

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: STREETWORKS

Report Number: P1064987

Luminaire Tested: **GLAN-SA9C-930-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1064987
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA9C-930-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE
90CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (126) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31083 lumens
Efficiency: N/A
Efficacy: 74.5 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

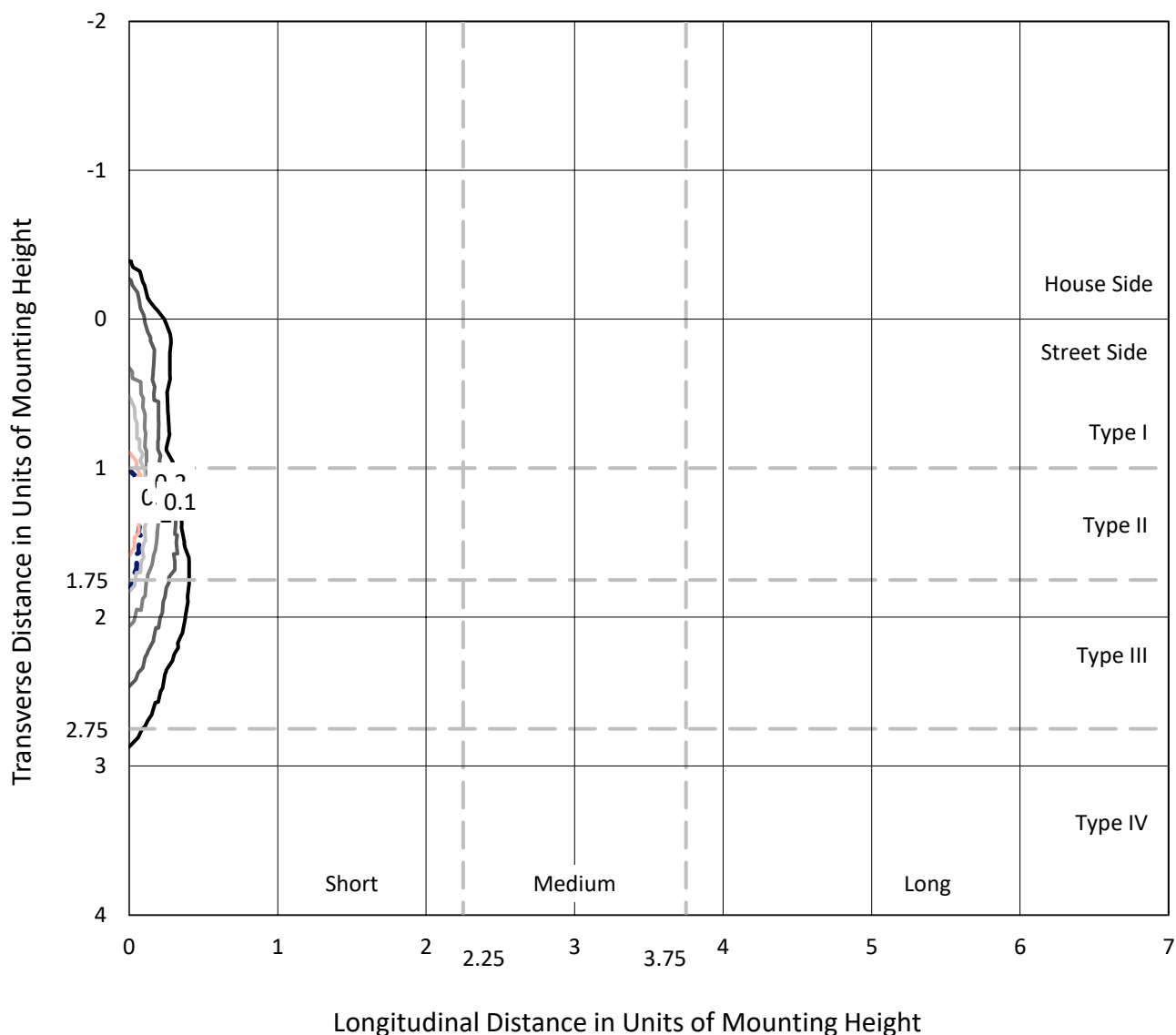
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

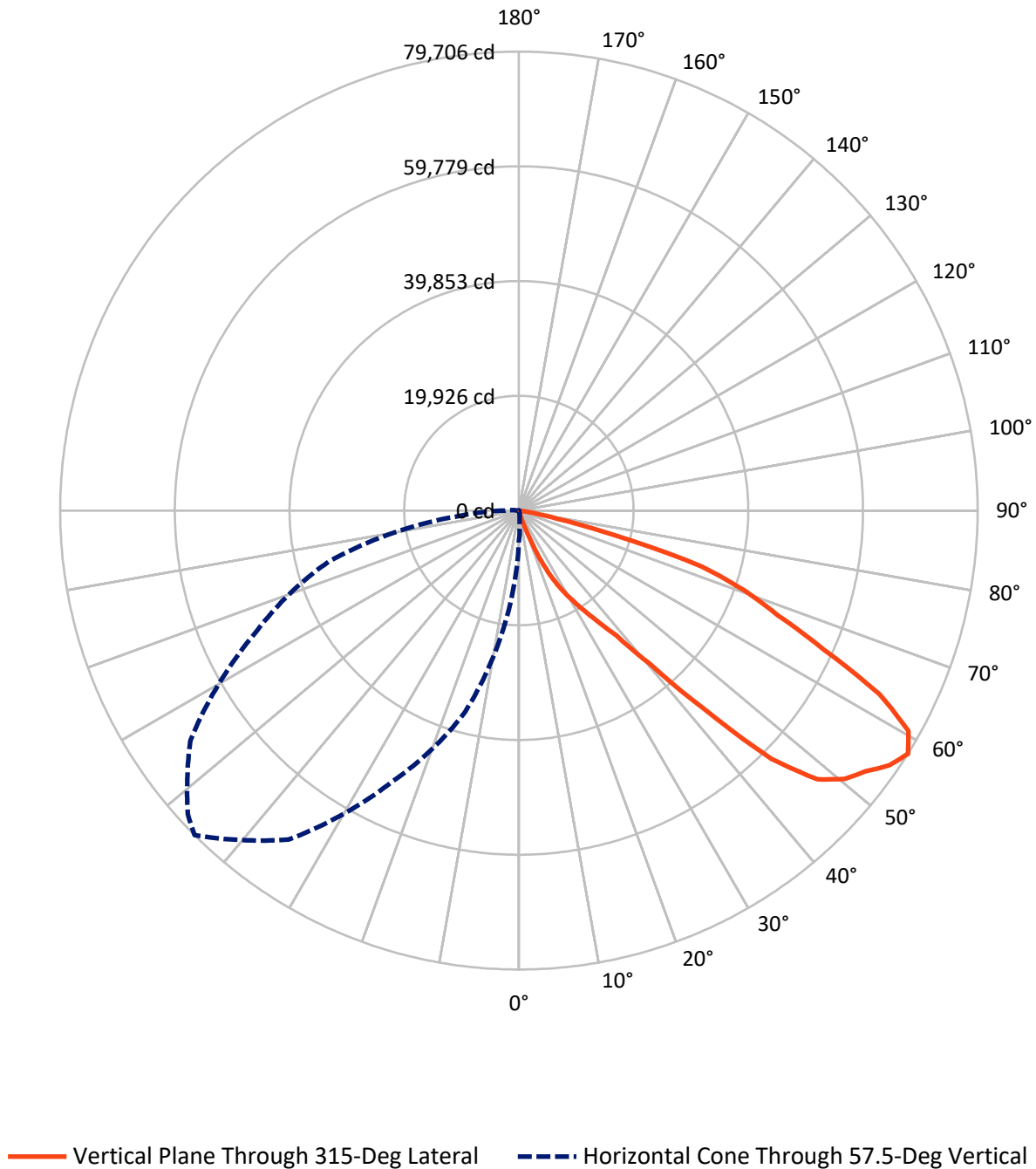


Based on 20 foot mounting height. Maximum calculated value = 4.6 fc

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	155.6	0.0	155.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	30927.3	0.0	30927.3
	% Fixture	99.5	0.0	99.5
Total	Lumens	31083.0	0.0	31083.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.2	0.0
10°-20°	68.3	0.2
20°-30°	736.6	2.4
30°-40°	2178.3	7.0
40°-50°	6492.0	20.9
50°-60°	10294.0	33.1
60°-70°	8593.0	27.6
70°-80°	2649.7	8.5
80°-90°	58.9	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°	31083.0	100.0
0°-180°	31083.0	100.0



