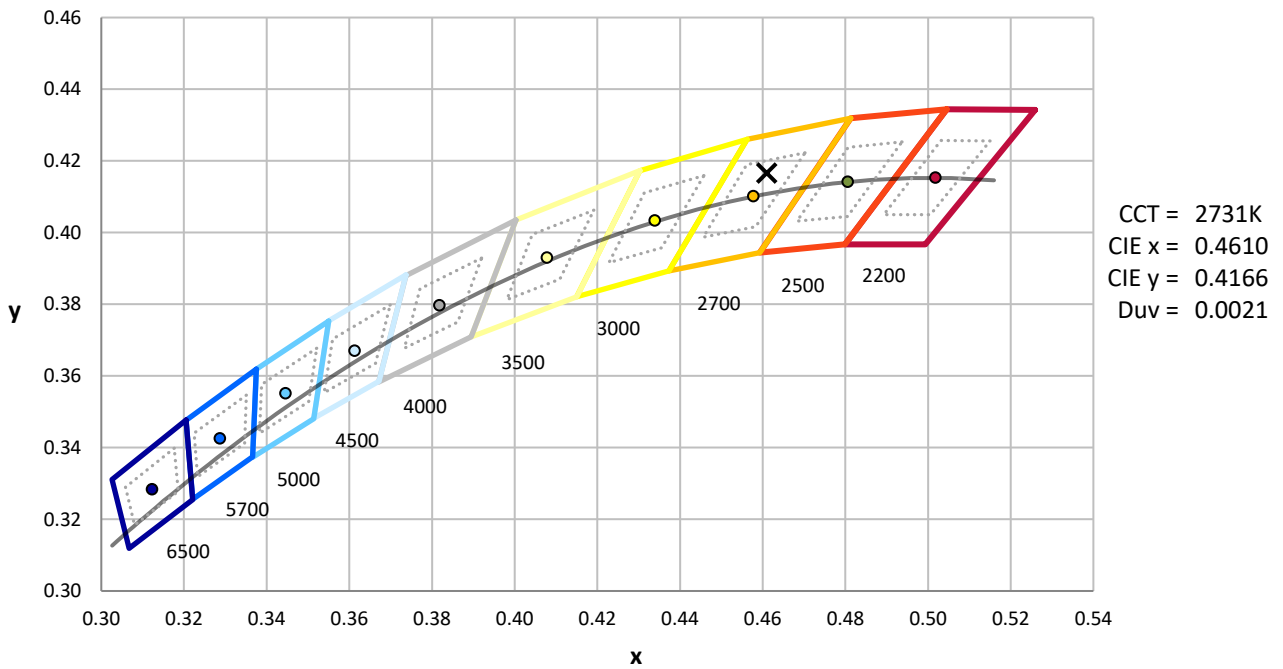
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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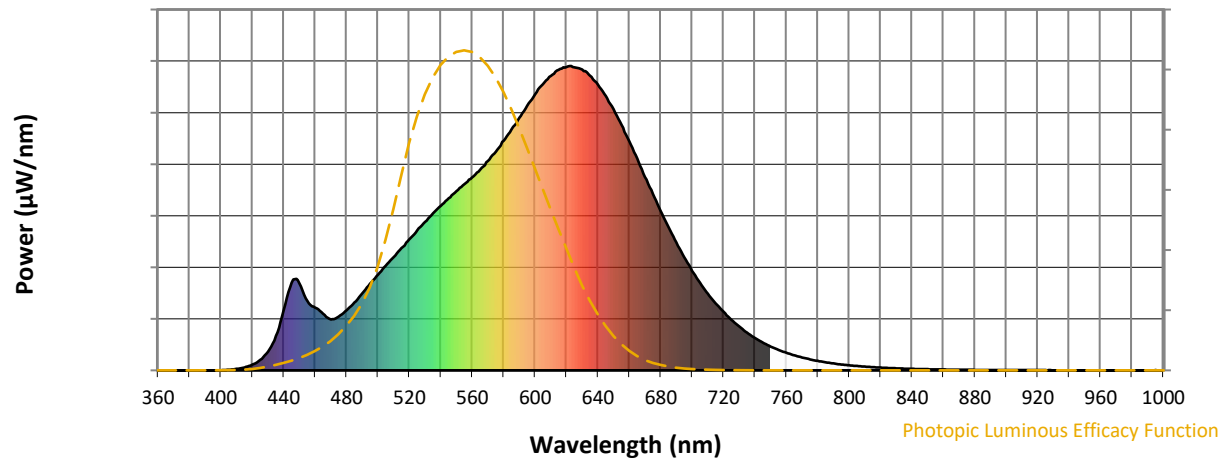
CIE 1931 Chromaticity Diagram



