

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: P1064909

Luminaire Tested: **GLAN-SA8A-850-U-RBC**

Issue Date: 08/07/2025



Test Information

Test Method: LM-79-08
Report Number: P1064909
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA8A-850-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
80CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23755.7 lumens
Efficiency: N/A
Efficacy: 109.2 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

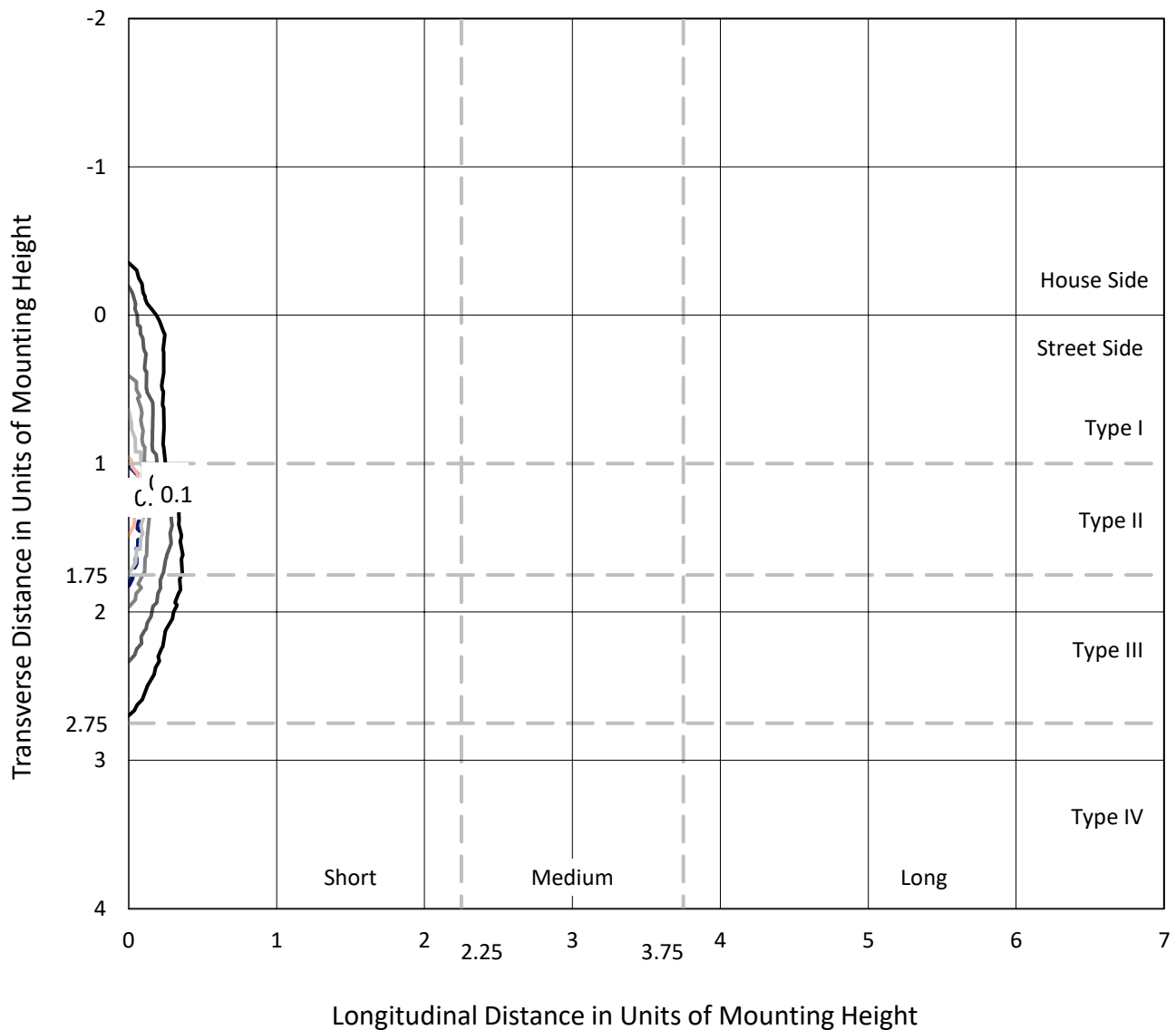
Input Watts (W): 217.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