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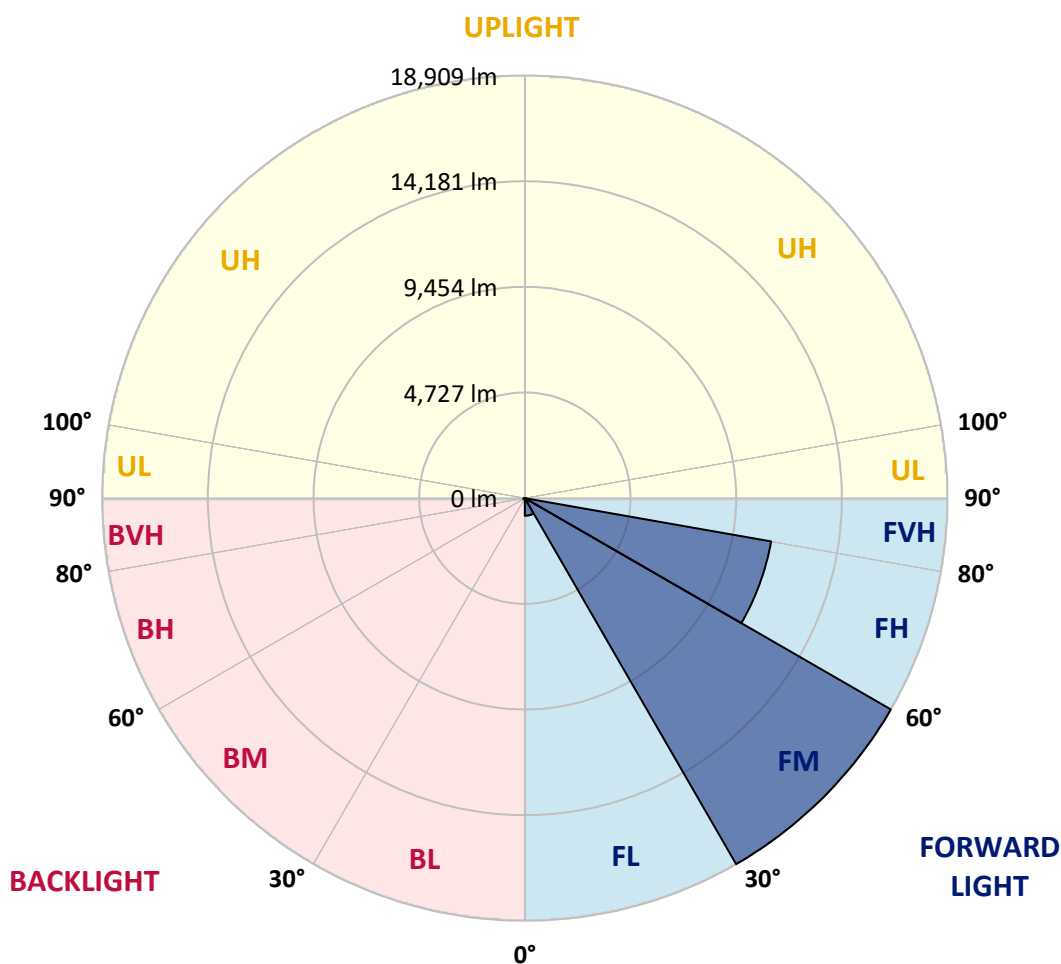
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	788.5	2.5			
FM	(30°-60°)	18908.6	60.8			
FH	(60°-80°)	11184.6	36.0			G4/12000
FVH	(80°-90°)	45.6	0.1			G1/100
BL	(0°-30°)	28.6	0.1	B0/110		
BM	(30°-60°)	55.6	0.2	B0/220		
BH	(60°-80°)	58.1	0.2	B0/110		G0/110
BVH	(80°-90°)	13.4	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°	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2
2.5°	124.5	124.5	124.5	124.5	122.1	122.1	119.8	119.8	117.4	117.4
5°	131.5	131.5	129.2	126.8	126.8	124.5	122.1	119.8	119.8	117.4
7.5°	143.3	140.9	138.6	136.2	131.5	129.2	124.5	122.1	119.8	115.1
10°	157.4	152.7	148.0	143.3	138.6	133.9	129.2	126.8	122.1	119.8
12.5°	176.2	169.1	159.7	152.7	148.0	140.9	136.2	131.5	124.5	119.8
15°	192.6	183.2	171.5	162.1	155.0	145.6	138.6	131.5	126.8	119.8
17.5°	216.1	199.7	180.9	169.1	159.7	148.0	136.2	129.2	122.1	112.7
20°	256.0	223.1	187.9	173.8	159.7	145.6	131.5	122.1	115.1	105.7
22.5°	319.5	263.1	206.7	185.6	166.8	145.6	126.8	117.4	108.1	98.7
25°	441.6	340.6	239.6	211.4	183.2	155.0	126.8	115.1	105.7	94.0
27.5°	587.2	436.9	284.2	244.3	206.7	166.8	126.8	112.7	101.0	86.9
30°	735.2	535.6	333.5	281.9	230.2	178.5	126.8	110.4	96.3	79.9
32.5°	876.1	627.2	375.8	314.8	253.7	190.3	129.2	110.4	91.6	72.8
35°	1019.4	702.3	382.9	319.5	256.0	190.3	126.8	105.7	86.9	65.8
37.5°	1202.6	786.9	368.8	305.4	244.3	180.9	119.8	101.0	82.2	61.1
40°	1479.8	927.8	375.8	310.1	244.3	178.5	112.7	94.0	77.5	58.7
42.5°	1991.9	1200.3	406.4	331.2	256.0	178.5	103.4	86.9	72.8	56.4
45°	3443.5	1994.2	544.9	432.2	319.5	206.7	94.0	79.9	68.1	54.0
47.5°	5696.1	3337.8	979.5	756.4	535.6	312.4	91.6	79.9	68.1	54.0
50°	7269.9	4251.5	1233.2	949.0	664.7	380.5	96.3	82.2	70.5	56.4
52.5°	7258.1	4317.3	1374.1	1054.7	737.6	418.1	101.0	86.9	75.2	61.1
55°	6452.5	3927.4	1400.0	1075.8	754.0	429.9	108.1	94.0	79.9	65.8
57.5°	5393.1	3335.5	1277.8	988.9	702.3	413.4	124.5	108.1	94.0	77.5
60°	4265.6	2630.8	995.9	786.9	580.2	371.1	164.4	143.3	124.5	103.4
62.5°	2945.5	1907.3	869.1	697.6	528.5	357.0	187.9	166.8	148.0	126.8
65°	2083.5	1435.2	784.5	638.9	495.6	350.0	204.4	180.9	159.7	136.2
67.5°	1557.3	1141.6	723.5	599.0	474.5	350.0	225.5	197.3	171.5	143.3
70°	1193.2	937.2	678.8	577.8	479.2	378.2	277.2	237.2	199.7	159.7
72.5°	972.5	801.0	627.2	554.3	481.5	408.7	335.9	284.2	232.5	178.5
75°	805.7	685.9	566.1	505.0	446.3	385.2	324.2	277.2	232.5	185.6
77.5°	535.6	488.6	439.2	404.0	368.8	331.2	296.0	256.0	218.4	178.5
80°	187.9	180.9	173.8	187.9	202.0	216.1	230.2	202.0	176.2	148.0
82.5°	28.2	25.8	23.5	25.8	28.2	30.5	32.9	35.2	37.6	39.9
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):

[illegible]

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CATALOG NUMBER: GLAN-SA9C-930-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2
0.0	2.5°	115.1	115.1	112.7	112.7	112.7	110.4	110.4	108.1	108.1	108.1
0.0	5°	112.7	112.7	110.4	108.1	105.7	105.7	103.4	101.0	101.0	98.7
0.0	7.5°	110.4	108.1	105.7	103.4	101.0	98.7	96.3	94.0	94.0	91.6
0.0	10°	112.7	108.1	105.7	101.0	98.7	96.3	91.6	89.3	86.9	86.9
0.0	12.5°	108.1	105.7	101.0	96.3	94.0	89.3	86.9	82.2	79.9	79.9
0.0	15°	108.1	103.4	96.3	91.6	86.9	84.6	79.9	75.2	72.8	70.5
0.0	17.5°	101.0	96.3	89.3	84.6	79.9	75.2	70.5	65.8	63.4	61.1
0.0	20°	91.6	86.9	79.9	72.8	68.1	63.4	58.7	54.0	51.7	49.3
0.0	22.5°	82.2	77.5	70.5	63.4	58.7	54.0	47.0	42.3	39.9	35.2
0.0	25°	77.5	70.5	63.4	56.4	49.3	44.6	37.6	30.5	25.8	21.1
0.0	27.5°	65.8	58.7	51.7	44.6	37.6	30.5	23.5	16.4	11.7	9.4
0.0	30°	56.4	49.3	42.3	35.2	25.8	18.8	11.7	2.3	2.3	2.3
0.0	32.5°	47.0	39.9	30.5	23.5	18.8	11.7	7.0	0.0	0.0	0.0
0.0	35°	37.6	30.5	21.1	14.1	11.7	7.0	4.7	0.0	0.0	0.0
0.0	37.5°	32.9	25.8	16.4	7.0	4.7	4.7	2.3	0.0	0.0	0.0
0.0	40°	30.5	21.1	11.7	2.3	2.3	2.3	0.0	0.0	0.0	0.0
0.0	42.5°	30.5	21.1	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	30.5	21.1	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	30.5	21.1	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	32.9	23.5	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	37.6	28.2	18.8	9.4	7.0	4.7	2.3	0.0	0.0	0.0
0.0	55°	47.0	42.3	35.2	30.5	23.5	16.4	7.0	0.0	0.0	0.0
0.0	57.5°	61.1	61.1	58.7	56.4	42.3	28.2	14.1	0.0	0.0	0.0
0.0	60°	82.2	82.2	82.2	82.2	61.1	42.3	21.1	0.0	0.0	0.0
0.0	62.5°	101.0	96.3	89.3	84.6	63.4	42.3	21.1	0.0	0.0	0.0
0.0	65°	101.0	91.6	79.9	68.1	51.7	35.2	16.4	0.0	0.0	0.0
0.0	67.5°	94.0	75.2	54.0	35.2	25.8	18.8	9.4	0.0	0.0	0.0
	70°	94.0	65.8	37.6	9.4	7.0	4.7	2.3	0.0	0.0	0.0
	72.5°	94.0	63.4	30.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	103.4	70.5	35.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	103.4	70.5	35.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	91.6	61.1	30.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	30.5	21.1	9.4	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):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2
0.0	2.5°	105.7	105.7	105.7	103.4	103.4	103.4	103.4	101.0	101.0	101.0
0.0	5°	96.3	96.3	94.0	94.0	91.6	91.6	89.3	89.3	86.9	86.9
0.0	7.5°	89.3	86.9	86.9	84.6	82.2	82.2	79.9	79.9	77.5	75.2
0.0	10°	82.2	79.9	79.9	77.5	75.2	72.8	72.8	70.5	68.1	65.8
0.0	12.5°	75.2	72.8	70.5	68.1	65.8	63.4	63.4	61.1	58.7	56.4
0.0	15°	65.8	63.4	61.1	58.7	56.4	54.0	54.0	51.7	49.3	47.0
0.0	17.5°	56.4	54.0	54.0	51.7	49.3	47.0	44.6	39.9	37.6	35.2
0.0	20°	42.3	39.9	37.6	35.2	32.9	28.2	25.8	21.1	16.4	14.1
0.0	22.5°	28.2	23.5	21.1	16.4	11.7	9.4	7.0	2.3	0.0	0.0
0.0	25°	9.4	7.0	4.7	2.3	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: P1064987