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



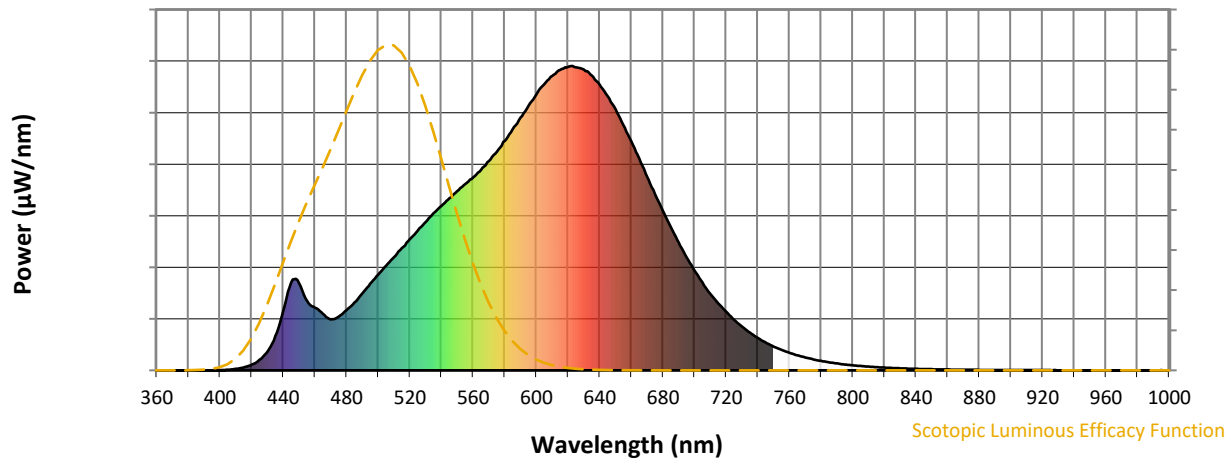
REPORT NUMBER: SP1-2407-184-13

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



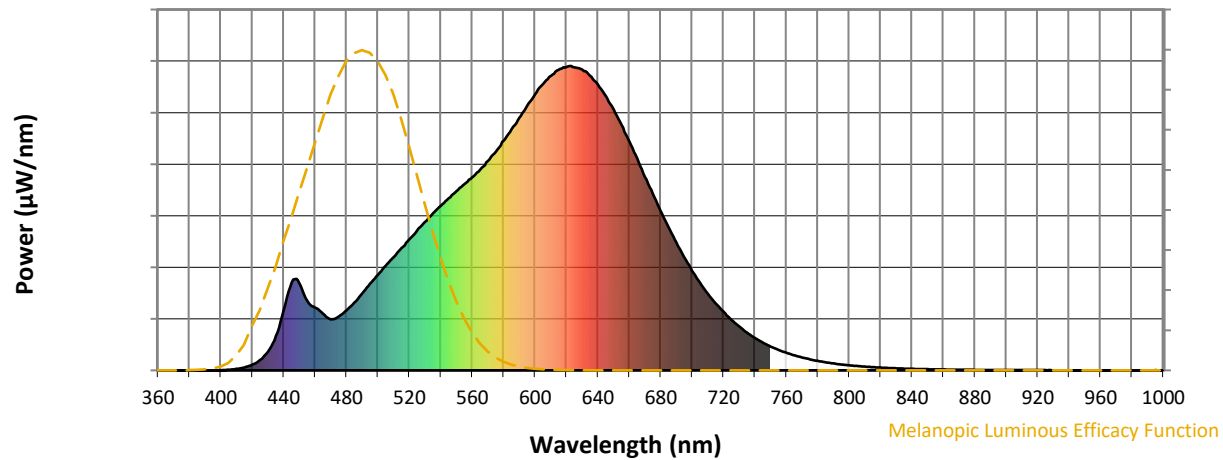
Scotopic Lumens: NR

S/P: 1.27

λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)
360	0	NR	490	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