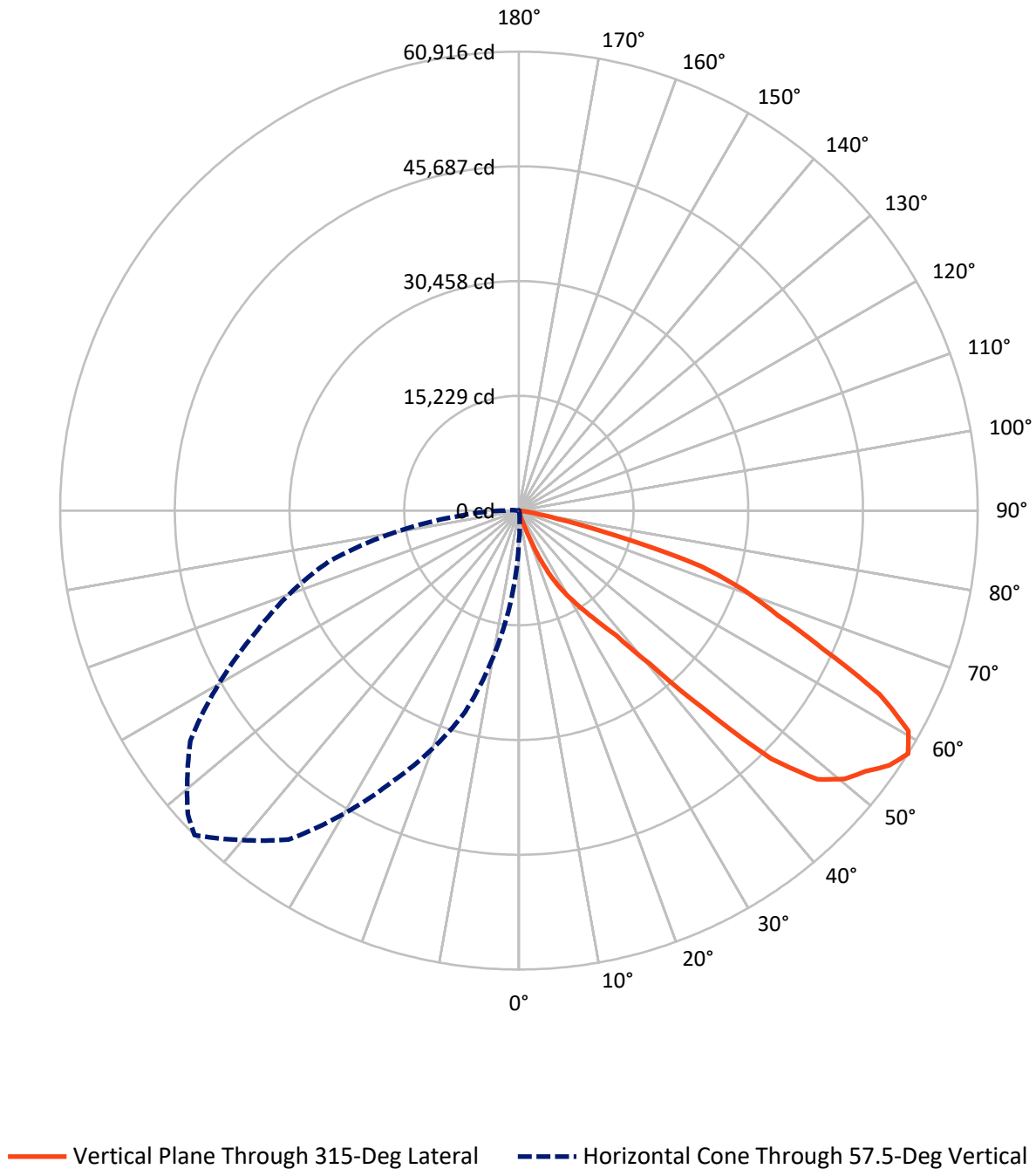


Based on 20 foot mounting height. Maximum calculated value = 3.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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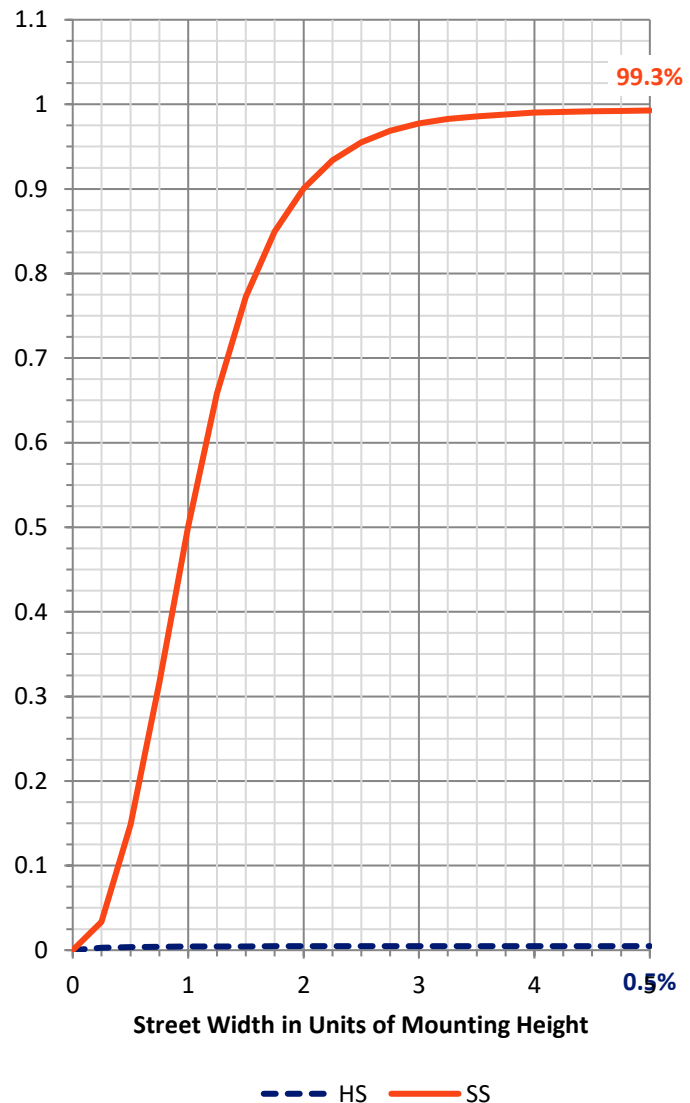
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	119.0	0.0	119.0
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	23636.7	0.0	23636.7
	% Fixture	99.5	0.0	99.5
Total	Lumens	23755.7	0.0	23755.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.3	0.0
10°-20°	52.2	0.2
20°-30°	563.0	2.4
30°-40°	1664.8	7.0
40°-50°	4961.6	20.9
50°-60°	7867.3	33.1
60°-70°	6567.3	27.6
70°-80°	2025.1	8.5
80°-90°	45.0	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°	23755.7	100.0
0°-180°	23755.7	100.0