CATALOG NUMBER: GLAN-SA9C-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064987

CATALOG NUMBER: GLAN-SA9C-930-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2
0.0	2.5°	98.7	98.7	98.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3
0.0	5°	84.6	84.6	84.6	82.2	82.2	79.9	79.9	79.9	77.5	77.5
0.0	7.5°	72.8	70.5	70.5	68.1	68.1	65.8	65.8	65.8	63.4	63.4
0.0	10°	61.1	58.7	58.7	56.4	56.4	54.0	54.0	51.7	51.7	49.3
0.0	12.5°	54.0	51.7	49.3	47.0	47.0	44.6	42.3	42.3	39.9	37.6
0.0	15°	42.3	39.9	37.6	35.2	32.9	30.5	28.2	28.2	25.8	23.5
0.0	17.5°	28.2	23.5	21.1	18.8	18.8	16.4	14.1	11.7	9.4	7.0
0.0	20°	7.0	4.7	2.3	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: P1064987

CATALOG NUMBER: GLAN-SA9C-930-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°	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2
0.0	2.5°	96.3	94.0	94.0	94.0	96.3	96.3	96.3	96.3	96.3	96.3
0.0	5°	77.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
0.0	7.5°	63.4	61.1	61.1	61.1	61.1	58.7	58.7	58.7	58.7	58.7
0.0	10°	49.3	47.0	47.0	47.0	47.0	44.6	44.6	44.6	44.6	44.6
0.0	12.5°	35.2	35.2	32.9	32.9	32.9	30.5	30.5	30.5	30.5	28.2
0.0	15°	21.1	18.8	16.4	16.4	16.4	14.1	14.1	14.1	14.1	11.7
0.0	17.5°	4.7	4.7	2.3	2.3	2.3	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2
0.0	2.5°	98.7	98.7	101.0	101.0	103.4	108.1	110.4	112.7	117.4	122.1
0.0	5°	77.5	79.9	79.9	82.2	84.6	86.9	89.3	91.6	96.3	101.0
0.0	7.5°	61.1	61.1	63.4	63.4	65.8	70.5	72.8	75.2	79.9	86.9
0.0	10°	47.0	47.0	49.3	49.3	51.7	56.4	58.7	61.1	65.8	72.8
0.0	12.5°	30.5	32.9	32.9	35.2	37.6	42.3	44.6	47.0	51.7	56.4
0.0	15°	14.1	16.4	16.4	18.8	21.1	25.8	28.2	30.5	35.2	42.3
0.0	17.5°	2.3	2.3	4.7	4.7	7.0	9.4	11.7	14.1	21.1	25.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	9.4
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
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):

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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2
0.0	2.5°	129.2	133.9	138.6	143.3	148.0	152.7	155.0	159.7	162.1	164.4
0.0	5°	110.4	115.1	122.1	126.8	131.5	136.2	140.9	143.3	145.6	148.0
0.0	7.5°	96.3	101.0	108.1	112.7	117.4	122.1	126.8	131.5	133.9	136.2
0.0	10°	82.2	89.3	94.0	101.0	105.7	110.4	115.1	119.8	124.5	126.8
0.0	12.5°	65.8	72.8	79.9	84.6	91.6	98.7	103.4	108.1	112.7	117.4
0.0	15°	51.7	58.7	65.8	70.5	77.5	84.6	91.6	96.3	101.0	105.7
0.0	17.5°	37.6	44.6	51.7	56.4	63.4	70.5	75.2	82.2	86.9	91.6
0.0	20°	18.8	25.8	32.9	39.9	47.0	54.0	58.7	65.8	70.5	75.2
0.0	22.5°	2.3	9.4	16.4	21.1	28.2	35.2	39.9	47.0	51.7	56.4
0.0	25°	0.0	2.3	7.0	9.4	11.7	16.4	21.1	25.8	30.5	35.2
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.3	4.7	9.4	14.1	18.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
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	2.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.3	4.7
	85°	0.0	0.0	0.0	0.0	0.0	4.7	7.0	11.7	14.1	16.4
	87.5°	0.0	2.3	4.7	7.0	9.4	14.1	18.8	23.5	25.8	28.2
	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: P1064987

CATALOG NUMBER: GLAN-SA9C-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
136.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.0	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											
2.3											
9.4											
21.1											
30.5											
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REPORT NUMBER: P1064987

CATALOG NUMBER: GLAN-SA9C-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2
0.0	2.5°	166.8	166.8	166.8	166.8	164.4	164.4	164.4	162.1	162.1	159.7
0.0	5°	152.7	155.0	155.0	155.0	155.0	155.0	155.0	155.0	152.7	152.7
0.0	7.5°	140.9	143.3	145.6	145.6	148.0	148.0	148.0	145.6	145.6	143.3
0.0	10°	133.9	136.2	136.2	138.6	138.6	138.6	138.6	138.6	138.6	138.6
0.0	12.5°	124.5	126.8	129.2	129.2	131.5	131.5	131.5	131.5	129.2	129.2
0.0	15°	112.7	117.4	119.8	122.1	122.1	124.5	124.5	124.5	124.5	124.5
0.0	17.5°	103.4	108.1	110.4	112.7	112.7	115.1	115.1	117.4	117.4	117.4
0.0	20°	84.6	89.3	91.6	96.3	98.7	101.0	103.4	105.7	105.7	108.1
0.0	22.5°	65.8	70.5	72.8	77.5	79.9	82.2	84.6	86.9	89.3	91.6
0.0	25°	47.0	51.7	54.0	58.7	61.1	63.4	65.8	68.1	68.1	70.5
0.0	27.5°	25.8	30.5	35.2	37.6	42.3	44.6	47.0	49.3	51.7	54.0
0.0	30°	11.7	14.1	16.4	21.1	23.5	25.8	28.2	32.9	35.2	37.6
0.0	32.5°	0.0	0.0	2.3	7.0	9.4	11.7	14.1	16.4	16.4	18.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.3	4.7	7.0	9.4
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°	4.7	4.7	4.7	7.0	7.0	7.0	7.0	7.0	7.0	7.0
	82.5°	11.7	14.1	16.4	16.4	18.8	18.8	18.8	18.8	16.4	16.4
	85°	23.5	25.8	28.2	28.2	30.5	30.5	30.5	30.5	30.5	30.5
	87.5°	32.9	35.2	37.6	37.6	39.9	39.9	39.9	39.9	39.9	39.9
	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: P1064987

CATALOG NUMBER: GLAN-SA9C-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
136.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	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											
7.0											
16.4											
30.5											
39.9											
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REPORT NUMBER: P1064987

CATALOG NUMBER: GLAN-SA9C-930-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°	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2
0.0	2.5°	157.4	157.4	155.0	155.0	155.0	155.0	155.0	157.4	159.7	159.7
0.0	5°	150.3	150.3	148.0	148.0	148.0	150.3	150.3	152.7	155.0	157.4
0.0	7.5°	143.3	140.9	140.9	143.3	143.3	145.6	145.6	148.0	150.3	152.7
0.0	10°	138.6	136.2	136.2	136.2	138.6	138.6	140.9	143.3	145.6	148.0
0.0	12.5°	129.2	129.2	129.2	129.2	131.5	131.5	133.9	136.2	140.9	143.3
0.0	15°	124.5	122.1	122.1	122.1	122.1	124.5	124.5	129.2	133.9	136.2
0.0	17.5°	115.1	115.1	112.7	112.7	115.1	115.1	117.4	122.1	126.8	129.2
0.0	20°	105.7	103.4	101.0	101.0	103.4	103.4	105.7	110.4	115.1	117.4
0.0	22.5°	91.6	89.3	89.3	89.3	89.3	91.6	91.6	96.3	103.4	108.1
0.0	25°	72.8	75.2	75.2	77.5	77.5	79.9	82.2	86.9	94.0	98.7
0.0	27.5°	56.4	58.7	58.7	63.4	65.8	68.1	70.5	77.5	84.6	89.3
0.0	30°	42.3	44.6	47.0	49.3	54.0	58.7	63.4	70.5	77.5	82.2
0.0	32.5°	25.8	30.5	32.9	37.6	42.3	47.0	51.7	58.7	68.1	75.2
0.0	35°	18.8	21.1	25.8	28.2	32.9	37.6	42.3	51.7	58.7	68.1
0.0	37.5°	9.4	14.1	18.8	23.5	28.2	32.9	37.6	47.0	56.4	63.4
0.0	40°	7.0	11.7	14.1	18.8	25.8	30.5	35.2	44.6	54.0	63.4
0.0	42.5°	4.7	7.0	9.4	16.4	21.1	28.2	35.2	44.6	54.0	63.4
0.0	45°	4.7	4.7	7.0	14.1	21.1	30.5	37.6	47.0	54.0	63.4
0.0	47.5°	4.7	7.0	9.4	18.8	23.5	30.5	37.6	44.6	54.0	61.1
0.0	50°	7.0	9.4	11.7	21.1	25.8	32.9	37.6	47.0	54.0	63.4
0.0	52.5°	4.7	7.0	9.4	18.8	25.8	35.2	42.3	51.7	61.1	68.1
0.0	55°	2.3	2.3	2.3	14.1	28.2	39.9	54.0	61.1	70.5	77.5
0.0	57.5°	0.0	0.0	0.0	9.4	28.2	44.6	61.1	70.5	79.9	86.9
0.0	60°	0.0	0.0	0.0	9.4	28.2	44.6	61.1	72.8	84.6	96.3
0.0	62.5°	0.0	0.0	0.0	9.4	23.5	37.6	51.7	70.5	91.6	110.4
0.0	65°	0.0	0.0	0.0	7.0	18.8	30.5	42.3	70.5	98.7	124.5
0.0	67.5°	0.0	0.0	0.0	7.0	18.8	28.2	39.9	70.5	98.7	129.2
	70°	0.0	0.0	0.0	7.0	18.8	30.5	42.3	70.5	98.7	126.8
	72.5°	0.0	0.0	0.0	7.0	21.1	32.9	47.0	70.5	94.0	117.4
	75°	0.0	0.0	0.0	9.4	21.1	35.2	49.3	70.5	91.6	110.4
	77.5°	0.0	0.0	0.0	7.0	21.1	32.9	47.0	68.1	89.3	108.1
	80°	7.0	4.7	4.7	11.7	21.1	30.5	39.9	61.1	84.6	105.7
	82.5°	14.1	14.1	11.7	16.4	21.1	28.2	35.2	54.0	75.2	94.0
	85°	28.2	28.2	25.8	28.2	28.2	30.5	32.9	42.3	51.7	61.1
	87.5°	37.6	37.6	35.2	35.2	35.2	32.9	32.9	32.9	32.9	30.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
136.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.0											
140.9											
131.5											
129.2											
126.8											
112.7											
70.5											
30.5											
0.0											
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REPORT NUMBER: P1064987