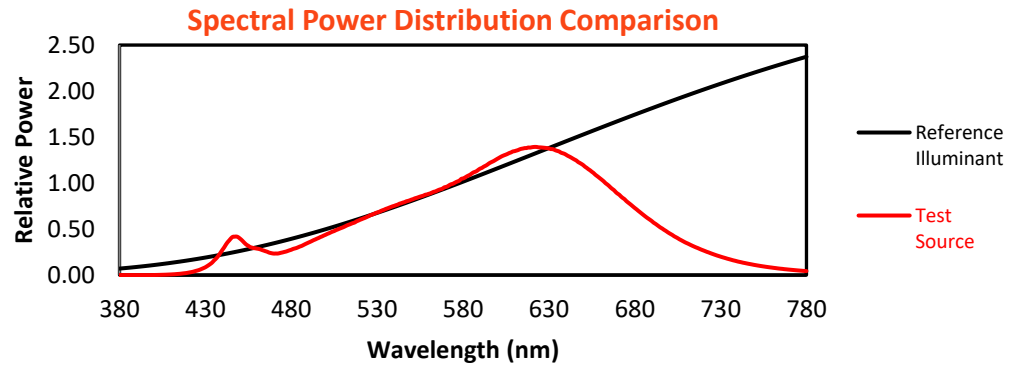
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	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			

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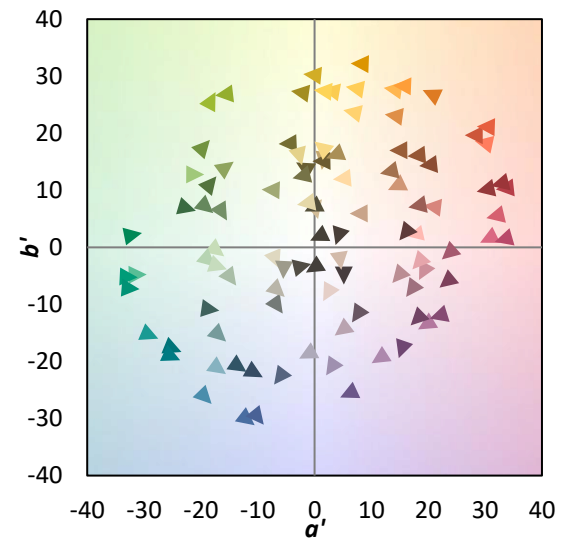
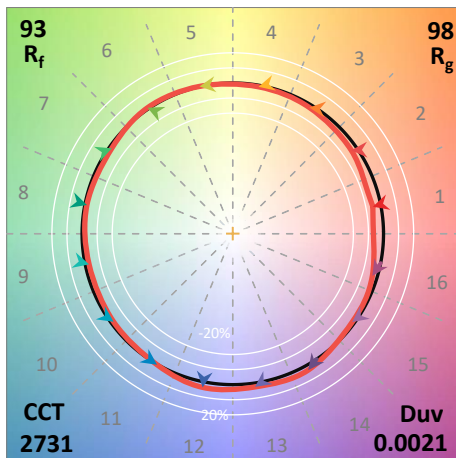
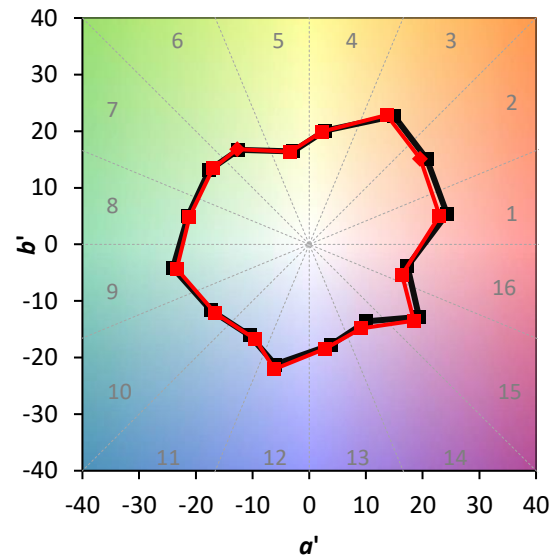
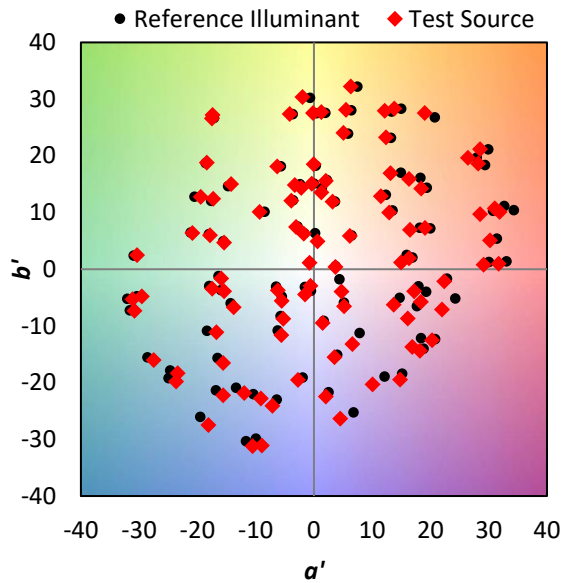
TM-30-18