Coefficient of Utilization



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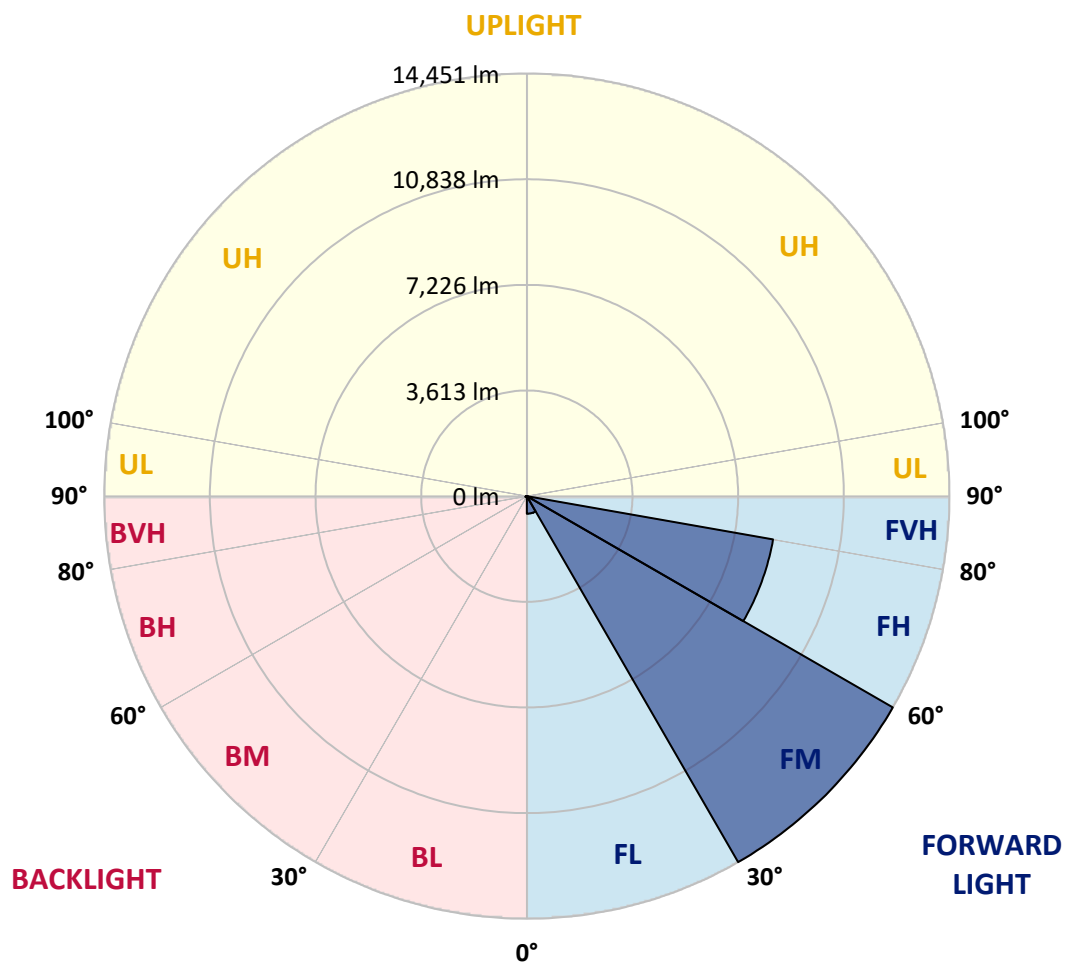
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	602.6	2.5			
FM	(30°-60°)	14451.2	60.8			
FH	(60°-80°)	8548.0	36.0			G4/12000
FVH	(80°-90°)	34.8	0.1			G1/100
BL	(0°-30°)	21.8	0.1	B0/110		
BM	(30°-60°)	42.5	0.2	B0/220		
BH	(60°-80°)	44.4	0.2	B0/110		G0/110
BVH	(80°-90°)	10.2	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°	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1
2.5°	95.1	95.1	95.1	95.1	93.4	93.4	91.6	91.6	89.8	89.8
5°	100.5	100.5	98.7	96.9	96.9	95.1	93.4	91.6	91.6	89.8
7.5°	109.5	107.7	105.9	104.1	100.5	98.7	95.1	93.4	91.6	88.0
10°	120.3	116.7	113.1	109.5	105.9	102.3	98.7	96.9	93.4	91.6
12.5°	134.6	129.3	122.1	116.7	113.1	107.7	104.1	100.5	95.1	91.6
15°	147.2	140.0	131.0	123.9	118.5	111.3	105.9	100.5	96.9	91.6
17.5°	165.2	152.6	138.2	129.3	122.1	113.1	104.1	98.7	93.4	86.2
20°	195.7	170.5	143.6	132.8	122.1	111.3	100.5	93.4	88.0	80.8
22.5°	244.1	201.1	158.0	141.8	127.5	111.3	96.9	89.8	82.6	75.4
25°	337.5	260.3	183.1	161.6	140.0	118.5	96.9	88.0	80.8	71.8
27.5°	448.8	333.9	217.2	186.7	158.0	127.5	96.9	86.2	77.2	66.4
30°	561.9	409.3	254.9	215.4	175.9	136.4	96.9	84.4	73.6	61.0
32.5°	669.6	479.3	287.2	240.6	193.9	145.4	98.7	84.4	70.0	55.7
35°	779.1	536.8	292.6	244.1	195.7	145.4	96.9	80.8	66.4	50.3
37.5°	919.1	601.4	281.8	233.4	186.7	138.2	91.6	77.2	62.8	46.7
40°	1131.0	709.1	287.2	237.0	186.7	136.4	86.2	71.8	59.2	44.9
42.5°	1522.3	917.3	310.6	253.1	195.7	136.4	79.0	66.4	55.7	43.1
45°	2631.8	1524.1	416.5	330.3	244.1	158.0	71.8	61.0	52.1	41.3
47.5°	4353.3	2551.0	748.6	578.1	409.3	238.8	70.0	61.0	52.1	41.3
50°	5556.1	3249.3	942.5	725.3	508.0	290.8	73.6	62.8	53.9	43.1
52.5°	5547.2	3299.6	1050.2	806.0	563.7	319.5	77.2	66.4	57.4	46.7
