

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: P1064513

Luminaire Tested: **GLAN-SA8A-740-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1064513
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA8A-740-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
70CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26065 lumens
Efficiency: N/A
Efficacy: 119.8 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): 217.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

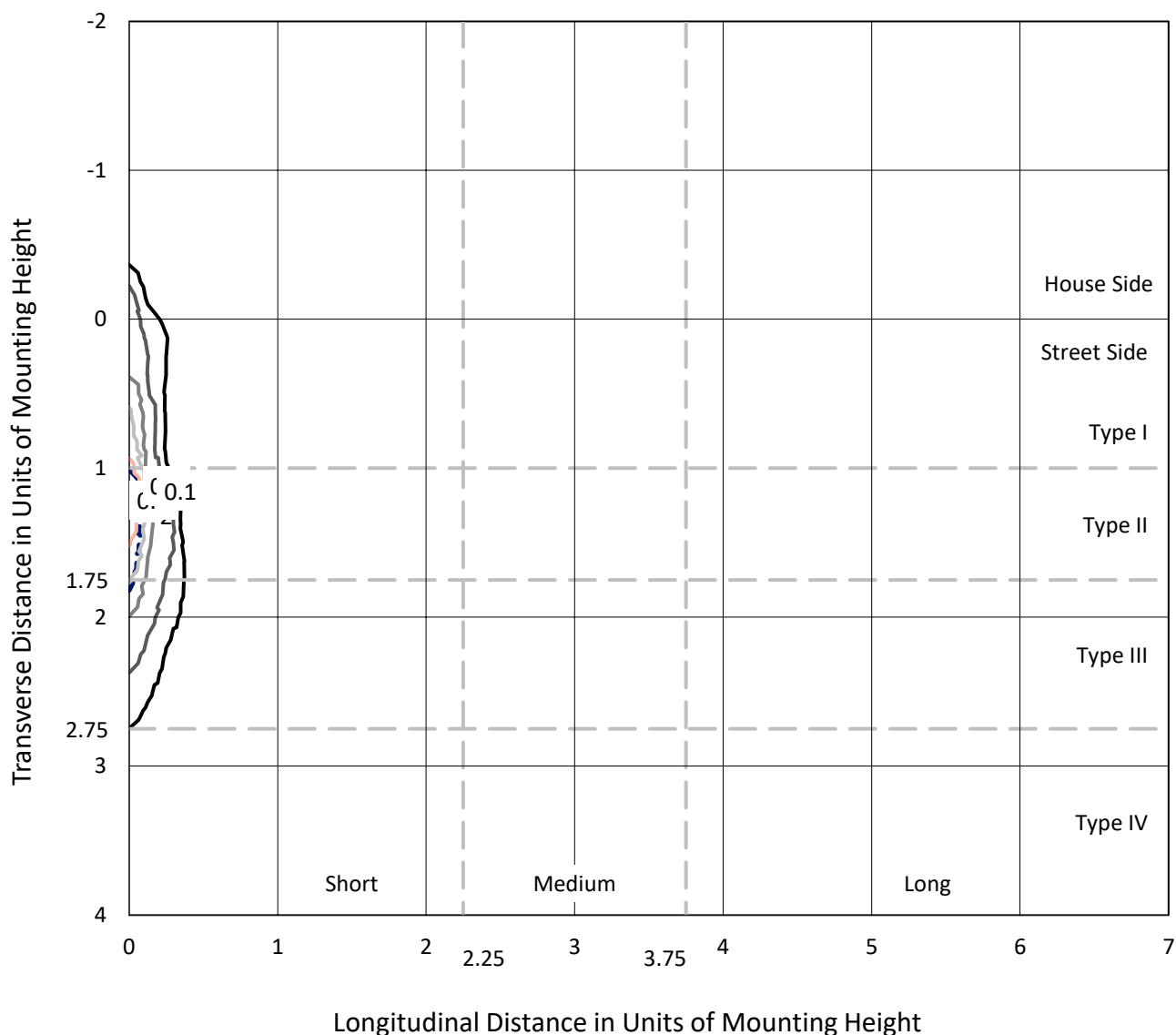
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

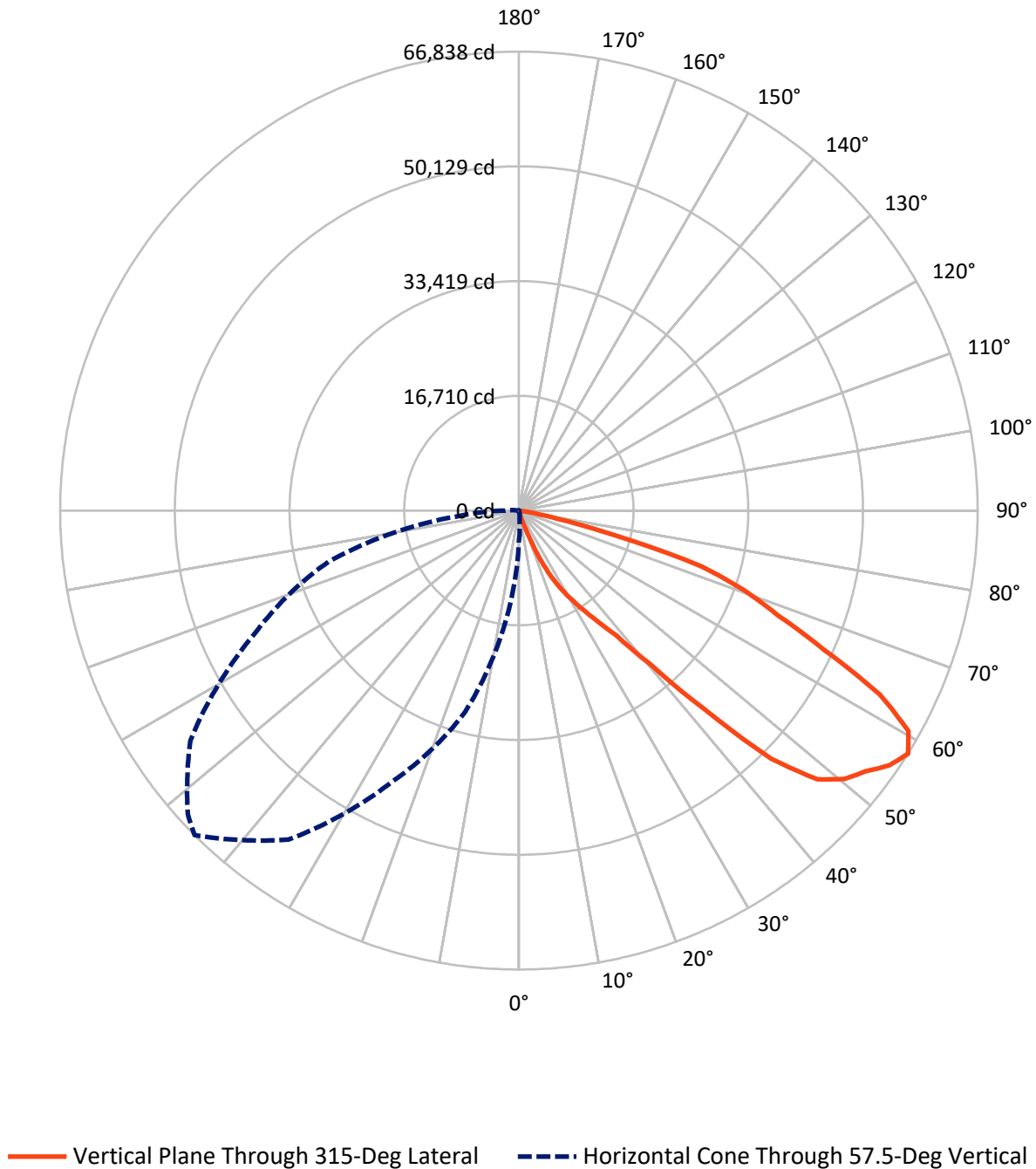


Based on 20 foot mounting height. Maximum calculated value = 3.8 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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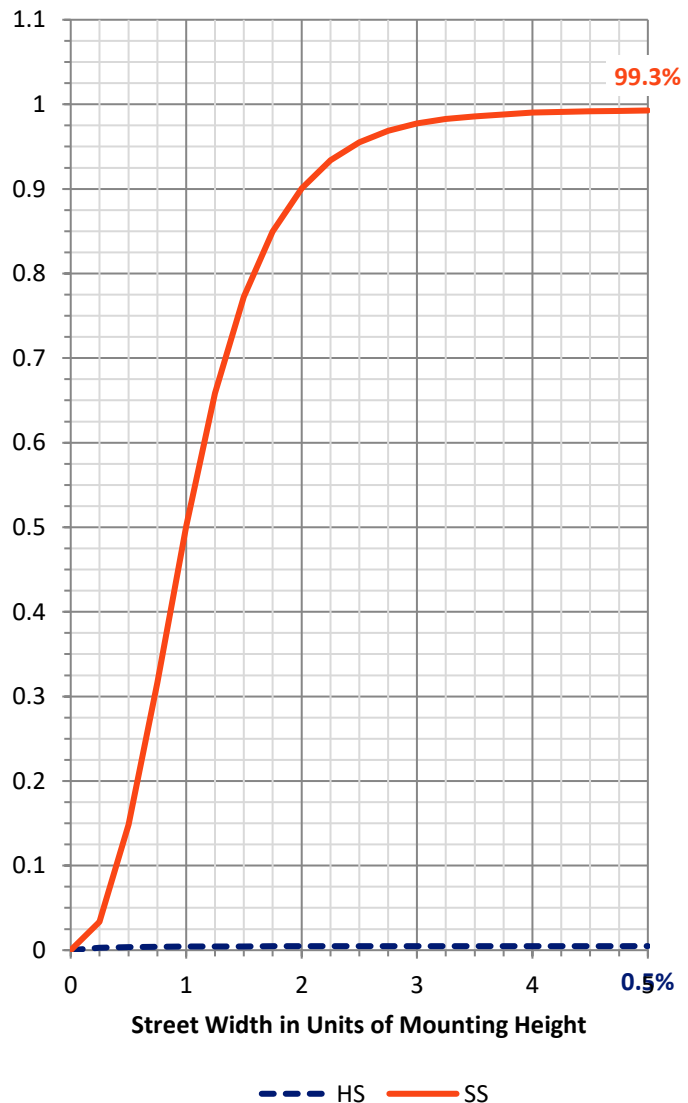
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	130.5	0.0	130.5
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	25934.5	0.0	25934.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	26065.0	0.0	26065.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.2	0.0
10°-20°	57.3	0.2
20°-30°	617.7	2.4
30°-40°	1826.7	7.0
40°-50°	5444.0	20.9
50°-60°	8632.1	33.1
60°-70°	7205.7	27.6
70°-80°	2222.0	8.5
80°-90°	49.4	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	26065.0	100.0
0°-180°	26065.0	100.0