Summary

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

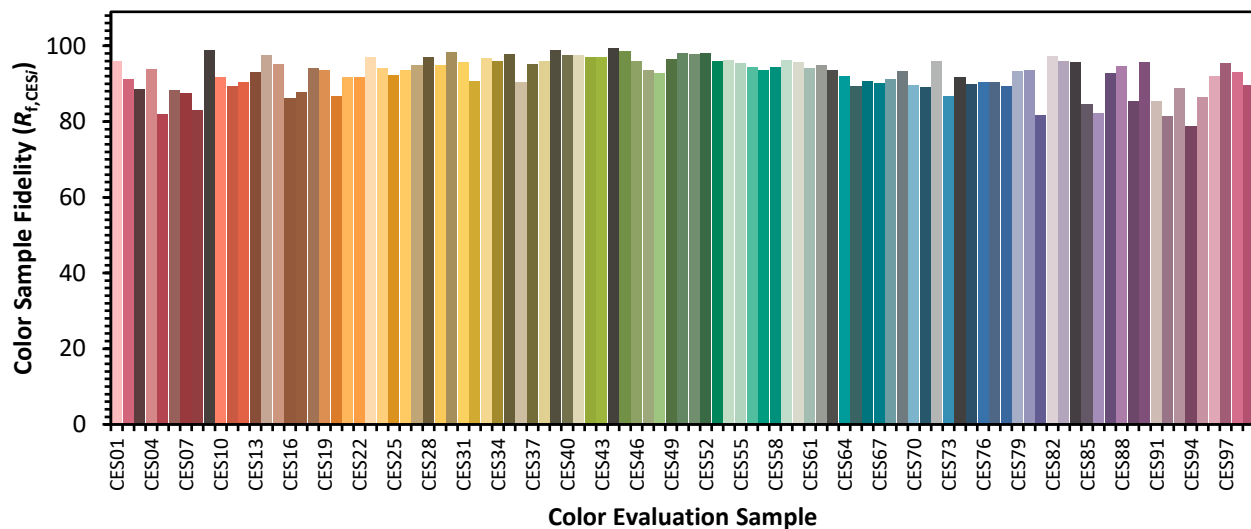


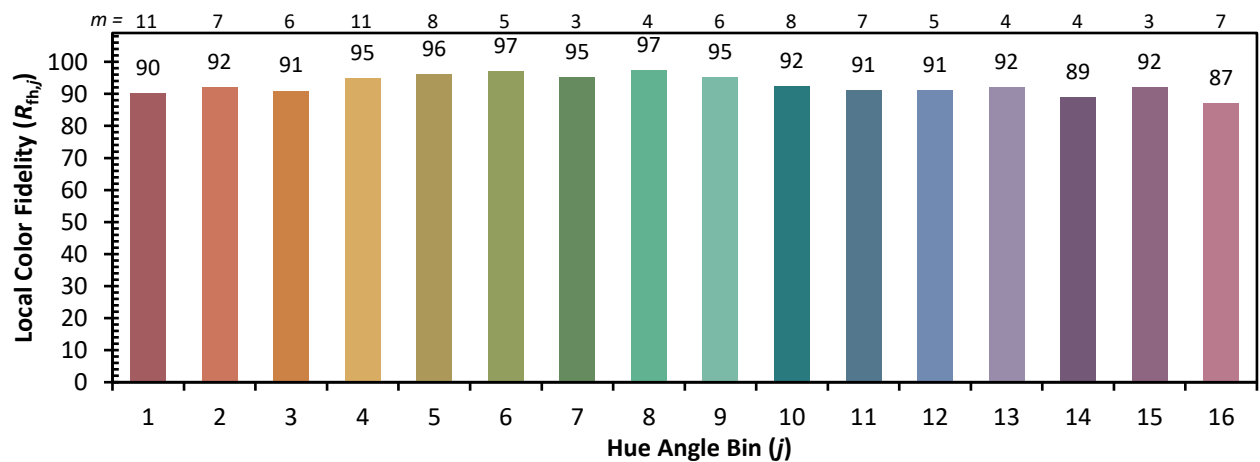