CATALOG NUMBER: GLAN-SA9C-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2
0.0	2.5°	164.4	166.8	166.8	169.1	171.5	173.8	173.8	176.2	176.2	176.2
0.0	5°	162.1	166.8	169.1	171.5	173.8	176.2	178.5	180.9	183.2	183.2
0.0	7.5°	159.7	162.1	166.8	169.1	173.8	176.2	180.9	183.2	185.6	187.9
0.0	10°	155.0	159.7	164.4	169.1	173.8	178.5	183.2	187.9	192.6	195.0
0.0	12.5°	150.3	157.4	162.1	166.8	173.8	180.9	185.6	192.6	197.3	202.0
0.0	15°	148.0	152.7	159.7	164.4	173.8	183.2	190.3	199.7	209.1	216.1
0.0	17.5°	140.9	150.3	157.4	164.4	173.8	185.6	195.0	204.4	218.4	232.5
0.0	20°	131.5	138.6	148.0	155.0	169.1	180.9	195.0	206.7	227.8	249.0
0.0	22.5°	122.1	131.5	138.6	148.0	164.4	178.5	195.0	209.1	244.3	277.2
0.0	25°	112.7	124.5	133.9	143.3	162.1	180.9	199.7	218.4	277.2	335.9
0.0	27.5°	108.1	117.4	129.2	138.6	162.1	187.9	211.4	234.9	328.8	420.5
0.0	30°	101.0	112.7	122.1	133.9	164.4	195.0	225.5	256.0	399.3	542.6
0.0	32.5°	94.0	105.7	117.4	129.2	169.1	209.1	246.6	286.6	474.5	660.0
0.0	35°	86.9	101.0	112.7	124.5	176.2	230.2	281.9	333.5	542.6	749.3
0.0	37.5°	84.6	98.7	110.4	122.1	178.5	232.5	288.9	342.9	549.6	756.4
0.0	40°	86.9	98.7	112.7	124.5	171.5	218.4	263.1	310.1	526.2	739.9
0.0	42.5°	86.9	101.0	115.1	129.2	166.8	204.4	241.9	279.5	519.1	758.7
0.0	45°	84.6	98.7	112.7	126.8	162.1	195.0	230.2	263.1	561.4	857.4
0.0	47.5°	82.2	96.3	110.4	124.5	159.7	195.0	230.2	265.4	725.8	1183.9
0.0	50°	82.2	96.3	108.1	119.8	162.1	206.7	249.0	291.3	1057.0	1820.4
0.0	52.5°	86.9	98.7	108.1	117.4	166.8	218.4	267.8	317.1	1343.6	2367.7
0.0	55°	94.0	101.0	110.4	117.4	178.5	237.2	298.3	357.0	1430.5	2503.9
0.0	57.5°	103.4	110.4	117.4	124.5	199.7	274.8	347.6	422.8	1437.5	2449.9
0.0	60°	115.1	124.5	131.5	138.6	218.4	300.7	380.5	460.4	1301.3	2139.9
0.0	62.5°	140.9	152.7	162.1	173.8	251.3	326.5	404.0	479.2	1080.5	1681.8
0.0	65°	162.1	171.5	180.9	190.3	265.4	342.9	418.1	493.3	916.1	1338.9
0.0	67.5°	166.8	176.2	183.2	192.6	270.1	347.6	422.8	500.3	784.5	1066.4
	70°	169.1	180.9	195.0	206.7	286.6	366.4	443.9	523.8	695.3	866.7
	72.5°	162.1	185.6	206.7	227.8	303.0	375.8	451.0	523.8	646.0	768.1
	75°	162.1	195.0	225.5	256.0	312.4	366.4	422.8	476.8	570.8	664.7
	77.5°	171.5	213.8	256.0	298.3	331.2	361.7	394.6	425.2	486.2	547.3
	80°	171.5	216.1	258.4	303.0	317.1	333.5	347.6	361.7	368.8	375.8
	82.5°	148.0	183.2	218.4	253.7	237.2	220.8	204.4	187.9	176.2	162.1
	85°	75.2	82.2	86.9	91.6	84.6	77.5	70.5	63.4	58.7	51.7
	87.5°	30.5	30.5	28.2	28.2	28.2	28.2	25.8	25.8	25.8	25.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
136.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
199.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
209.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
227.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
251.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
288.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
368.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
695.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
941.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1176.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1336.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1456.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1576.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1811.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2280.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3476.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5325.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6703.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6856.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6187.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5289.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4134.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3124.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2306.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1632.5											
1214.4											
883.2											
664.7											
373.5											
169.1											
49.3											
23.5											
0.0											
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REPORT NUMBER: P1064987