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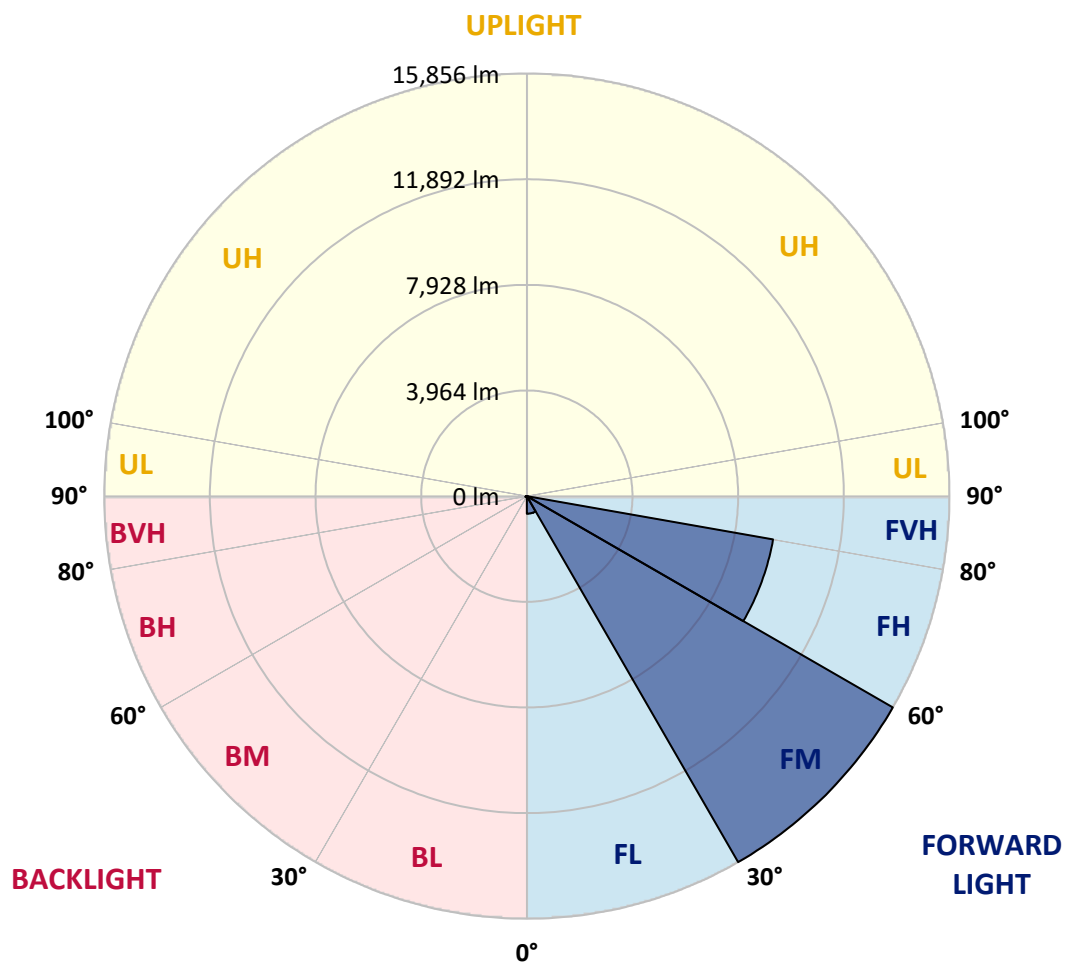
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	661.2	2.5			
FM	(30°-60°)	15856.1	60.8			
FH	(60°-80°)	9379.0	36.0			G4/12000
FVH	(80°-90°)	38.2	0.1			G1/100
BL	(0°-30°)	24.0	0.1	B0/110		
BM	(30°-60°)	46.7	0.2	B0/220		
BH	(60°-80°)	48.7	0.2	B0/110		G0/110
BVH	(80°-90°)	11.2	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°	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2
2.5°	104.4	104.4	104.4	104.4	102.4	102.4	100.5	100.5	98.5	98.5
5°	110.3	110.3	108.3	106.4	106.4	104.4	102.4	100.5	100.5	98.5
7.5°	120.2	118.2	116.2	114.2	110.3	108.3	104.4	102.4	100.5	96.5
10°	132.0	128.0	124.1	120.2	116.2	112.3	108.3	106.4	102.4	100.5
12.5°	147.7	141.8	133.9	128.0	124.1	118.2	114.2	110.3	104.4	100.5
15°	161.5	153.6	143.8	135.9	130.0	122.1	116.2	110.3	106.4	100.5
17.5°	181.2	167.4	151.7	141.8	133.9	124.1	114.2	108.3	102.4	94.5
20°	214.7	187.1	157.6	145.8	133.9	122.1	110.3	102.4	96.5	88.6
22.5°	267.9	220.6	173.3	155.6	139.8	122.1	106.4	98.5	90.6	82.7
25°	370.3	285.6	200.9	177.3	153.6	130.0	106.4	96.5	88.6	78.8
27.5°	492.4	366.4	238.3	204.9	173.3	139.8	106.4	94.5	84.7	72.9
30°	616.5	449.1	279.7	236.4	193.0	149.7	106.4	92.6	80.8	67.0
32.5°	734.7	525.9	315.2	263.9	212.7	159.5	108.3	92.6	76.8	61.1
35°	854.9	588.9	321.1	267.9	214.7	159.5	106.4	88.6	72.9	55.2
37.5°	1008.5	659.9	309.2	256.1	204.9	151.7	100.5	84.7	68.9	51.2
40°	1240.9	778.0	315.2	260.0	204.9	149.7	94.5	78.8	65.0	49.2
42.5°	1670.3	1006.5	340.8	277.7	214.7	149.7	86.7	72.9	61.1	47.3
45°	2887.6	1672.3	457.0	362.4	267.9	173.3	78.8	67.0	57.1	45.3
47.5°	4776.6	2799.0	821.4	634.2	449.1	262.0	76.8	67.0	57.1	45.3
50°	6096.3	3565.2	1034.1	795.8	557.4	319.1	80.8	68.9	59.1	47.3
52.5°	6086.4	3620.3	1152.3	884.4	618.5	350.6	84.7	72.9	63.0	51.2
55°	5410.8	3293.4	1173.9	902.1	632.3	360.5	90.6	78.8	67.0	55.2
57.5°	4522.5	2797.0	1071.5	829.2	588.9	346.7	104.4	90.6	78.8	65.0
60°	3577.0	2206.1	835.2	659.9	486.5	311.2	137.9	120.2	104.4	86.7
62.5°	2470.0	1599.4	728.8	585.0	443.2	299.4	157.6	139.8	124.1	106.4
65°	1747.1	1203.5	657.9	535.8	415.6	293.5	171.4	151.7	133.9	114.2
67.5°	1305.9	957.3	606.7	502.3	397.9	293.5	189.1	165.5	143.8	120.2
70°	1000.6	785.9	569.2	484.5	401.8	317.1	232.4	198.9	167.4	133.9
72.5°	815.5	671.7	525.9	464.9	403.8	342.7	281.7	238.3	195.0	149.7
75°	675.6	575.2	474.7	423.5	374.2	323.0	271.8	232.4	195.0	155.6
77.5°	449.1	409.7	368.3	338.8	309.2	277.7	248.2	214.7	183.2	149.7
80°	157.6	151.7	145.8	157.6	169.4	181.2	193.0	169.4	147.7	124.1
82.5°	23.6	21.7	19.7	21.7	23.6	25.6	27.6	29.5	31.5	33.5
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°	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2
0.0	2.5°	96.5	96.5	94.5	94.5	94.5	92.6	92.6	90.6	90.6	90.6
0.0	5°	94.5	94.5	92.6	90.6	88.6	88.6	86.7	84.7	84.7	82.7
0.0	7.5°	92.6	90.6	88.6	86.7	84.7	82.7	80.8	78.8	78.8	76.8
0.0	10°	94.5	90.6	88.6	84.7	82.7	80.8	76.8	74.8	72.9	72.9
0.0	12.5°	90.6	88.6	84.7	80.8	78.8	74.8	72.9	68.9	67.0	67.0
0.0	15°	90.6	86.7	80.8	76.8	72.9	70.9	67.0	63.0	61.1	59.1
0.0	17.5°	84.7	80.8	74.8	70.9	67.0	63.0	59.1	55.2	53.2	51.2
0.0	20°	76.8	72.9	67.0	61.1	57.1	53.2	49.2	45.3	43.3	41.4
0.0	22.5°	68.9	65.0	59.1	53.2	49.2	45.3	39.4	35.5	33.5	29.5
0.0	25°	65.0	59.1	53.2	47.3	41.4	37.4	31.5	25.6	21.7	17.7
0.0	27.5°	55.2	49.2	43.3	37.4	31.5	25.6	19.7	13.8	9.8	7.9
0.0	30°	47.3	41.4	35.5	29.5	21.7	15.8	9.8	2.0	2.0	2.0
0.0	32.5°	39.4	33.5	25.6	19.7	15.8	9.8	5.9	0.0	0.0	0.0
0.0	35°	31.5	25.6	17.7	11.8	9.8	5.9	3.9	0.0	0.0	0.0
0.0	37.5°	27.6	21.7	13.8	5.9	3.9	3.9	2.0	0.0	0.0	0.0
0.0	40°	25.6	17.7	9.8	2.0	2.0	2.0	0.0	0.0	0.0	0.0
0.0	42.5°	25.6	17.7	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	25.6	17.7	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	25.6	17.7	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	27.6	19.7	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	31.5	23.6	15.8	7.9	5.9	3.9	2.0	0.0	0.0	0.0
0.0	55°	39.4	35.5	29.5	25.6	19.7	13.8	5.9	0.0	0.0	0.0
0.0	57.5°	51.2	51.2	49.2	47.3	35.5	23.6	11.8	0.0	0.0	0.0
0.0	60°	68.9	68.9	68.9	68.9	51.2	35.5	17.7	0.0	0.0	0.0
0.0	62.5°	84.7	80.8	74.8	70.9	53.2	35.5	17.7	0.0	0.0	0.0
0.0	65°	84.7	76.8	67.0	57.1	43.3	29.5	13.8	0.0	0.0	0.0
0.0	67.5°	78.8	63.0	45.3	29.5	21.7	15.8	7.9	0.0	0.0	0.0
	70°	78.8	55.2	31.5	7.9	5.9	3.9	2.0	0.0	0.0	0.0
	72.5°	78.8	53.2	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	86.7	59.1	29.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	86.7	59.1	29.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	76.8	51.2	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	25.6	17.7	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2
0.0	2.5°	88.6	88.6	88.6	86.7	86.7	86.7	86.7	84.7	84.7	84.7
0.0	5°	80.8	80.8	78.8	78.8	76.8	76.8	74.8	74.8	72.9	72.9
0.0	7.5°	74.8	72.9	72.9	70.9	68.9	68.9	67.0	67.0	65.0	63.0
0.0	10°	68.9	67.0	67.0	65.0	63.0	61.1	61.1	59.1	57.1	55.2
0.0	12.5°	63.0	61.1	59.1	57.1	55.2	53.2	53.2	51.2	49.2	47.3
0.0	15°	55.2	53.2	51.2	49.2	47.3	45.3	45.3	43.3	41.4	39.4
0.0	17.5°	47.3	45.3	45.3	43.3	41.4	39.4	37.4	33.5	31.5	29.5
0.0	20°	35.5	33.5	31.5	29.5	27.6	23.6	21.7	17.7	13.8	11.8
0.0	22.5°	23.6	19.7	17.7	13.8	9.8	7.9	5.9	2.0	0.0	0.0
0.0	25°	7.9	5.9	3.9	2.0	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: P1064513