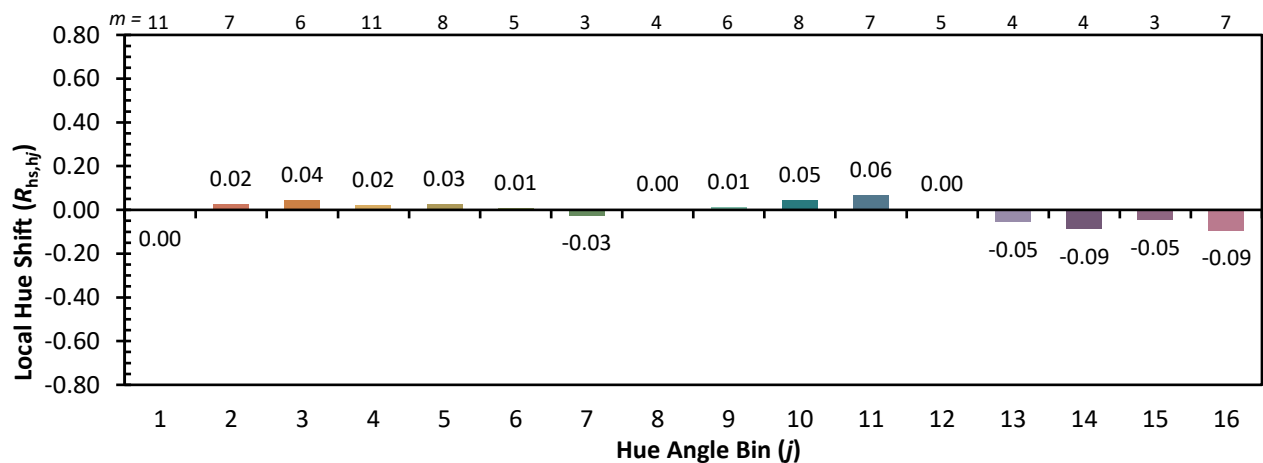
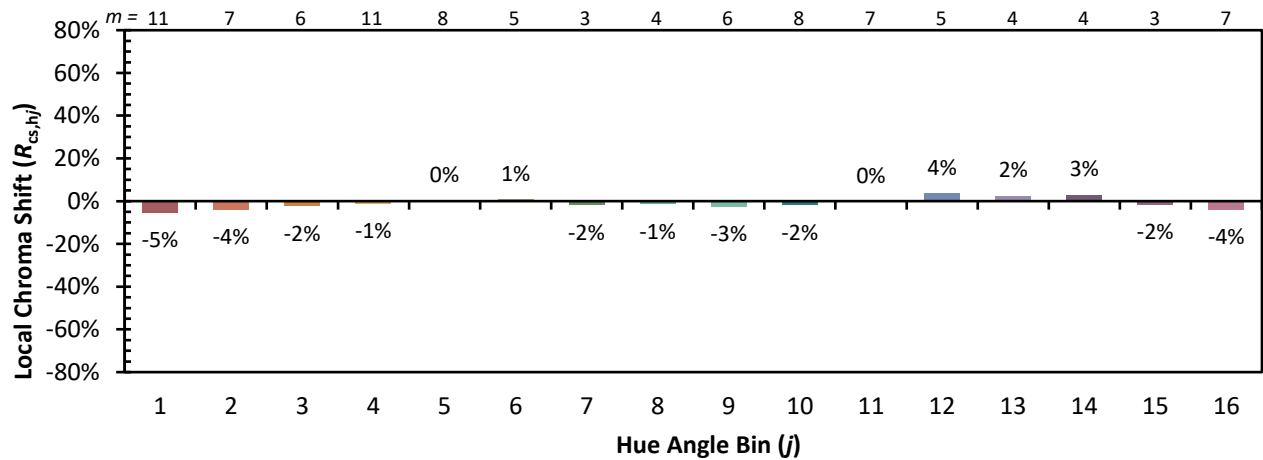
Color Vector Graphics