CATALOG NUMBER: GLAN-SA9C-930-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°	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2
0.0	2.5°	176.2	173.8	173.8	171.5	169.1	166.8	164.4	162.1	159.7	157.4
0.0	5°	183.2	183.2	183.2	180.9	180.9	178.5	178.5	176.2	173.8	171.5
0.0	7.5°	190.3	192.6	192.6	195.0	195.0	195.0	195.0	192.6	192.6	192.6
0.0	10°	202.0	204.4	206.7	209.1	211.4	213.8	213.8	216.1	216.1	216.1
0.0	12.5°	216.1	223.1	227.8	234.9	239.6	246.6	251.3	258.4	263.1	267.8
0.0	15°	237.2	249.0	263.1	274.8	286.6	303.0	321.8	338.2	354.7	380.5
0.0	17.5°	267.8	305.4	342.9	378.2	415.8	498.0	580.2	660.0	742.3	862.1
0.0	20°	326.5	439.2	549.6	662.4	772.8	1061.7	1348.3	1637.2	1923.8	2231.5
0.0	22.5°	458.0	735.2	1012.4	1289.6	1566.7	2170.4	2771.7	3375.4	3976.7	4683.7
0.0	25°	664.7	1174.5	1684.2	2191.5	2701.3	3645.5	4592.1	5536.4	6480.7	7399.1
0.0	27.5°	967.8	1747.6	2527.4	3304.9	4084.8	5364.9	6647.4	7927.6	9207.7	10246.0
0.0	30°	1341.2	2398.2	3455.3	4512.3	5569.3	7025.6	8481.9	9935.9	11392.2	12526.8
0.0	32.5°	1693.6	2987.8	4282.1	5574.0	6868.2	8526.6	10187.2	11845.6	13503.9	14744.1
0.0	35°	1923.8	3488.1	5054.9	6619.2	8183.6	9978.2	11772.8	13565.0	15359.6	16775.9
0.0	37.5°	2154.0	3960.3	5764.2	7570.6	9374.5	11345.3	13316.0	15286.7	17257.5	19007.4
0.0	40°	2412.3	4531.1	6647.4	8766.1	10882.5	13217.3	15549.8	17884.6	20217.1	22685.8
0.0	42.5°	2861.0	5477.7	8096.7	10713.4	13330.1	16418.9	19507.7	22594.2	25683.0	29206.4
0.0	45°	3704.2	7392.0	11082.2	14770.0	18457.8	22549.6	26643.7	30735.5	34827.4	39515.8
0.0	47.5°	5768.9	10842.6	15913.9	20987.5	26058.9	30477.2	34893.1	39311.4	43727.4	48397.0
0.0	50°	8827.2	14732.4	20637.6	26540.4	32445.6	36443.4	40438.9	44436.8	48432.3	52874.1
0.0	52.5°	11039.9	17191.7	23345.9	29497.7	35649.5	39257.4	42867.7	46475.6	50083.6	54234.1
0.0	55°	11206.7	17323.2	23442.2	29558.7	35675.3	39299.7	42924.1	46548.4	50172.8	54572.3
0.0	57.5°	9921.8	15989.1	22054.0	28121.2	34186.1	38313.1	42437.8	46564.9	50689.6	55446.1
0.0	60°	8439.6	14509.2	20576.5	26646.1	32713.3	37467.5	42224.1	46978.3	51732.5	56188.4
0.0	62.5°	6584.0	12827.4	19073.2	25316.6	31560.0	36387.0	41214.1	46038.7	50865.7	54208.2
0.0	65°	4906.9	10969.4	17032.0	23092.2	29154.7	33021.0	36887.4	40751.3	44617.6	46687.0
0.0	67.5°	3546.9	8775.5	14001.9	19230.6	24456.9	27223.9	29990.9	32755.6	35522.6	37105.8
	70°	2398.2	6020.3	9639.9	13262.0	16881.6	19155.4	21431.5	23705.2	25979.0	28116.5
	72.5°	1660.7	3694.8	5731.4	7765.5	9799.7	12087.5	14373.0	16660.8	18946.3	21208.3
	75°	1101.6	2027.1	2954.9	3880.4	4805.9	6499.4	8195.4	9888.9	11582.5	12930.8
	77.5°	782.2	1059.4	1338.9	1616.1	1893.2	2210.3	2529.8	2846.9	3164.0	3645.5
	80°	371.1	406.4	441.6	474.5	509.7	624.8	739.9	855.0	970.1	1092.2
	82.5°	176.2	190.3	204.4	216.1	230.2	241.9	253.7	265.4	277.2	265.4
	85°	47.0	47.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	47.0
	87.5°	21.1	21.1	21.1	21.1	21.1	21.1	21.1	18.8	18.8	16.4
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
136.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
218.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
408.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
979.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2541.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5390.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8317.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11284.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13663.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15986.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18192.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20759.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25154.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32729.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44204.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53066.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57315.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58384.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58974.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60202.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60641.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57553.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48758.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38691.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30251.7											
23470.4											
14279.1											
4127.0											
1214.4											
251.3											
44.6											
16.4											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2
0.0	2.5°	152.7	150.3	148.0	145.6	143.3	138.6	138.6	136.2	136.2
0.0	5°	166.8	164.4	162.1	159.7	159.7	157.4	155.0	155.0	152.7
0.0	7.5°	190.3	187.9	185.6	183.2	183.2	180.9	180.9	178.5	178.5
0.0	10°	218.4	218.4	218.4	218.4	218.4	216.1	216.1	216.1	213.8
0.0	12.5°	274.8	277.2	281.9	286.6	293.6	293.6	293.6	291.3	291.3
0.0	15°	434.5	460.4	479.2	498.0	514.4	552.0	547.3	540.3	535.6
0.0	17.5°	1099.3	1216.7	1280.2	1341.2	1404.7	1578.5	1550.3	1522.1	1496.3
0.0	20°	2849.2	3156.9	3361.3	3565.7	3772.4	4098.9	4019.0	3939.1	3859.3
0.0	22.5°	6095.4	6802.5	7110.2	7417.9	7723.2	8117.8	7861.8	7605.8	7352.1
0.0	25°	9233.6	10152.0	10671.1	11190.2	11707.0	11932.5	11598.9	11263.0	10929.5
0.0	27.5°	12322.4	13360.6	13818.7	14274.4	14732.4	15204.5	14791.1	14375.4	13961.9
0.0	30°	14798.2	15932.7	16428.3	16921.6	17417.2	17746.0	17318.5	16888.7	16461.2
0.0	32.5°	17226.9	18467.2	19009.8	19552.4	20092.6	20564.7	20038.6	19510.1	18983.9
0.0	35°	19606.4	21022.8	21769.7	22516.7	23263.6	23702.9	23078.1	22450.9	21826.1
0.0	37.5°	22509.6	24259.6	25095.8	25932.0	26768.2	27569.2	26881.0	26190.4	25502.2
0.0	40°	27623.2	30091.9	31374.4	32659.3	33941.8	34975.3	34106.2	33237.1	32368.0
0.0	42.5°	36253.1	39776.5	41620.4	43462.0	45305.9	46919.6	46005.8	45092.1	44178.4
0.0	45°	48892.7	53581.1	55829.0	58074.6	60322.5	61501.6	60186.2	58868.5	57553.1
0.0	47.5°	57734.0	62403.6	64404.9	66406.2	68407.4	69753.4	68144.4	66535.3	64928.7
0.0	50°	61755.3	66197.1	68205.4	70211.4	72219.7	73288.5	71430.5	69570.1	67712.2
0.0	52.5°	62532.8	66683.3	69079.2	71477.5	73873.4	75301.5	73107.6	70911.4	68717.5
0.0	55°	63373.7	67773.2	70552.0	73333.1	76111.9	78089.7	75609.2	73126.4	70645.9
0.0	57.5°	64956.9	69713.4	72485.1	75254.5	78026.2	79705.7	77218.2	74728.4	72240.9
0.0	60°	65097.8	69551.4	71933.2	74317.3	76699.1	77756.1	75376.7	72994.9	70615.4
0.0	62.5°	60895.6	64238.1	65891.7	67545.4	69199.0	70347.6	67864.8	65379.7	62896.9
0.0	65°	50828.2	52897.6	54215.3	55533.0	56850.8	58220.2	55946.4	53672.7	51398.9
0.0	67.5°	40274.5	41857.7	43593.5	45329.3	47065.2	48528.6	46708.2	44885.4	43065.0
	70°	32389.2	34524.3	36476.3	38428.2	40380.2	41578.1	39750.7	37920.9	36093.4
	72.5°	25732.4	27994.4	29624.5	31252.3	32882.5	33176.1	31832.5	30488.9	29147.7
	75°	15625.0	16973.3	17006.1	17036.7	17069.6	17349.1	16235.7	15122.3	14011.3
	77.5°	4608.6	5090.1	5487.1	5881.7	6278.6	6757.8	6349.1	5938.1	5529.3
	80°	1334.2	1456.3	1559.7	1660.7	1764.0	1703.0	1606.7	1510.4	1414.0
	82.5°	239.6	225.5	223.1	220.8	220.8	209.1	190.3	171.5	152.7
	85°	42.3	39.9	37.6	35.2	32.9	30.5	25.8	23.5	18.8
	87.5°	14.1	11.7	9.4	7.0	7.0	2.3	2.3	2.3	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064987

CATALOG NUMBER: GLAN-SA9C-930-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°	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2
0.0	0.0	2.5°	133.9	131.5	131.5	131.5	131.5	129.2	129.2	129.2	129.2
0.0	0.0	5°	148.0	148.0	145.6	145.6	143.3	143.3	140.9	140.9	138.6
0.0	0.0	7.5°	173.8	171.5	169.1	166.8	164.4	159.7	157.4	155.0	155.0
0.0	0.0	10°	209.1	204.4	202.0	197.3	195.0	190.3	185.6	180.9	176.2
0.0	0.0	12.5°	274.8	265.4	258.4	249.0	239.6	232.5	223.1	216.1	206.7
0.0	0.0	15°	476.8	453.3	427.5	397.0	364.1	333.5	300.7	281.9	260.7
0.0	0.0	17.5°	1219.1	1096.9	972.5	871.4	770.4	671.8	570.8	498.0	425.2
0.0	0.0	20°	3102.9	2764.7	2426.4	2092.9	1757.0	1423.4	1087.5	918.4	749.3
0.0	0.0	22.5°	5839.4	5212.2	4582.7	3974.4	3363.6	2755.3	2146.9	1764.0	1383.5
0.0	0.0	25°	9012.8	8223.5	7434.3	6433.7	5430.7	4430.1	3429.4	2807.0	2184.5
0.0	0.0	27.5°	11728.1	10819.1	9910.1	8693.3	7476.6	6259.9	5043.1	4115.3	3189.8
0.0	0.0	30°	14079.4	13102.2	12125.1	10708.7	9292.3	7875.9	6459.5	5299.2	4138.8
0.0	0.0	32.5°	16118.3	14948.5	13778.7	12317.7	10856.7	9395.7	7934.6	6511.2	5087.7
0.0	0.0	35°	18469.5	17104.8	15737.7	14117.0	12493.9	10873.1	9252.4	7645.7	6036.7
0.0	0.0	37.5°	21457.3	19782.6	18105.4	16299.1	14492.8	12688.8	10882.5	9045.7	7208.8
0.0	0.0	40°	27176.9	25015.9	22854.9	20560.0	18262.8	15967.9	13673.0	11418.1	9163.1
0.0	0.0	42.5°	37425.3	34505.6	31585.9	28532.3	25476.3	22422.7	19366.8	16186.4	13003.6
0.0	0.0	45°	48991.3	45369.3	41744.9	38317.8	34888.4	31461.4	28034.3	23670.0	19305.7
0.0	0.0	47.5°	55495.4	51584.5	47673.6	44429.7	41185.9	37942.0	34698.2	29993.3	25288.4
0.0	0.0	50°	57889.0	53907.6	49926.2	46940.7	43952.9	40967.4	37979.6	33267.7	28553.4
0.0	0.0	52.5°	58398.7	54337.4	50276.2	47271.9	44267.6	41265.7	38261.5	33580.1	28898.7
0.0	0.0	55°	59446.3	55089.1	50729.5	47304.8	43880.1	40455.4	37030.6	32274.1	27517.5
0.0	0.0	57.5°	60815.7	56348.1	51880.5	47978.9	44077.4	40178.2	36276.6	31076.1	25875.6
0.0	0.0	60°	60456.4	56568.9	52679.1	48500.4	44319.3	40140.6	35959.5	30239.9	24518.0
0.0	0.0	62.5°	54217.6	51121.8	48023.6	44587.1	41148.3	37711.8	34275.4	28386.6	22497.9
0.0	0.0	65°	44603.5	42343.9	40084.2	37319.6	34552.5	31787.9	29023.2	23742.8	18464.8
0.0	0.0	67.5°	36149.8	33603.6	31055.0	28851.7	26646.1	24442.8	22237.2	18081.9	13926.7
		70°	28720.2	25950.8	23179.1	21027.5	18873.5	16721.9	14570.3	11808.0	9048.0
		72.5°	22808.0	20311.1	17814.2	15519.3	13222.0	10927.1	8629.9	6997.4	5364.9
		75°	10901.3	9903.0	8904.7	7704.4	6504.1	5303.8	4103.6	3391.8	2682.5
		77.5°	4040.1	3502.2	2962.0	2473.4	1984.8	1498.6	1010.0	925.5	840.9
		80°	1045.3	911.4	775.1	678.8	580.2	483.9	387.6	350.0	314.8
		82.5°	119.8	110.4	103.4	98.7	91.6	86.9	79.9	72.8	65.8
		85°	7.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064987