CATALOG NUMBER: GLAN-SA8A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064513

CATALOG NUMBER: GLAN-SA8A-740-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2
0.0	2.5°	82.7	82.7	82.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
0.0	5°	70.9	70.9	70.9	68.9	68.9	67.0	67.0	67.0	65.0	65.0
0.0	7.5°	61.1	59.1	59.1	57.1	57.1	55.2	55.2	55.2	53.2	53.2
0.0	10°	51.2	49.2	49.2	47.3	47.3	45.3	45.3	43.3	43.3	41.4
0.0	12.5°	45.3	43.3	41.4	39.4	39.4	37.4	35.5	35.5	33.5	31.5
0.0	15°	35.5	33.5	31.5	29.5	27.6	25.6	23.6	23.6	21.7	19.7
0.0	17.5°	23.6	19.7	17.7	15.8	15.8	13.8	11.8	9.8	7.9	5.9
0.0	20°	5.9	3.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GLAN-SA8A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064513

CATALOG NUMBER: GLAN-SA8A-740-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°	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2
0.0	2.5°	80.8	78.8	78.8	78.8	80.8	80.8	80.8	80.8	80.8	80.8
0.0	5°	65.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
0.0	7.5°	53.2	51.2	51.2	51.2	51.2	49.2	49.2	49.2	49.2	49.2
0.0	10°	41.4	39.4	39.4	39.4	39.4	37.4	37.4	37.4	37.4	37.4
0.0	12.5°	29.5	29.5	27.6	27.6	27.6	25.6	25.6	25.6	25.6	23.6
0.0	15°	17.7	15.8	13.8	13.8	13.8	11.8	11.8	11.8	11.8	9.8
0.0	17.5°	3.9	3.9	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: GLAN-SA8A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064513

CATALOG NUMBER: GLAN-SA8A-740-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2
0.0	2.5°	82.7	82.7	84.7	84.7	86.7	90.6	92.6	94.5	98.5	102.4
0.0	5°	65.0	67.0	67.0	68.9	70.9	72.9	74.8	76.8	80.8	84.7
0.0	7.5°	51.2	51.2	53.2	53.2	55.2	59.1	61.1	63.0	67.0	72.9
0.0	10°	39.4	39.4	41.4	41.4	43.3	47.3	49.2	51.2	55.2	61.1
0.0	12.5°	25.6	27.6	27.6	29.5	31.5	35.5	37.4	39.4	43.3	47.3
0.0	15°	11.8	13.8	13.8	15.8	17.7	21.7	23.6	25.6	29.5	35.5
0.0	17.5°	2.0	2.0	3.9	3.9	5.9	7.9	9.8	11.8	17.7	21.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	7.9
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
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: P1064513

CATALOG NUMBER: GLAN-SA8A-740-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°	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2
0.0	2.5°	108.3	112.3	116.2	120.2	124.1	128.0	130.0	133.9	135.9	137.9
0.0	5°	92.6	96.5	102.4	106.4	110.3	114.2	118.2	120.2	122.1	124.1
0.0	7.5°	80.8	84.7	90.6	94.5	98.5	102.4	106.4	110.3	112.3	114.2
0.0	10°	68.9	74.8	78.8	84.7	88.6	92.6	96.5	100.5	104.4	106.4
0.0	12.5°	55.2	61.1	67.0	70.9	76.8	82.7	86.7	90.6	94.5	98.5
0.0	15°	43.3	49.2	55.2	59.1	65.0	70.9	76.8	80.8	84.7	88.6
0.0	17.5°	31.5	37.4	43.3	47.3	53.2	59.1	63.0	68.9	72.9	76.8
0.0	20°	15.8	21.7	27.6	33.5	39.4	45.3	49.2	55.2	59.1	63.0
0.0	22.5°	2.0	7.9	13.8	17.7	23.6	29.5	33.5	39.4	43.3	47.3
0.0	25°	0.0	2.0	5.9	7.9	9.8	13.8	17.7	21.7	25.6	29.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.0	3.9	7.9	11.8	15.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	3.9
	85°	0.0	0.0	0.0	0.0	0.0	3.9	5.9	9.8	11.8	13.8
	87.5°	0.0	2.0	3.9	5.9	7.9	11.8	15.8	19.7	21.7	23.6
	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: P1064513

CATALOG NUMBER: GLAN-SA8A-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
114.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
2.0											
7.9											
17.7											
25.6											
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REPORT NUMBER: P1064513

CATALOG NUMBER: GLAN-SA8A-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2
0.0	2.5°	139.8	139.8	139.8	139.8	137.9	137.9	137.9	135.9	135.9	133.9
0.0	5°	128.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	128.0	128.0
0.0	7.5°	118.2	120.2	122.1	122.1	124.1	124.1	124.1	122.1	122.1	120.2
0.0	10°	112.3	114.2	114.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2
0.0	12.5°	104.4	106.4	108.3	108.3	110.3	110.3	110.3	110.3	108.3	108.3
0.0	15°	94.5	98.5	100.5	102.4	102.4	104.4	104.4	104.4	104.4	104.4
0.0	17.5°	86.7	90.6	92.6	94.5	94.5	96.5	96.5	98.5	98.5	98.5
0.0	20°	70.9	74.8	76.8	80.8	82.7	84.7	86.7	88.6	88.6	90.6
0.0	22.5°	55.2	59.1	61.1	65.0	67.0	68.9	70.9	72.9	74.8	76.8
0.0	25°	39.4	43.3	45.3	49.2	51.2	53.2	55.2	57.1	57.1	59.1
0.0	27.5°	21.7	25.6	29.5	31.5	35.5	37.4	39.4	41.4	43.3	45.3
0.0	30°	9.8	11.8	13.8	17.7	19.7	21.7	23.6	27.6	29.5	31.5
0.0	32.5°	0.0	0.0	2.0	5.9	7.9	9.8	11.8	13.8	13.8	15.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.9	5.9	7.9
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	3.9	3.9	3.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
	82.5°	9.8	11.8	13.8	13.8	15.8	15.8	15.8	15.8	13.8	13.8
	85°	19.7	21.7	23.6	23.6	25.6	25.6	25.6	25.6	25.6	25.6
	87.5°	27.6	29.5	31.5	31.5	33.5	33.5	33.5	33.5	33.5	33.5
	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: P1064513

CATALOG NUMBER: GLAN-SA8A-740-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
114.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	165°	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	170°	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	175°	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	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0										
0.0										
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0.0										
5.9										
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REPORT NUMBER: P1064513