55°	4931.4	3001.6	1069.9	822.2	576.3	328.5	82.6	71.8	61.0	50.3
57.5°	4121.8	2549.2	976.6	755.8	536.8	316.0	95.1	82.6	71.8	59.2
60°	3260.1	2010.6	761.2	601.4	443.4	283.6	125.7	109.5	95.1	79.0
62.5°	2251.2	1457.7	664.2	533.2	403.9	272.9	143.6	127.5	113.1	96.9
65°	1592.3	1096.9	599.6	488.3	378.8	267.5	156.2	138.2	122.1	104.1
67.5°	1190.2	872.5	552.9	457.8	362.6	267.5	172.3	150.8	131.0	109.5
70°	912.0	716.3	518.8	441.6	366.2	289.0	211.8	181.3	152.6	122.1
72.5°	743.2	612.2	479.3	423.7	368.0	312.4	256.7	217.2	177.7	136.4
75°	615.8	524.2	432.6	386.0	341.1	294.4	247.7	211.8	177.7	141.8
77.5°	409.3	373.4	335.7	308.8	281.8	253.1	226.2	195.7	167.0	136.4
80°	143.6	138.2	132.8	143.6	154.4	165.2	175.9	154.4	134.6	113.1
82.5°	21.5	19.7	18.0	19.7	21.5	23.3	25.1	26.9	28.7	30.5
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°	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1
0.0	2.5°	88.0	88.0	86.2	86.2	86.2	84.4	84.4	82.6	82.6	82.6
0.0	5°	86.2	86.2	84.4	82.6	80.8	80.8	79.0	77.2	77.2	75.4
0.0	7.5°	84.4	82.6	80.8	79.0	77.2	75.4	73.6	71.8	71.8	70.0
0.0	10°	86.2	82.6	80.8	77.2	75.4	73.6	70.0	68.2	66.4	66.4
0.0	12.5°	82.6	80.8	77.2	73.6	71.8	68.2	66.4	62.8	61.0	61.0
0.0	15°	82.6	79.0	73.6	70.0	66.4	64.6	61.0	57.4	55.7	53.9
0.0	17.5°	77.2	73.6	68.2	64.6	61.0	57.4	53.9	50.3	48.5	46.7
0.0	20°	70.0	66.4	61.0	55.7	52.1	48.5	44.9	41.3	39.5	37.7
0.0	22.5°	62.8	59.2	53.9	48.5	44.9	41.3	35.9	32.3	30.5	26.9
0.0	25°	59.2	53.9	48.5	43.1	37.7	34.1	28.7	23.3	19.7	16.2
0.0	27.5°	50.3	44.9	39.5	34.1	28.7	23.3	18.0	12.6	9.0	7.2
0.0	30°	43.1	37.7	32.3	26.9	19.7	14.4	9.0	1.8	1.8	1.8
0.0	32.5°	35.9	30.5	23.3	18.0	14.4	9.0	5.4	0.0	0.0	0.0
0.0	35°	28.7	23.3	16.2	10.8	9.0	5.4	3.6	0.0	0.0	0.0
0.0	37.5°	25.1	19.7	12.6	5.4	3.6	3.6	1.8	0.0	0.0	0.0