CATALOG NUMBER: GLAN-SA9C-930-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	136.2	136.2
0.0	0.0	2.5°	126.8	124.5
0.0	0.0	5°	133.9	131.5
0.0	0.0	7.5°	148.0	143.3
0.0	0.0	10°	162.1	157.4
0.0	0.0	12.5°	183.2	176.2
0.0	0.0	15°	206.7	192.6
0.0	0.0	17.5°	246.6	216.1
0.0	0.0	20°	333.5	256.0
0.0	0.0	22.5°	469.8	319.5
0.0	0.0	25°	690.6	441.6
0.0	0.0	27.5°	960.7	587.2
0.0	0.0	30°	1277.8	735.2
0.0	0.0	32.5°	1557.3	876.1
0.0	0.0	35°	1921.4	1019.4
0.0	0.0	37.5°	2370.1	1202.6
0.0	0.0	40°	3065.3	1479.8
0.0	0.0	42.5°	4317.3	1991.9
0.0	0.0	45°	7011.5	3443.5
0.0	0.0	47.5°	10788.6	5696.1
0.0	0.0	50°	13198.5	7269.9
0.0	0.0	52.5°	13395.9	7258.1
0.0	0.0	55°	12228.4	6452.5
0.0	0.0	57.5°	10433.9	5393.1
0.0	0.0	60°	8672.2	4265.6
0.0	0.0	62.5°	6833.0	2945.5
0.0	0.0	65°	4993.8	2083.5
0.0	0.0	67.5°	3586.8	1557.3
		70°	2358.3	1193.2
		72.5°	1536.2	972.5
		75°	1033.5	805.7
		77.5°	603.7	535.6
		80°	213.8	187.9
		82.5°	39.9	28.2
		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: P1064987

CATALOG NUMBER: GLAN-SA9C-930-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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

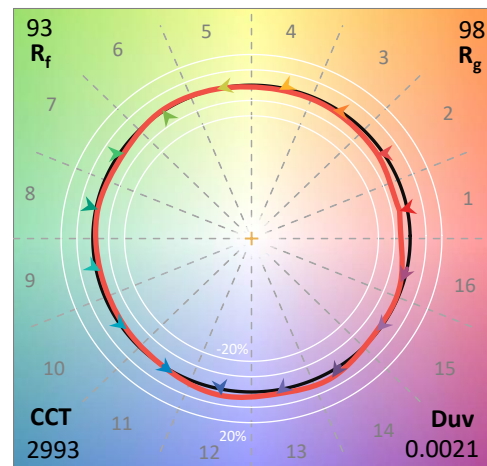
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-14
 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-930-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2993
 CIE u' : 0.2501
 CIE v' : 0.5245
 Duv: 0.0021
 CIE x: 0.4406
 CIE y: 0.4107
 CIE z: 0.1487
 Peak Wavelength (nm): 621
 Dominant Wavelength (nm): 582
 Purity: 55.53327
 R_f: 92.6
 R_g: 98.5

CRI (Ra): 92.4
 R1: 92.2
 R2: 95.2
 R3: 97.0
 R4: 93.1
 R5: 91.7
 R6: 94.2
 R7: 93.3
 R8: 82.3
 R9: 58.2
 R10: 87.7
 R11: 93.5
 R12: 81.7
 R13: 92.9
 R14: 97.6
 R15: 88.1



Test Conditions

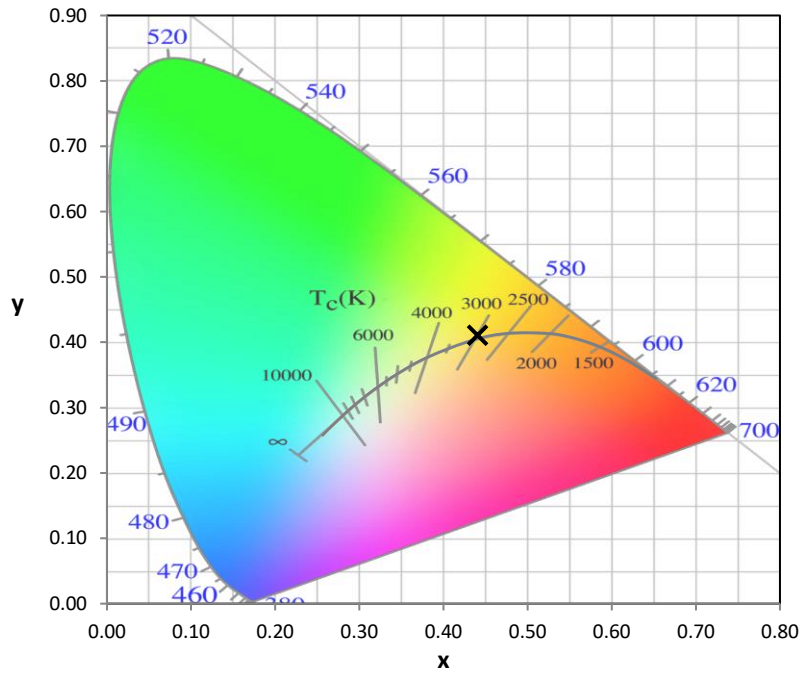
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

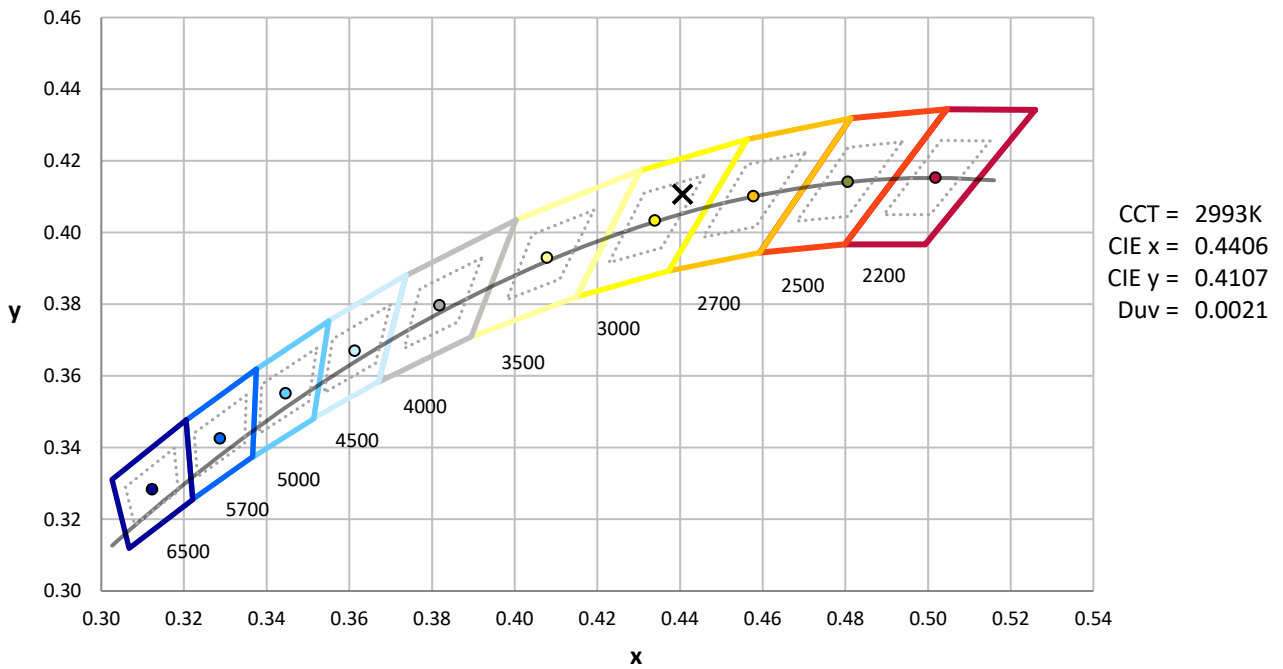
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



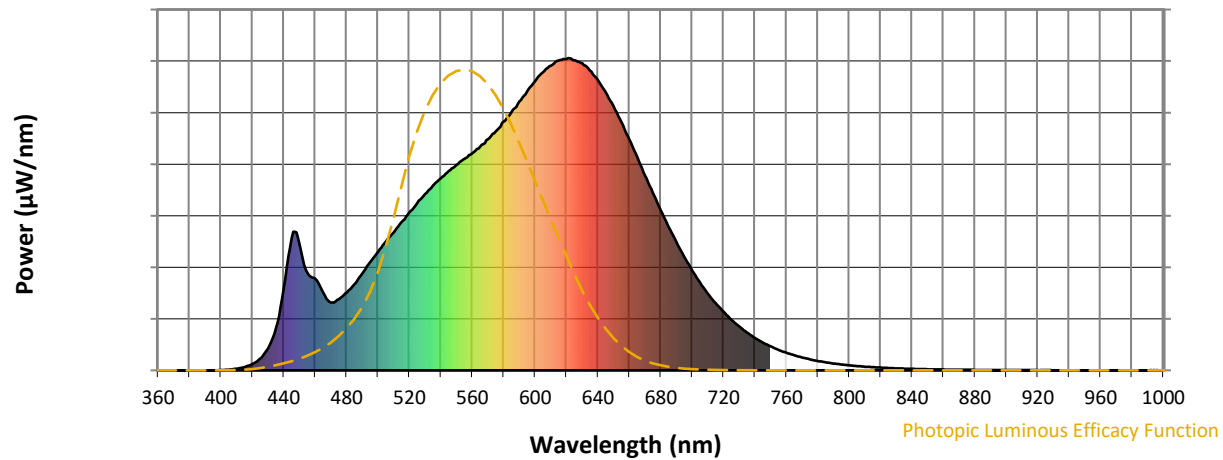
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