CATALOG NUMBER: GLAN-SA8A-740-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°	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2
0.0	2.5°	132.0	132.0	130.0	130.0	130.0	130.0	130.0	132.0	133.9	133.9
0.0	5°	126.1	126.1	124.1	124.1	124.1	126.1	126.1	128.0	130.0	132.0
0.0	7.5°	120.2	118.2	118.2	120.2	120.2	122.1	122.1	124.1	126.1	128.0
0.0	10°	116.2	114.2	114.2	114.2	116.2	116.2	118.2	120.2	122.1	124.1
0.0	12.5°	108.3	108.3	108.3	108.3	110.3	110.3	112.3	114.2	118.2	120.2
0.0	15°	104.4	102.4	102.4	102.4	102.4	104.4	104.4	108.3	112.3	114.2
0.0	17.5°	96.5	96.5	94.5	94.5	96.5	96.5	98.5	102.4	106.4	108.3
0.0	20°	88.6	86.7	84.7	84.7	86.7	86.7	88.6	92.6	96.5	98.5
0.0	22.5°	76.8	74.8	74.8	74.8	74.8	76.8	76.8	80.8	86.7	90.6
0.0	25°	61.1	63.0	63.0	65.0	65.0	67.0	68.9	72.9	78.8	82.7
0.0	27.5°	47.3	49.2	49.2	53.2	55.2	57.1	59.1	65.0	70.9	74.8
0.0	30°	35.5	37.4	39.4	41.4	45.3	49.2	53.2	59.1	65.0	68.9
0.0	32.5°	21.7	25.6	27.6	31.5	35.5	39.4	43.3	49.2	57.1	63.0
0.0	35°	15.8	17.7	21.7	23.6	27.6	31.5	35.5	43.3	49.2	57.1
0.0	37.5°	7.9	11.8	15.8	19.7	23.6	27.6	31.5	39.4	47.3	53.2
0.0	40°	5.9	9.8	11.8	15.8	21.7	25.6	29.5	37.4	45.3	53.2
0.0	42.5°	3.9	5.9	7.9	13.8	17.7	23.6	29.5	37.4	45.3	53.2
0.0	45°	3.9	3.9	5.9	11.8	17.7	25.6	31.5	39.4	45.3	53.2
0.0	47.5°	3.9	5.9	7.9	15.8	19.7	25.6	31.5	37.4	45.3	51.2
0.0	50°	5.9	7.9	9.8	17.7	21.7	27.6	31.5	39.4	45.3	53.2
0.0	52.5°	3.9	5.9	7.9	15.8	21.7	29.5	35.5	43.3	51.2	57.1
0.0	55°	2.0	2.0	2.0	11.8	23.6	33.5	45.3	51.2	59.1	65.0
0.0	57.5°	0.0	0.0	0.0	7.9	23.6	37.4	51.2	59.1	67.0	72.9
0.0	60°	0.0	0.0	0.0	7.9	23.6	37.4	51.2	61.1	70.9	80.8
0.0	62.5°	0.0	0.0	0.0	7.9	19.7	31.5	43.3	59.1	76.8	92.6
0.0	65°	0.0	0.0	0.0	5.9	15.8	25.6	35.5	59.1	82.7	104.4
0.0	67.5°	0.0	0.0	0.0	5.9	15.8	23.6	33.5	59.1	82.7	108.3
	70°	0.0	0.0	0.0	5.9	15.8	25.6	35.5	59.1	82.7	106.4
	72.5°	0.0	0.0	0.0	5.9	17.7	27.6	39.4	59.1	78.8	98.5
	75°	0.0	0.0	0.0	7.9	17.7	29.5	41.4	59.1	76.8	92.6
	77.5°	0.0	0.0	0.0	5.9	17.7	27.6	39.4	57.1	74.8	90.6
	80°	5.9	3.9	3.9	9.8	17.7	25.6	33.5	51.2	70.9	88.6
	82.5°	11.8	11.8	9.8	13.8	17.7	23.6	29.5	45.3	63.0	78.8
	85°	23.6	23.6	21.7	23.6	23.6	25.6	27.6	35.5	43.3	51.2
	87.5°	31.5	31.5	29.5	29.5	29.5	27.6	27.6	27.6	27.6	25.6
	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: P1064513

CATALOG NUMBER: GLAN-SA8A-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
114.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0											
118.2											
110.3											
108.3											
106.4											
94.5											
59.1											
25.6											
0.0											
0.0											
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REPORT NUMBER: P1064513

CATALOG NUMBER: GLAN-SA8A-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2
0.0	2.5°	137.9	139.8	139.8	141.8	143.8	145.8	145.8	147.7	147.7	147.7
0.0	5°	135.9	139.8	141.8	143.8	145.8	147.7	149.7	151.7	153.6	153.6
0.0	7.5°	133.9	135.9	139.8	141.8	145.8	147.7	151.7	153.6	155.6	157.6
0.0	10°	130.0	133.9	137.9	141.8	145.8	149.7	153.6	157.6	161.5	163.5
0.0	12.5°	126.1	132.0	135.9	139.8	145.8	151.7	155.6	161.5	165.5	169.4
0.0	15°	124.1	128.0	133.9	137.9	145.8	153.6	159.5	167.4	175.3	181.2
0.0	17.5°	118.2	126.1	132.0	137.9	145.8	155.6	163.5	171.4	183.2	195.0
0.0	20°	110.3	116.2	124.1	130.0	141.8	151.7	163.5	173.3	191.1	208.8
0.0	22.5°	102.4	110.3	116.2	124.1	137.9	149.7	163.5	175.3	204.9	232.4
0.0	25°	94.5	104.4	112.3	120.2	135.9	151.7	167.4	183.2	232.4	281.7
0.0	27.5°	90.6	98.5	108.3	116.2	135.9	157.6	177.3	197.0	275.8	352.6
0.0	30°	84.7	94.5	102.4	112.3	137.9	163.5	189.1	214.7	334.9	455.0
0.0	32.5°	78.8	88.6	98.5	108.3	141.8	175.3	206.8	240.3	397.9	553.5
0.0	35°	72.9	84.7	94.5	104.4	147.7	193.0	236.4	279.7	455.0	628.3
0.0	37.5°	70.9	82.7	92.6	102.4	149.7	195.0	242.3	287.6	460.9	634.2
0.0	40°	72.9	82.7	94.5	104.4	143.8	183.2	220.6	260.0	441.2	620.5
0.0	42.5°	72.9	84.7	96.5	108.3	139.8	171.4	202.9	234.4	435.3	636.2
0.0	45°	70.9	82.7	94.5	106.4	135.9	163.5	193.0	220.6	470.8	718.9
0.0	47.5°	68.9	80.8	92.6	104.4	133.9	163.5	193.0	222.6	608.6	992.7
0.0	50°	68.9	80.8	90.6	100.5	135.9	173.3	208.8	244.2	886.4	1526.5
0.0	52.5°	72.9	82.7	90.6	98.5	139.8	183.2	224.5	265.9	1126.7	1985.5
0.0	55°	78.8	84.7	92.6	98.5	149.7	198.9	250.2	299.4	1199.6	2099.7
0.0	57.5°	86.7	92.6	98.5	104.4	167.4	230.5	291.5	354.5	1205.5	2054.4
0.0	60°	96.5	104.4	110.3	116.2	183.2	252.1	319.1	386.1	1091.2	1794.4
0.0	62.5°	118.2	128.0	135.9	145.8	210.8	273.8	338.8	401.8	906.1	1410.3
0.0	65°	135.9	143.8	151.7	159.5	222.6	287.6	350.6	413.6	768.2	1122.7
0.0	67.5°	139.8	147.7	153.6	161.5	226.5	291.5	354.5	419.5	657.9	894.2
	70°	141.8	151.7	163.5	173.3	240.3	307.3	372.3	439.2	583.0	726.8
	72.5°	135.9	155.6	173.3	191.1	254.1	315.2	378.2	439.2	541.7	644.1
	75°	135.9	163.5	189.1	214.7	262.0	307.3	354.5	399.9	478.6	557.4
	77.5°	143.8	179.2	214.7	250.2	277.7	303.3	330.9	356.5	407.7	458.9
	80°	143.8	181.2	216.7	254.1	265.9	279.7	291.5	303.3	309.2	315.2
	82.5°	124.1	153.6	183.2	212.7	198.9	185.2	171.4	157.6	147.7	135.9
	85°	63.0	68.9	72.9	76.8	70.9	65.0	59.1	53.2	49.2	43.3
	87.5°	25.6	25.6	23.6	23.6	23.6	23.6	21.7	21.7	21.7	21.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1064513

CATALOG NUMBER: GLAN-SA8A-740-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
114.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
242.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
309.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
419.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
789.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
986.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1120.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1221.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1321.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1518.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1912.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2915.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4465.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5621.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5749.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5188.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4435.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3466.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2619.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1934.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1368.9											
1018.3											
740.6											
557.4											
313.2											
141.8											
41.4											
19.7											
0.0											
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REPORT NUMBER: P1064513