0.0	40°	23.3	16.2	9.0	1.8	1.8	1.8	0.0	0.0	0.0	0.0
0.0	42.5°	23.3	16.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	23.3	16.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	23.3	16.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	25.1	18.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	28.7	21.5	14.4	7.2	5.4	3.6	1.8	0.0	0.0	0.0
0.0	55°	35.9	32.3	26.9	23.3	18.0	12.6	5.4	0.0	0.0	0.0
0.0	57.5°	46.7	46.7	44.9	43.1	32.3	21.5	10.8	0.0	0.0	0.0
0.0	60°	62.8	62.8	62.8	62.8	46.7	32.3	16.2	0.0	0.0	0.0
0.0	62.5°	77.2	73.6	68.2	64.6	48.5	32.3	16.2	0.0	0.0	0.0
0.0	65°	77.2	70.0	61.0	52.1	39.5	26.9	12.6	0.0	0.0	0.0
0.0	67.5°	71.8	57.4	41.3	26.9	19.7	14.4	7.2	0.0	0.0	0.0
	70°	71.8	50.3	28.7	7.2	5.4	3.6	1.8	0.0	0.0	0.0
	72.5°	71.8	48.5	23.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	79.0	53.9	26.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	79.0	53.9	26.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	70.0	46.7	23.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	23.3	16.2	7.2	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°	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1
0.0	2.5°	80.8	80.8	80.8	79.0	79.0	79.0	79.0	77.2	77.2	77.2
0.0	5°	73.6	73.6	71.8	71.8	70.0	70.0	68.2	68.2	66.4	66.4
0.0	7.5°	68.2	66.4	66.4	64.6	62.8	62.8	61.0	61.0	59.2	57.4
0.0	10°	62.8	61.0	61.0	59.2	57.4	55.7	55.7	53.9	52.1	50.3
0.0	12.5°	57.4	55.7	53.9	52.1	50.3	48.5	48.5	46.7	44.9	43.1
0.0	15°	50.3	48.5	46.7	44.9	43.1	41.3	41.3	39.5	37.7	35.9
0.0	17.5°	43.1	41.3	41.3	39.5	37.7	35.9	34.1	30.5	28.7	26.9
0.0	20°	32.3	30.5	28.7	26.9	25.1	21.5	19.7	16.2	12.6	10.8
0.0	22.5°	21.5	18.0	16.2	12.6	9.0	7.2	5.4	1.8	0.0	0.0
0.0	25°	7.2	5.4	3.6	1.8	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-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064909