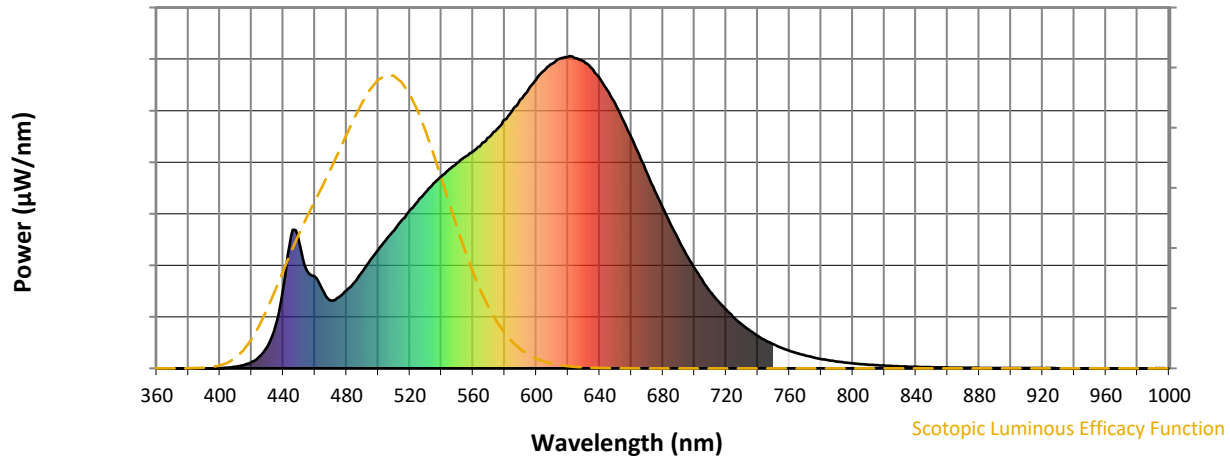


Photopic Lumens: NR

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength



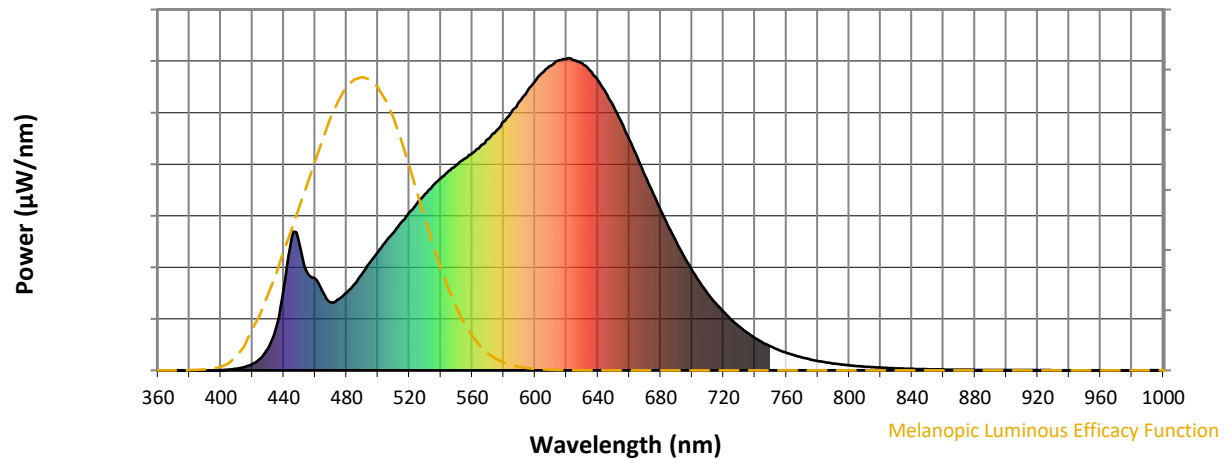
Scotopic Lumens: NR

S/P: 1.39

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.69

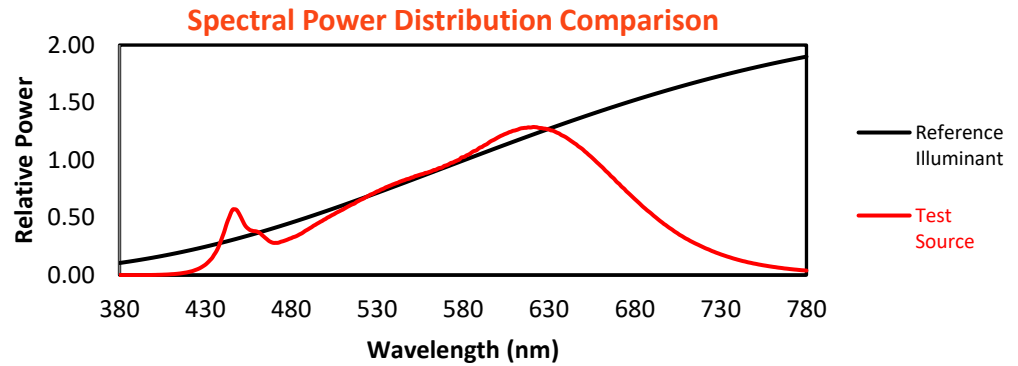
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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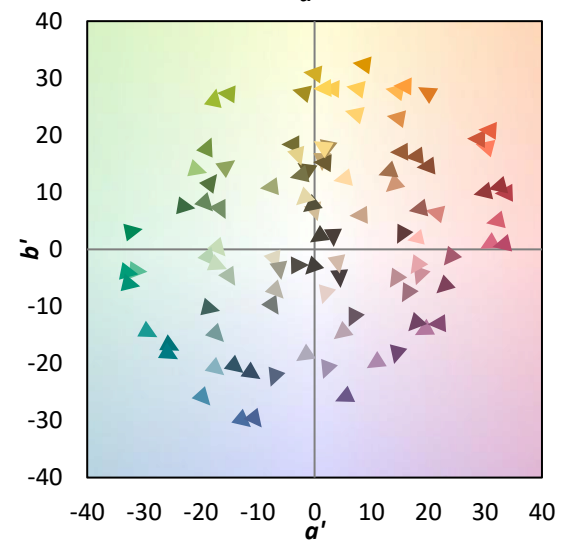
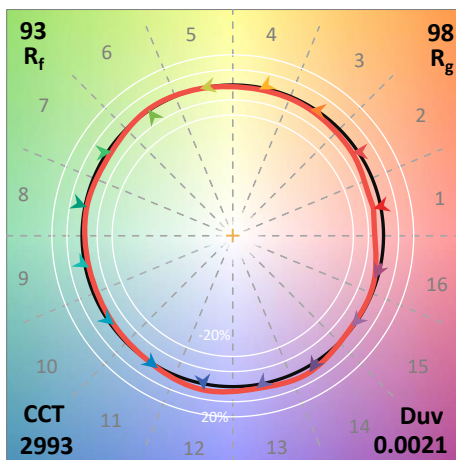
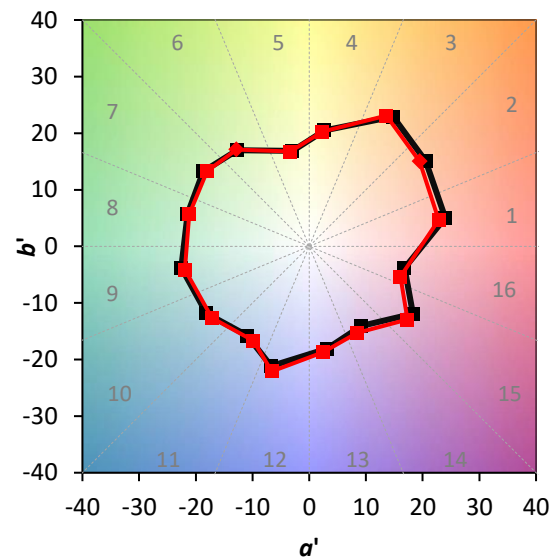
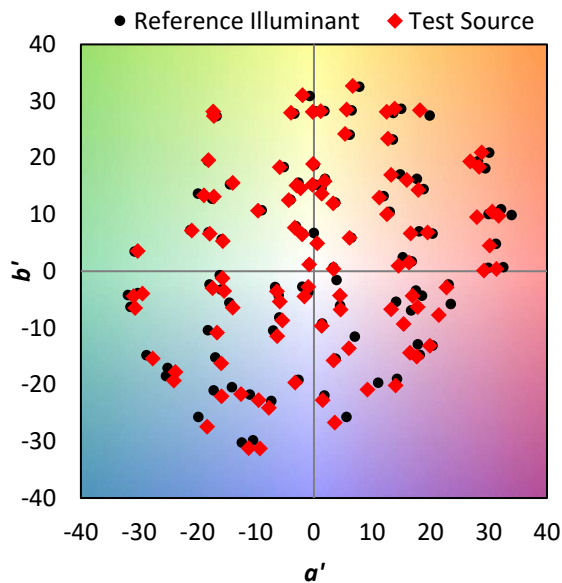
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $CIE R_a = 92.4$
 $R_9 = 58.2$