CATALOG NUMBER: GLAN-SA8A-740-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°	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2
0.0	2.5°	147.7	145.8	145.8	143.8	141.8	139.8	137.9	135.9	133.9	132.0
0.0	5°	153.6	153.6	153.6	151.7	151.7	149.7	149.7	147.7	145.8	143.8
0.0	7.5°	159.5	161.5	161.5	163.5	163.5	163.5	163.5	161.5	161.5	161.5
0.0	10°	169.4	171.4	173.3	175.3	177.3	179.2	179.2	181.2	181.2	181.2
0.0	12.5°	181.2	187.1	191.1	197.0	200.9	206.8	210.8	216.7	220.6	224.5
0.0	15°	198.9	208.8	220.6	230.5	240.3	254.1	269.9	283.6	297.4	319.1
0.0	17.5°	224.5	256.1	287.6	317.1	348.6	417.6	486.5	553.5	622.4	722.9
0.0	20°	273.8	368.3	460.9	555.5	648.0	890.3	1130.6	1372.9	1613.2	1871.2
0.0	22.5°	384.1	616.5	848.9	1081.4	1313.8	1820.0	2324.3	2830.5	3334.7	3927.6
0.0	25°	557.4	984.9	1412.3	1837.7	2265.2	3057.0	3850.8	4642.6	5434.4	6204.6
0.0	27.5°	811.5	1465.5	2119.4	2771.4	3425.3	4498.8	5574.3	6647.8	7721.3	8591.9
0.0	30°	1124.7	2011.1	2897.4	3783.8	4670.2	5891.4	7112.6	8331.9	9553.1	10504.5
0.0	32.5°	1420.2	2505.5	3590.8	4674.1	5759.4	7150.1	8542.6	9933.3	11323.9	12363.9
0.0	35°	1613.2	2925.0	4238.8	5550.6	6862.5	8367.3	9872.2	11375.1	12879.9	14067.7
0.0	37.5°	1806.2	3320.9	4833.7	6348.4	7861.1	9513.7	11166.3	12818.9	14471.5	15938.9
0.0	40°	2022.9	3799.6	5574.3	7351.0	9125.7	11083.6	13039.5	14997.4	16953.3	19023.5
0.0	42.5°	2399.1	4593.4	6789.6	8983.9	11178.1	13768.3	16358.5	18946.7	21536.8	24491.4
0.0	45°	3106.2	6198.7	9293.1	12385.5	15478.0	18909.2	22342.4	25773.7	29204.9	33136.5
0.0	47.5°	4837.6	9092.2	13344.8	17599.4	21852.0	25557.0	29260.1	32965.1	36668.2	40583.9
0.0	50°	7402.2	12354.0	17305.9	22255.8	27207.6	30560.1	33910.6	37263.0	40613.5	44338.2
0.0	52.5°	9257.6	14416.3	19577.0	24735.6	29894.3	32919.8	35947.2	38972.7	41998.2	45478.7
0.0	55°	9397.5	14526.6	19657.7	24786.9	29916.0	32955.3	35994.5	39033.8	42073.1	45762.3
0.0	57.5°	8320.1	13407.8	18493.6	23581.4	28667.2	32128.0	35586.8	39047.6	42506.4	46495.1
0.0	60°	7077.2	12166.9	17254.7	22344.4	27432.2	31418.9	35407.5	39394.2	43380.9	47117.5
0.0	62.5°	5521.1	10756.6	15994.1	21229.6	26465.1	30512.8	34560.6	38606.4	42654.1	45457.0
0.0	65°	4114.7	9198.6	14282.4	19364.2	24448.1	27690.2	30932.4	34172.5	37414.7	39150.0
0.0	67.5°	2974.3	7358.8	11741.5	16126.0	20508.6	22829.0	25149.3	27467.6	29788.0	31115.5
	70°	2011.1	5048.4	8083.7	11121.0	14156.3	16063.0	17971.7	19878.3	21785.0	23577.5
	72.5°	1392.6	3098.4	4806.1	6511.9	8217.6	10136.1	12052.7	13971.2	15887.7	17784.5
	75°	923.8	1699.9	2477.9	3254.0	4030.0	5450.2	6872.3	8292.5	9712.7	10843.3
	77.5°	655.9	888.3	1122.7	1355.2	1587.6	1853.5	2121.4	2387.3	2653.2	3057.0
	80°	311.2	340.8	370.3	397.9	427.4	523.9	620.5	717.0	813.5	915.9
	82.5°	147.7	159.5	171.4	181.2	193.0	202.9	212.7	222.6	232.4	222.6
	85°	39.4	39.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	39.4
	87.5°	17.7	17.7	17.7	17.7	17.7	17.7	17.7	15.8	15.8	13.8
	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):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
114.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
226.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
342.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
821.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2131.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4520.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6974.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9462.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11457.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13405.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15255.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17408.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21093.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27446.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37068.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44499.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48062.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48959.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49453.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50483.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50852.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48261.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40887.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32445.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25367.9											
19681.4											
11973.9											
3460.8											
1018.3											
210.8											
37.4											
13.8											
0.0											
0.0											
0.0											
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CATALOG NUMBER: GLAN-SA8A-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2
0.0	2.5°	128.0	126.1	124.1	122.1	120.2	116.2	116.2	114.2	114.2
0.0	5°	139.8	137.9	135.9	133.9	133.9	132.0	130.0	130.0	128.0
0.0	7.5°	159.5	157.6	155.6	153.6	153.6	151.7	151.7	149.7	149.7
0.0	10°	183.2	183.2	183.2	183.2	183.2	181.2	181.2	181.2	179.2
0.0	12.5°	230.5	232.4	236.4	240.3	246.2	246.2	246.2	244.2	244.2
0.0	15°	364.4	386.1	401.8	417.6	431.4	462.9	458.9	453.0	449.1
0.0	17.5°	921.8	1020.3	1073.5	1124.7	1177.9	1323.6	1300.0	1276.4	1254.7
0.0	20°	2389.3	2647.3	2818.7	2990.0	3163.4	3437.1	3370.2	3303.2	3236.2
0.0	22.5°	5111.4	5704.3	5962.3	6220.4	6476.4	6807.3	6592.6	6377.9	6165.2
0.0	25°	7742.9	8513.1	8948.4	9383.7	9817.0	10006.1	9726.4	9444.8	9165.1
0.0	27.5°	10333.1	11203.7	11587.8	11969.9	12354.0	12749.9	12403.3	12054.6	11708.0
0.0	30°	12409.2	13360.6	13776.2	14189.8	14605.4	14881.2	14522.7	14162.2	13803.7
0.0	32.5°	14445.9	15485.9	15940.9	16395.9	16848.9	17244.8	16803.6	16360.4	15919.2
0.0	35°	16441.2	17628.9	18255.3	18881.7	19508.0	19876.4	19352.4	18826.5	18302.6
0.0	37.5°	18875.8	20343.2	21044.4	21745.6	22446.8	23118.5	22541.4	21962.3	21385.2
0.0	40°	23163.8	25234.0	26309.4	27386.9	28462.3	29329.0	28600.2	27871.4	27142.6
0.0	42.5°	30400.5	33355.1	34901.3	36445.6	37991.8	39345.0	38578.8	37812.6	37046.3
0.0	45°	40999.6	44931.1	46816.1	48699.2	50584.2	51573.0	50469.9	49364.9	48261.9
0.0	47.5°	48413.6	52329.3	54007.5	55685.7	57363.9	58492.6	57143.3	55794.1	54446.8
0.0	50°	51785.7	55510.4	57194.5	58876.7	60560.8	61457.0	59898.9	58338.9	56780.9
0.0	52.5°	52437.7	55918.2	57927.3	59938.3	61947.4	63145.0	61305.3	59463.6	57623.9
0.0	55°	53142.8	56832.1	59162.3	61494.4	63824.6	65483.1	63403.1	61321.1	59241.1
0.0	57.5°	54470.4	58459.1	60783.3	63105.6	65429.9	66838.2	64752.3	62664.4	60578.5
0.0	60°	54588.6	58323.2	60320.5	62319.7	64317.0	65203.4	63208.1	61210.8	59215.5
0.0	62.5°	51064.8	53867.7	55254.4	56641.0	58027.7	58990.9	56908.9	54825.0	52743.0
0.0	65°	42622.6	44357.9	45462.9	46567.9	47672.9	48821.3	46914.6	45007.9	43101.2
0.0	67.5°	33772.7	35100.3	36555.9	38011.5	39467.1	40694.3	39167.7	37639.2	36112.7
	70°	27160.4	28950.8	30587.7	32224.5	33861.3	34865.9	33333.4	31799.0	30266.6
	72.5°	21578.2	23475.0	24842.0	26207.0	27574.0	27820.2	26693.5	25566.9	24442.2
	75°	13102.5	14233.1	14260.7	14286.3	14313.9	14548.3	13614.6	12681.0	11749.3
	77.5°	3864.6	4268.4	4601.2	4932.2	5265.0	5666.9	5324.1	4979.4	4636.7
	80°	1118.8	1221.2	1307.9	1392.6	1479.3	1428.0	1347.3	1266.5	1185.8
	82.5°	200.9	189.1	187.1	185.2	185.2	175.3	159.5	143.8	128.0
	85°	35.5	33.5	31.5	29.5	27.6	25.6	21.7	19.7	15.8
	87.5°	11.8	9.8	7.9	5.9	5.9	2.0	2.0	2.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GLAN-SA8A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064513

CATALOG NUMBER: GLAN-SA8A-740-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°	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2
0.0	0.0	2.5°	112.3	110.3	110.3	110.3	110.3	108.3	108.3	108.3	108.3
0.0	0.0	5°	124.1	124.1	122.1	122.1	120.2	120.2	118.2	118.2	116.2
0.0	0.0	7.5°	145.8	143.8	141.8	139.8	137.9	133.9	132.0	130.0	130.0
0.0	0.0	10°	175.3	171.4	169.4	165.5	163.5	159.5	155.6	151.7	147.7
0.0	0.0	12.5°	230.5	222.6	216.7	208.8	200.9	195.0	187.1	181.2	173.3
0.0	0.0	15°	399.9	380.2	358.5	332.9	305.3	279.7	252.1	236.4	218.6
0.0	0.0	17.5°	1022.3	919.9	815.5	730.8	646.1	563.3	478.6	417.6	356.5
0.0	0.0	20°	2602.0	2318.4	2034.7	1755.0	1473.3	1193.6	912.0	770.2	628.3
0.0	0.0	22.5°	4896.7	4370.8	3842.9	3332.8	2820.6	2310.5	1800.3	1479.3	1160.2
0.0	0.0	25°	7557.8	6896.0	6234.1	5395.0	4554.0	3714.9	2875.8	2353.8	1831.8
0.0	0.0	27.5°	9834.8	9072.5	8310.2	7289.9	6269.6	5249.3	4229.0	3450.9	2674.9
0.0	0.0	30°	11806.5	10987.1	10167.7	8979.9	7792.2	6604.4	5416.7	4443.7	3470.6
0.0	0.0	32.5°	13516.2	12535.2	11554.3	10329.2	9104.0	7878.8	6653.7	5460.0	4266.4
0.0	0.0	35°	15487.8	14343.4	13197.1	11838.0	10476.9	9117.8	7758.7	6411.4	5062.2
0.0	0.0	37.5°	17993.3	16588.9	15182.5	13667.8	12153.1	10640.4	9125.7	7585.4	6045.0
0.0	0.0	40°	22789.6	20977.4	19165.3	17240.9	15314.5	13390.1	11465.7	9574.8	7683.8
0.0	0.0	42.5°	31383.4	28935.1	26486.7	23926.1	21363.5	18802.9	16240.3	13573.3	10904.3
0.0	0.0	45°	41082.3	38045.0	35005.7	32131.9	29256.1	26382.3	23508.5	19848.8	16189.1
0.0	0.0	47.5°	46536.4	43256.8	39977.3	37257.1	34536.9	31816.8	29096.6	25151.3	21205.9
0.0	0.0	50°	48543.6	45204.9	41866.2	39362.7	36857.3	34353.7	31848.3	27897.0	23943.8
0.0	0.0	52.5°	48971.0	45565.3	42159.7	39640.5	37121.2	34603.9	32084.6	28159.0	24233.4
0.0	0.0	55°	49849.5	46195.7	42539.9	39668.0	36796.2	33924.4	31052.5	27063.8	23075.2
0.0	0.0	57.5°	50997.8	47251.4	43505.0	40233.3	36961.6	33691.9	30420.2	26059.3	21698.3
0.0	0.0	60°	50696.4	47436.6	44174.7	40670.6	37164.5	33660.4	30154.3	25358.1	20559.9
0.0	0.0	62.5°	45464.9	42868.8	40270.8	37389.1	34505.4	31623.7	28742.0	23804.0	18865.9
0.0	0.0	65°	37402.9	35508.0	33613.1	31294.8	28974.5	26656.1	24337.8	19909.8	15483.9
0.0	0.0	67.5°	30313.9	28178.7	26041.6	24194.0	22344.4	20496.8	18647.3	15162.8	11678.4
		70°	24083.7	21761.4	19437.1	17632.9	15826.6	14022.4	12218.1	9901.7	7587.3
		72.5°	19125.9	17032.1	14938.3	13013.9	11087.5	9163.1	7236.7	5867.8	4498.8
		75°	9141.4	8304.3	7467.2	6460.7	5454.1	4447.6	3441.1	2844.3	2249.4
		77.5°	3387.9	2936.8	2483.8	2074.1	1664.4	1256.7	847.0	776.1	705.2
		80°	876.5	764.2	650.0	569.2	486.5	405.8	325.0	293.5	263.9
		82.5°	100.5	92.6	86.7	82.7	76.8	72.9	67.0	61.1	55.2
		85°	5.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064513