CATALOG NUMBER: GLAN-SA8A-850-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1
0.0	2.5°	75.4	75.4	75.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6
0.0	5°	64.6	64.6	64.6	62.8	62.8	61.0	61.0	61.0	59.2	59.2
0.0	7.5°	55.7	53.9	53.9	52.1	52.1	50.3	50.3	50.3	48.5	48.5
0.0	10°	46.7	44.9	44.9	43.1	43.1	41.3	41.3	39.5	39.5	37.7
0.0	12.5°	41.3	39.5	37.7	35.9	35.9	34.1	32.3	32.3	30.5	28.7
0.0	15°	32.3	30.5	28.7	26.9	25.1	23.3	21.5	21.5	19.7	18.0
0.0	17.5°	21.5	18.0	16.2	14.4	14.4	12.6	10.8	9.0	7.2	5.4
0.0	20°	5.4	3.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1064909

CATALOG NUMBER: GLAN-SA8A-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064909

CATALOG NUMBER: GLAN-SA8A-850-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°	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1
0.0	2.5°	73.6	71.8	71.8	71.8	73.6	73.6	73.6	73.6	73.6	73.6
0.0	5°	59.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
0.0	7.5°	48.5	46.7	46.7	46.7	46.7	44.9	44.9	44.9	44.9	44.9
0.0	10°	37.7	35.9	35.9	35.9	35.9	34.1	34.1	34.1	34.1	34.1
0.0	12.5°	26.9	26.9	25.1	25.1	25.1	23.3	23.3	23.3	23.3	21.5
0.0	15°	16.2	14.4	12.6	12.6	12.6	10.8	10.8	10.8	10.8	9.0
0.0	17.5°	3.6	3.6	1.8	1.8	1.8	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



REPORT NUMBER: P1064909

CATALOG NUMBER: GLAN-SA8A-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064909

CATALOG NUMBER: GLAN-SA8A-850-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1
0.0	2.5°	75.4	75.4	77.2	77.2	79.0	82.6	84.4	86.2	89.8	93.4
0.0	5°	59.2	61.0	61.0	62.8	64.6	66.4	68.2	70.0	73.6	77.2
0.0	7.5°	46.7	46.7	48.5	48.5	50.3	53.9	55.7	57.4	61.0	66.4
0.0	10°	35.9	35.9	37.7	37.7	39.5	43.1	44.9	46.7	50.3	55.7
0.0	12.5°	23.3	25.1	25.1	26.9	28.7	32.3	34.1	35.9	39.5	43.1
0.0	15°	10.8	12.6	12.6	14.4	16.2	19.7	21.5	23.3	26.9	32.3
0.0	17.5°	1.8	1.8	3.6	3.6	5.4	7.2	9.0	10.8	16.2	19.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	7.2
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
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-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064909