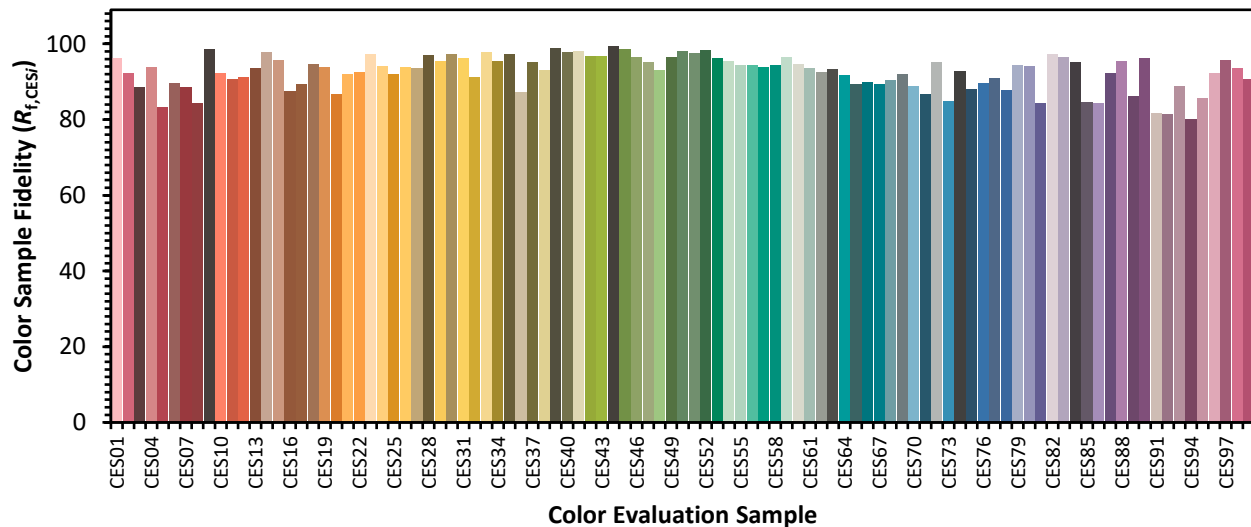


Color Vector Graphics

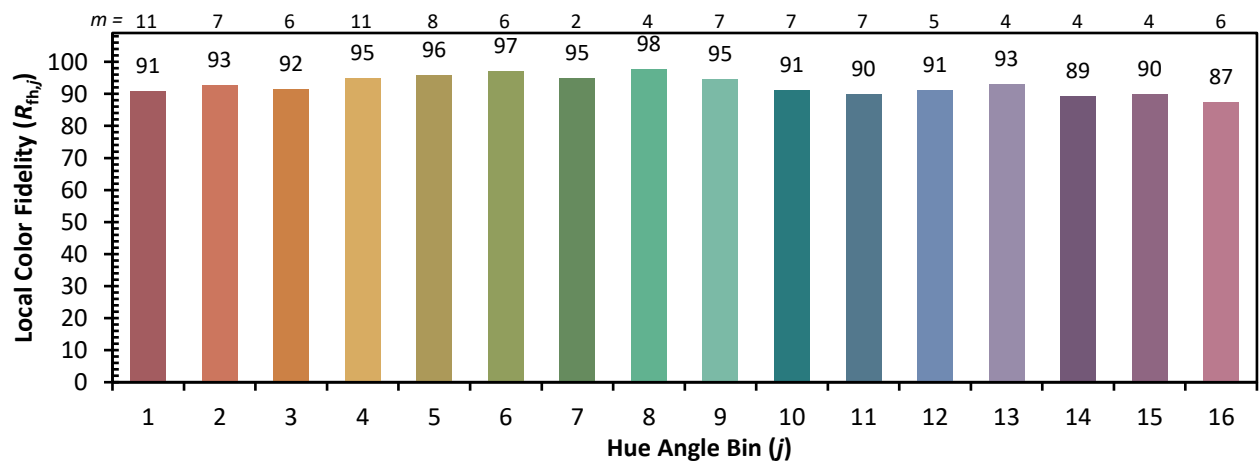
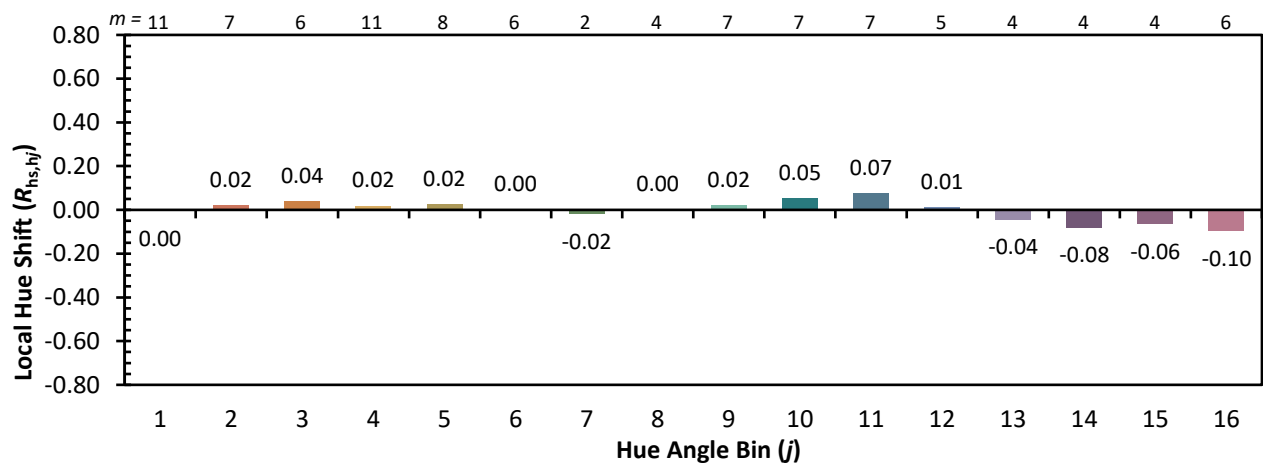
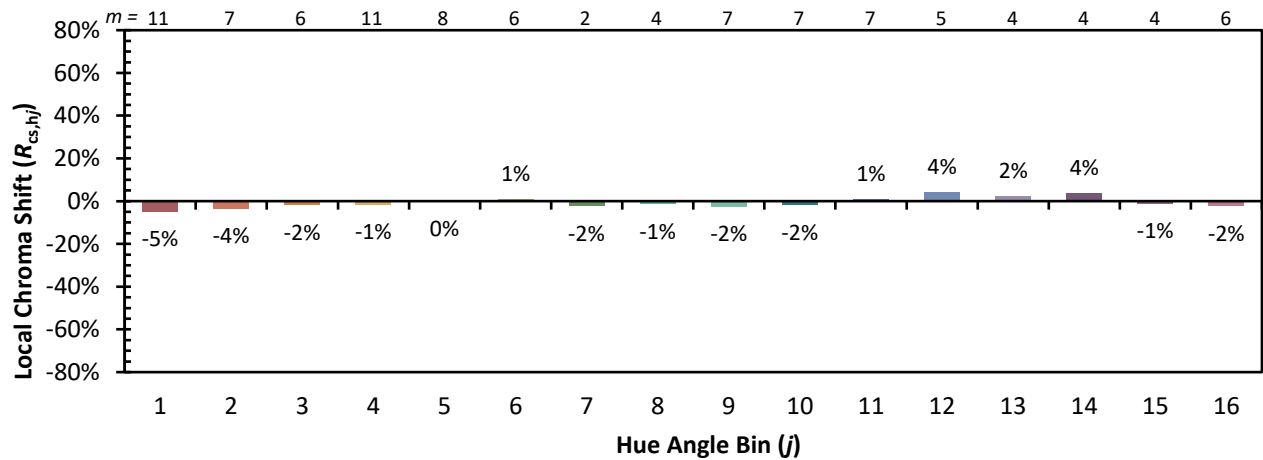


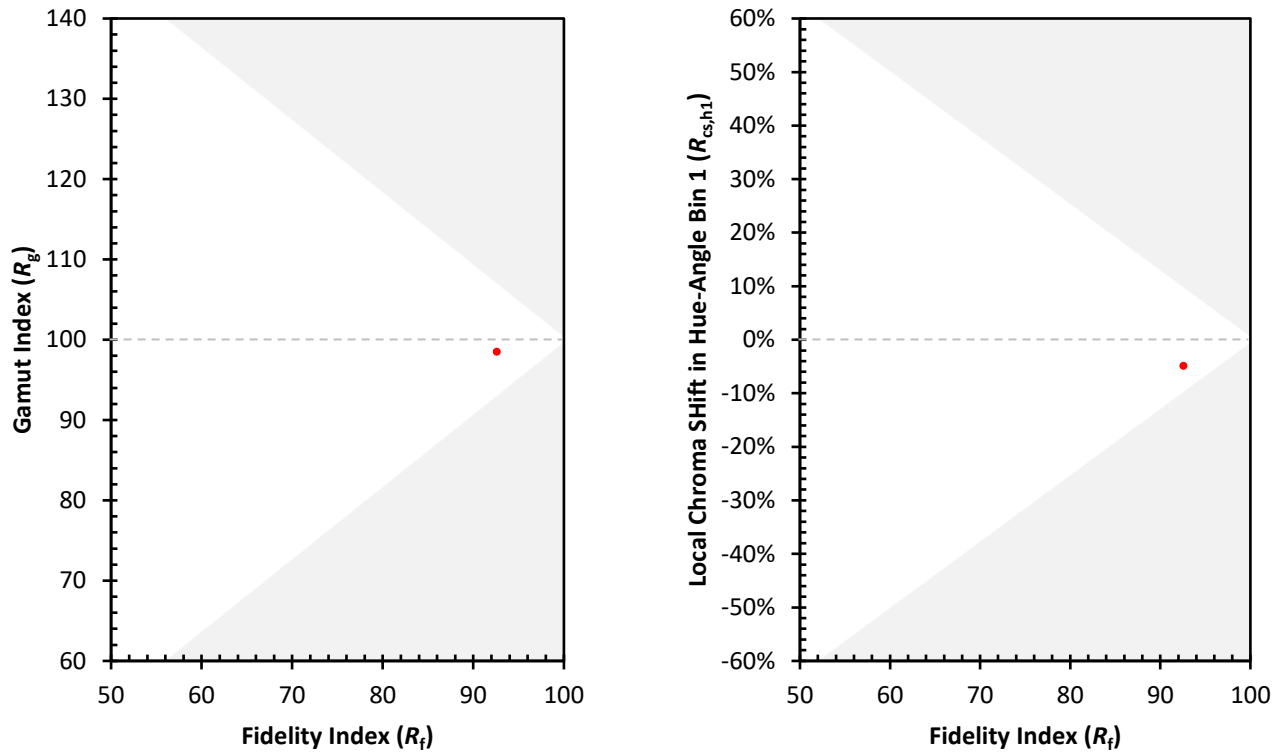
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)