CATALOG NUMBER: GLAN-SA8A-740-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	114.2	114.2
0.0	0.0	2.5°	106.4	104.4
0.0	0.0	5°	112.3	110.3
0.0	0.0	7.5°	124.1	120.2
0.0	0.0	10°	135.9	132.0
0.0	0.0	12.5°	153.6	147.7
0.0	0.0	15°	173.3	161.5
0.0	0.0	17.5°	206.8	181.2
0.0	0.0	20°	279.7	214.7
0.0	0.0	22.5°	393.9	267.9
0.0	0.0	25°	579.1	370.3
0.0	0.0	27.5°	805.6	492.4
0.0	0.0	30°	1071.5	616.5
0.0	0.0	32.5°	1305.9	734.7
0.0	0.0	35°	1611.2	854.9
0.0	0.0	37.5°	1987.4	1008.5
0.0	0.0	40°	2570.5	1240.9
0.0	0.0	42.5°	3620.3	1670.3
0.0	0.0	45°	5879.6	2887.6
0.0	0.0	47.5°	9046.9	4776.6
0.0	0.0	50°	11067.8	6096.3
0.0	0.0	52.5°	11233.3	6086.4
0.0	0.0	55°	10254.3	5410.8
0.0	0.0	57.5°	8749.5	4522.5
0.0	0.0	60°	7272.2	3577.0
0.0	0.0	62.5°	5729.9	2470.0
0.0	0.0	65°	4187.6	1747.1
0.0	0.0	67.5°	3007.8	1305.9
		70°	1977.6	1000.6
		72.5°	1288.2	815.5
		75°	866.7	675.6
		77.5°	506.2	449.1
		80°	179.2	157.6
		82.5°	33.5	23.6
		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: P1064513

CATALOG NUMBER: GLAN-SA8A-740-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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

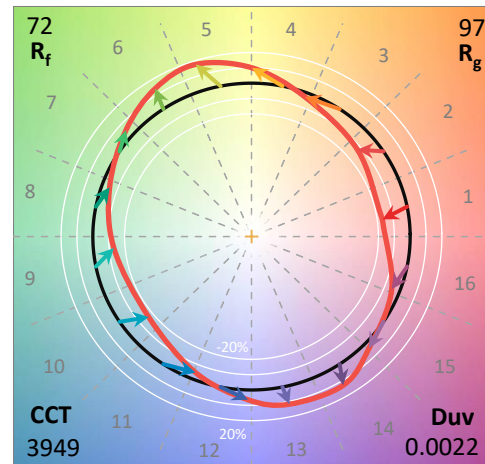
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

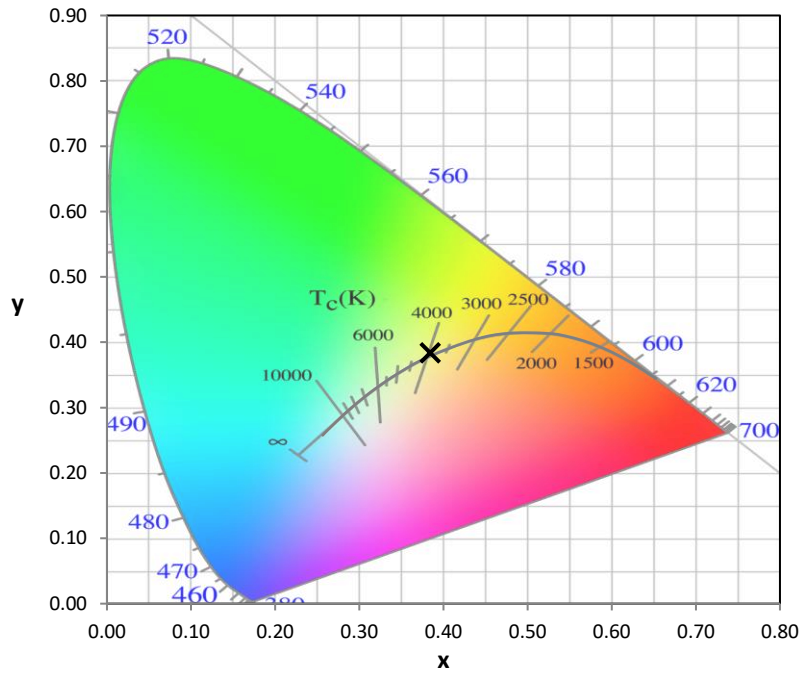
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

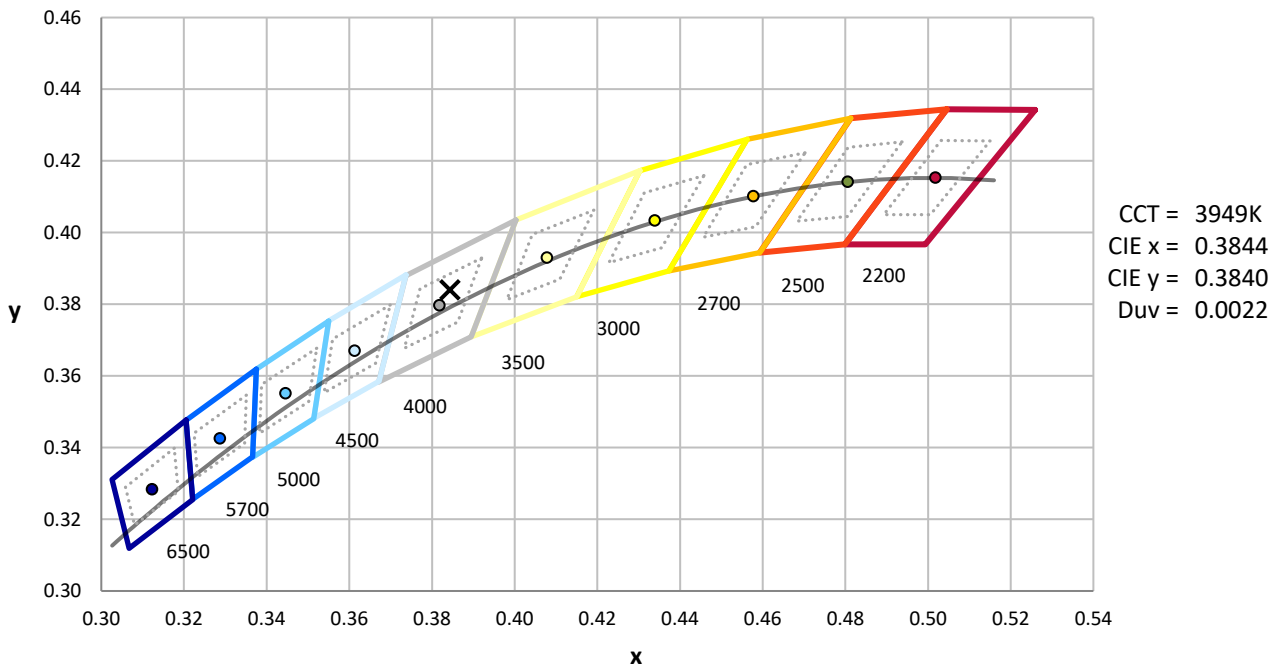
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram

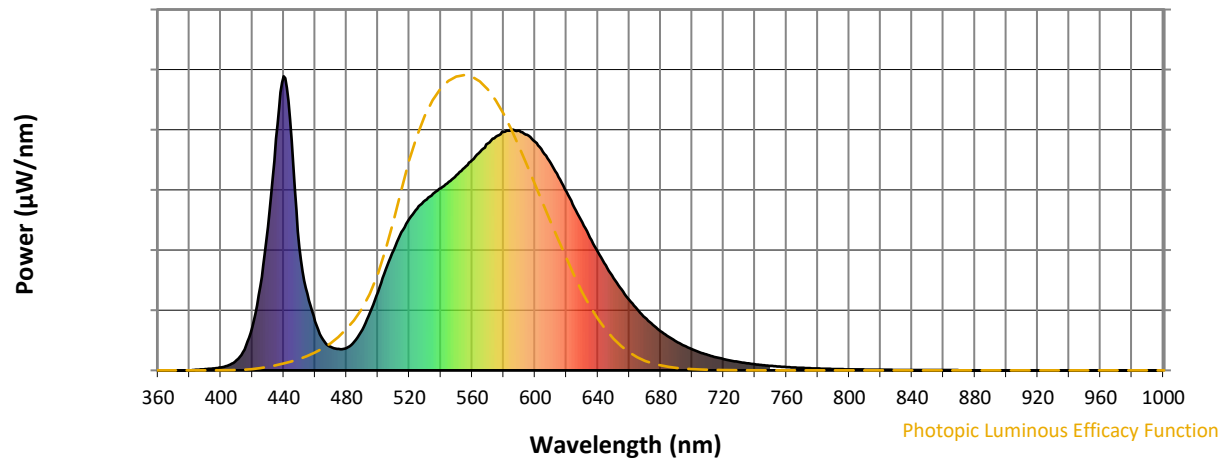


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

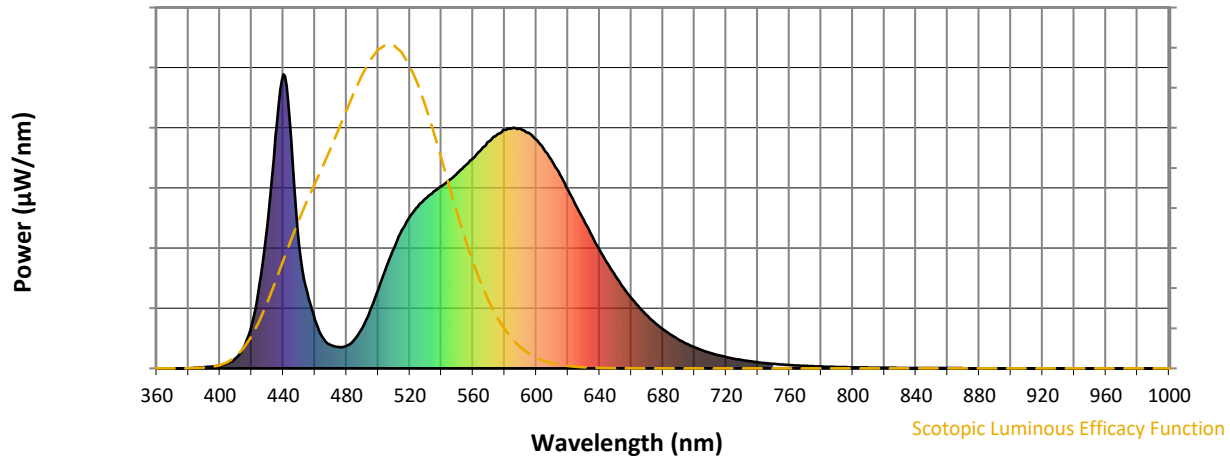


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength



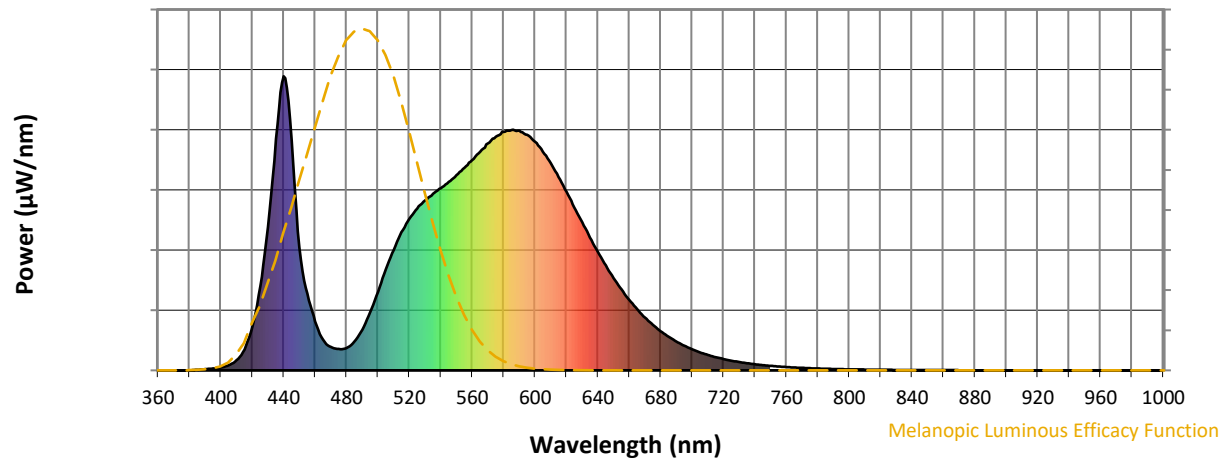
Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

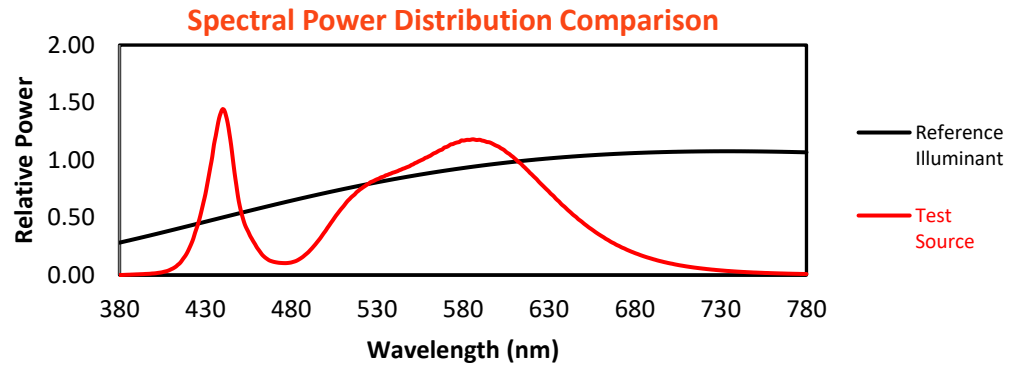
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

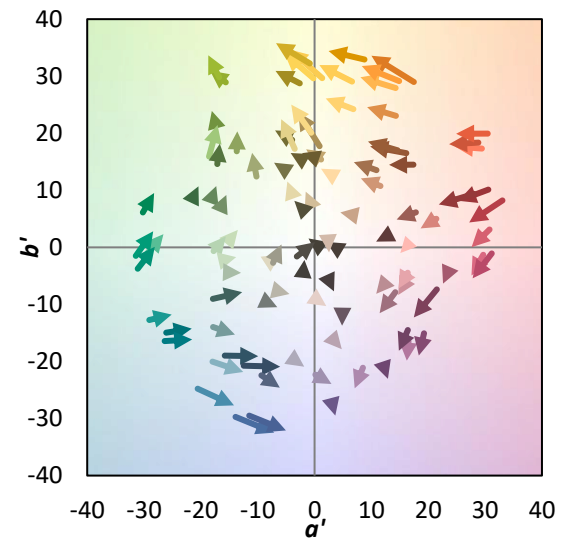
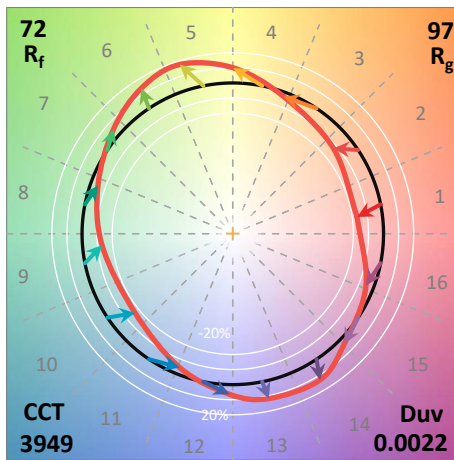
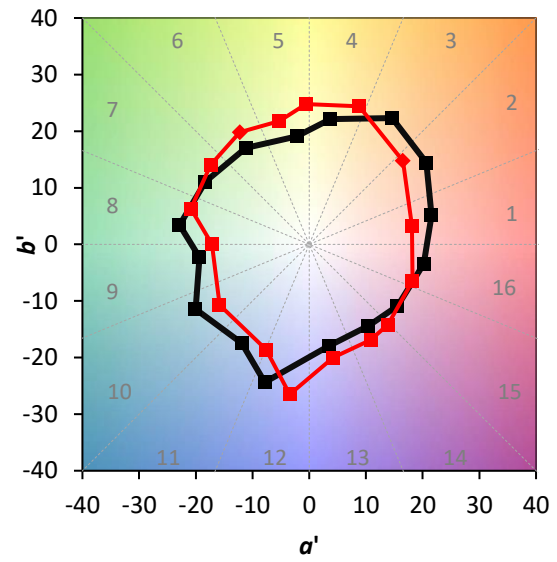
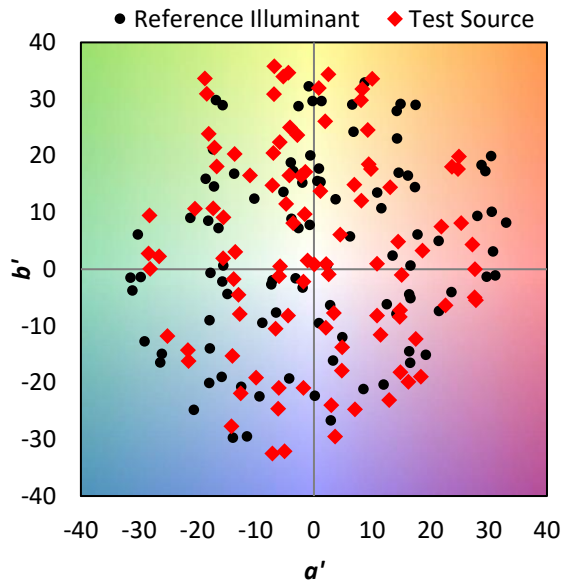
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 $CIE R_a = 70.7$
 $R_g = -36.7$