CATALOG NUMBER: GLAN-SA8A-850-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°	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1
0.0	2.5°	98.7	102.3	105.9	109.5	113.1	116.7	118.5	122.1	123.9	125.7
0.0	5°	84.4	88.0	93.4	96.9	100.5	104.1	107.7	109.5	111.3	113.1
0.0	7.5°	73.6	77.2	82.6	86.2	89.8	93.4	96.9	100.5	102.3	104.1
0.0	10°	62.8	68.2	71.8	77.2	80.8	84.4	88.0	91.6	95.1	96.9
0.0	12.5°	50.3	55.7	61.0	64.6	70.0	75.4	79.0	82.6	86.2	89.8
0.0	15°	39.5	44.9	50.3	53.9	59.2	64.6	70.0	73.6	77.2	80.8
0.0	17.5°	28.7	34.1	39.5	43.1	48.5	53.9	57.4	62.8	66.4	70.0
0.0	20°	14.4	19.7	25.1	30.5	35.9	41.3	44.9	50.3	53.9	57.4
0.0	22.5°	1.8	7.2	12.6	16.2	21.5	26.9	30.5	35.9	39.5	43.1
0.0	25°	0.0	1.8	5.4	7.2	9.0	12.6	16.2	19.7	23.3	26.9
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.8	3.6	7.2	10.8	14.4
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.8	3.6
	85°	0.0	0.0	0.0	0.0	0.0	3.6	5.4	9.0	10.8	12.6
	87.5°	0.0	1.8	3.6	5.4	7.2	10.8	14.4	18.0	19.7	21.5
	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: P1064909

CATALOG NUMBER: GLAN-SA8A-850-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
104.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.8											
7.2											
16.2											
23.3											
0.0											
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REPORT NUMBER: P1064909

CATALOG NUMBER: GLAN-SA8A-850-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1
0.0	2.5°	127.5	127.5	127.5	127.5	125.7	125.7	125.7	123.9	123.9	122.1
0.0	5°	116.7	118.5	118.5	118.5	118.5	118.5	118.5	118.5	116.7	116.7
0.0	7.5°	107.7	109.5	111.3	111.3	113.1	113.1	113.1	111.3	111.3	109.5
0.0	10°	102.3	104.1	104.1	105.9	105.9	105.9	105.9	105.9	105.9	105.9
0.0	12.5°	95.1	96.9	98.7	98.7	100.5	100.5	100.5	100.5	98.7	98.7
0.0	15°	86.2	89.8	91.6	93.4	93.4	95.1	95.1	95.1	95.1	95.1
0.0	17.5°	79.0	82.6	84.4	86.2	86.2	88.0	88.0	89.8	89.8	89.8
0.0	20°	64.6	68.2	70.0	73.6	75.4	77.2	79.0	80.8	80.8	82.6
0.0	22.5°	50.3	53.9	55.7	59.2	61.0	62.8	64.6	66.4	68.2	70.0
0.0	25°	35.9	39.5	41.3	44.9	46.7	48.5	50.3	52.1	52.1	53.9
0.0	27.5°	19.7	23.3	26.9	28.7	32.3	34.1	35.9	37.7	39.5	41.3
0.0	30°	9.0	10.8	12.6	16.2	18.0	19.7	21.5	25.1	26.9	28.7
0.0	32.5°	0.0	0.0	1.8	5.4	7.2	9.0	10.8	12.6	12.6	14.4
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.8	3.6	5.4	7.2
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°	3.6	3.6	3.6	5.4	5.4	5.4	5.4	5.4	5.4	5.4
	82.5°	9.0	10.8	12.6	12.6	14.4	14.4	14.4	14.4	12.6	12.6
	85°	18.0	19.7	21.5	21.5	23.3	23.3	23.3	23.3	23.3	23.3
	87.5°	25.1	26.9	28.7	28.7	30.5	30.5	30.5	30.5	30.5	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

REPORT NUMBER: P1064909

CATALOG NUMBER: GLAN-SA8A-850-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
104.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	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											
5.4											
12.6											
23.3											
30.5											
0.0											
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REPORT NUMBER: P1064909