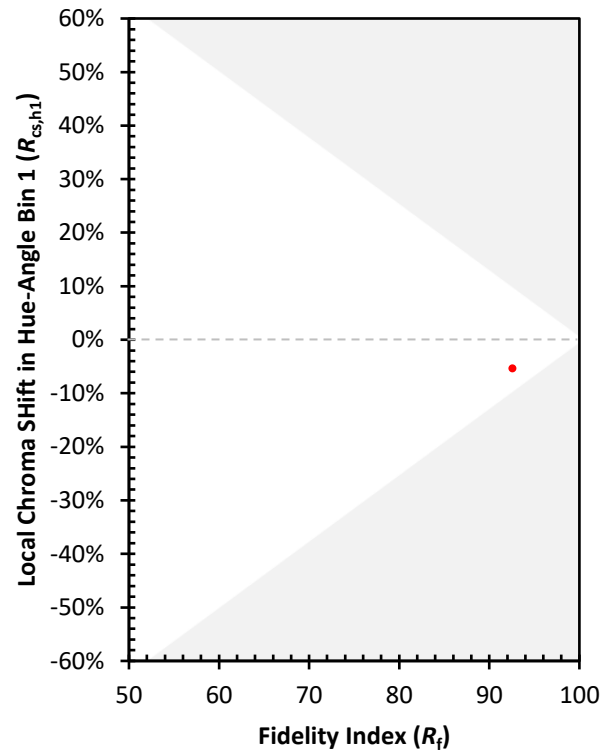
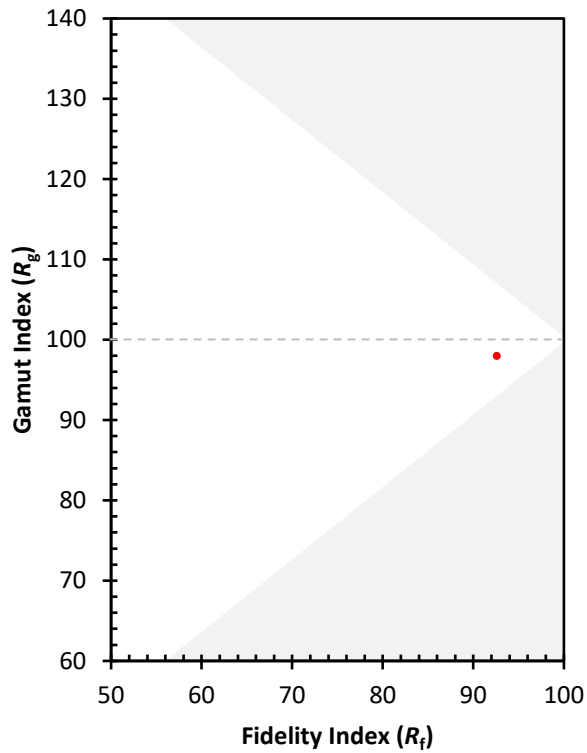
Individual Sample Fidelity Index ($R_{f,i}$)

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)