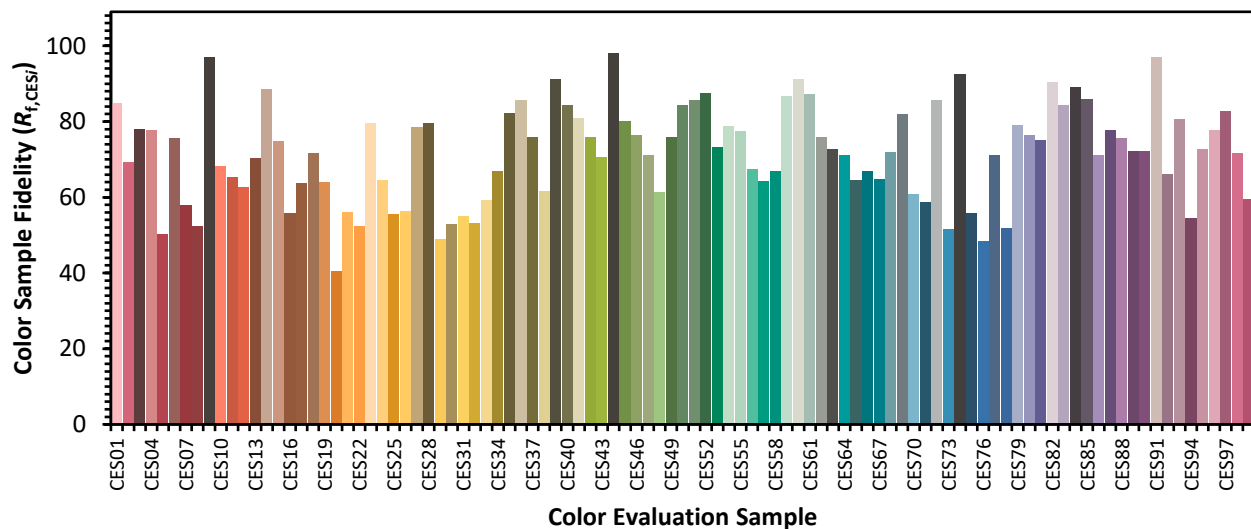


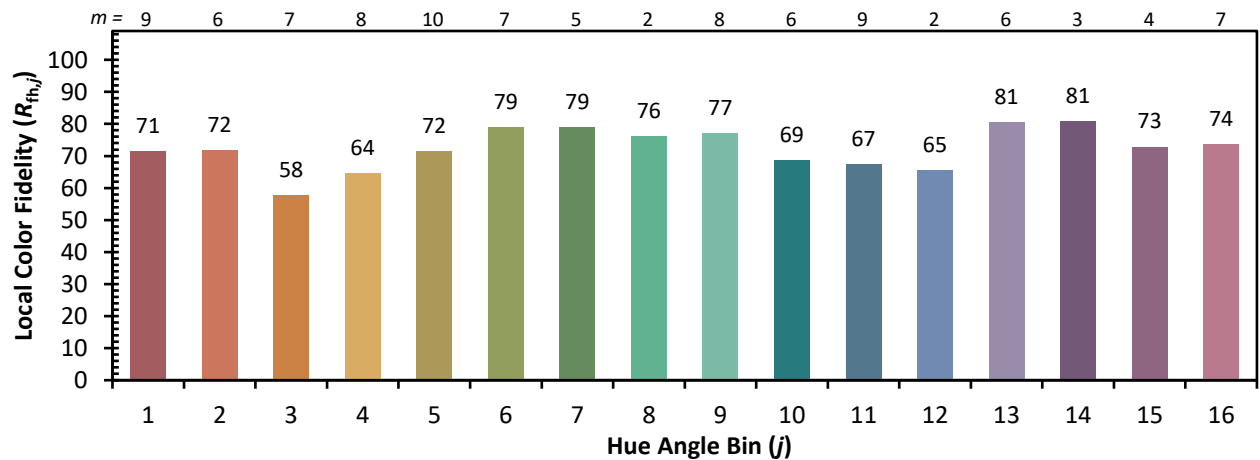
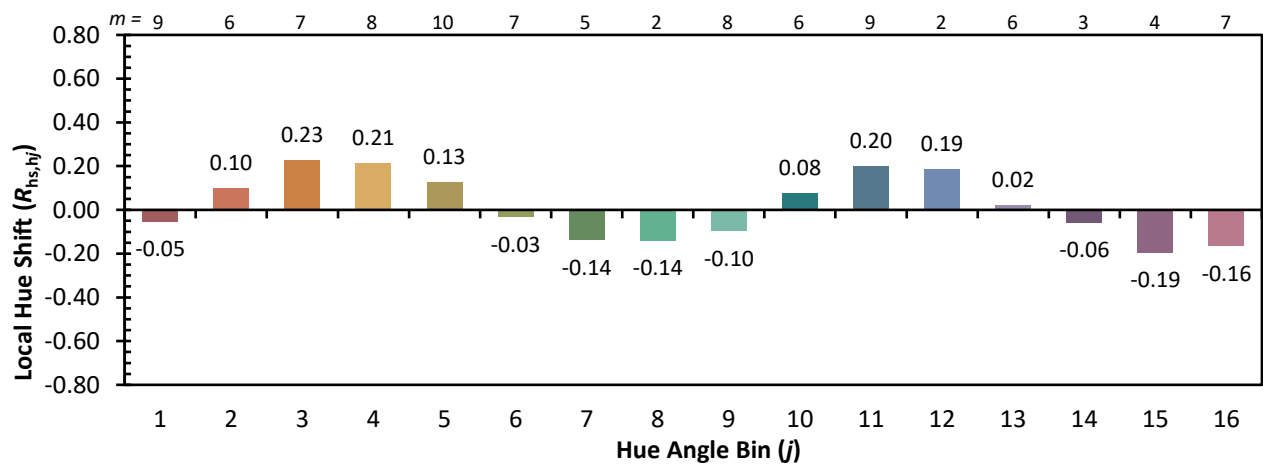
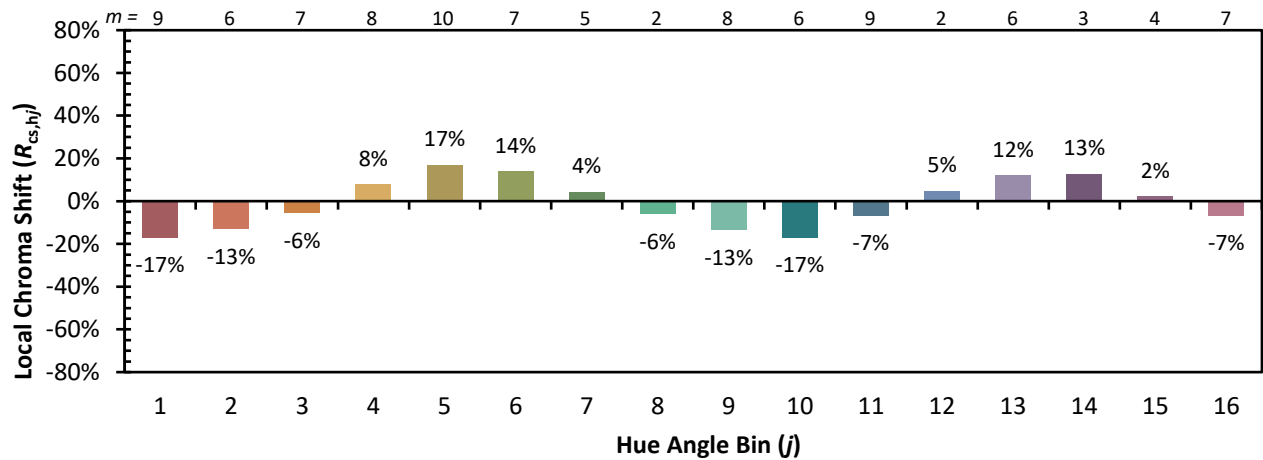
Color Vector Graphics



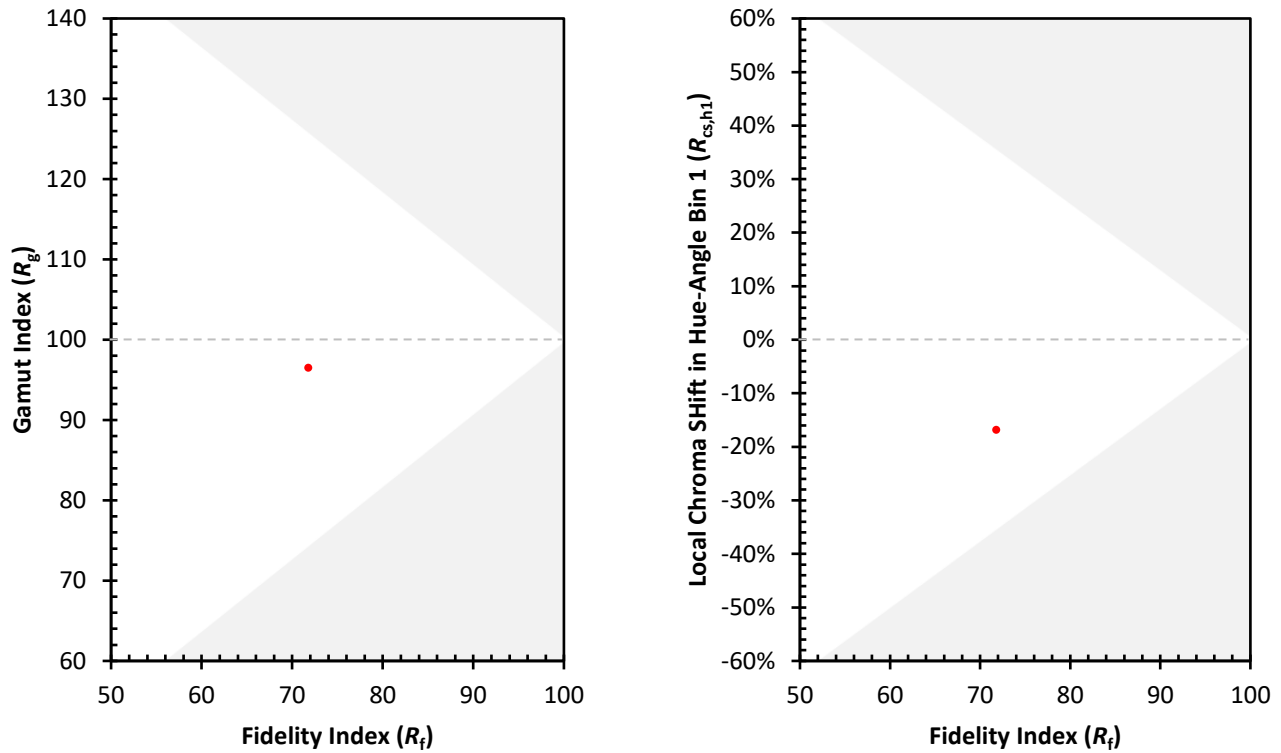
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)