CATALOG NUMBER: GLAN-SA8A-850-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°	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1
0.0	2.5°	120.3	120.3	118.5	118.5	118.5	118.5	118.5	120.3	122.1	122.1
0.0	5°	114.9	114.9	113.1	113.1	113.1	114.9	114.9	116.7	118.5	120.3
0.0	7.5°	109.5	107.7	107.7	109.5	109.5	111.3	111.3	113.1	114.9	116.7
0.0	10°	105.9	104.1	104.1	104.1	105.9	105.9	107.7	109.5	111.3	113.1
0.0	12.5°	98.7	98.7	98.7	98.7	100.5	100.5	102.3	104.1	107.7	109.5
0.0	15°	95.1	93.4	93.4	93.4	93.4	95.1	95.1	98.7	102.3	104.1
0.0	17.5°	88.0	88.0	86.2	86.2	88.0	88.0	89.8	93.4	96.9	98.7
0.0	20°	80.8	79.0	77.2	77.2	79.0	79.0	80.8	84.4	88.0	89.8
0.0	22.5°	70.0	68.2	68.2	68.2	68.2	70.0	70.0	73.6	79.0	82.6
0.0	25°	55.7	57.4	57.4	59.2	59.2	61.0	62.8	66.4	71.8	75.4
0.0	27.5°	43.1	44.9	44.9	48.5	50.3	52.1	53.9	59.2	64.6	68.2
0.0	30°	32.3	34.1	35.9	37.7	41.3	44.9	48.5	53.9	59.2	62.8
0.0	32.5°	19.7	23.3	25.1	28.7	32.3	35.9	39.5	44.9	52.1	57.4
0.0	35°	14.4	16.2	19.7	21.5	25.1	28.7	32.3	39.5	44.9	52.1
0.0	37.5°	7.2	10.8	14.4	18.0	21.5	25.1	28.7	35.9	43.1	48.5
0.0	40°	5.4	9.0	10.8	14.4	19.7	23.3	26.9	34.1	41.3	48.5
0.0	42.5°	3.6	5.4	7.2	12.6	16.2	21.5	26.9	34.1	41.3	48.5
0.0	45°	3.6	3.6	5.4	10.8	16.2	23.3	28.7	35.9	41.3	48.5
0.0	47.5°	3.6	5.4	7.2	14.4	18.0	23.3	28.7	34.1	41.3	46.7
0.0	50°	5.4	7.2	9.0	16.2	19.7	25.1	28.7	35.9	41.3	48.5
0.0	52.5°	3.6	5.4	7.2	14.4	19.7	26.9	32.3	39.5	46.7	52.1
0.0	55°	1.8	1.8	1.8	10.8	21.5	30.5	41.3	46.7	53.9	59.2
0.0	57.5°	0.0	0.0	0.0	7.2	21.5	34.1	46.7	53.9	61.0	66.4
0.0	60°	0.0	0.0	0.0	7.2	21.5	34.1	46.7	55.7	64.6	73.6
0.0	62.5°	0.0	0.0	0.0	7.2	18.0	28.7	39.5	53.9	70.0	84.4
0.0	65°	0.0	0.0	0.0	5.4	14.4	23.3	32.3	53.9	75.4	95.1
0.0	67.5°	0.0	0.0	0.0	5.4	14.4	21.5	30.5	53.9	75.4	98.7
	70°	0.0	0.0	0.0	5.4	14.4	23.3	32.3	53.9	75.4	96.9
	72.5°	0.0	0.0	0.0	5.4	16.2	25.1	35.9	53.9	71.8	89.8
	75°	0.0	0.0	0.0	7.2	16.2	26.9	37.7	53.9	70.0	84.4
	77.5°	0.0	0.0	0.0	5.4	16.2	25.1	35.9	52.1	68.2	82.6
	80°	5.4	3.6	3.6	9.0	16.2	23.3	30.5	46.7	64.6	80.8
	82.5°	10.8	10.8	9.0	12.6	16.2	21.5	26.9	41.3	57.4	71.8
	85°	21.5	21.5	19.7	21.5	21.5	23.3	25.1	32.3	39.5	46.7
	87.5°	28.7	28.7	26.9	26.9	26.9	25.1	25.1	25.1	25.1	23.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
104.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5											
107.7											
100.5											
98.7											
96.9											
86.2											
53.9											
23.3											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1064909

CATALOG NUMBER: GLAN-SA8A-850-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1
0.0	2.5°	125.7	127.5	127.5	129.3	131.0	132.8	132.8	134.6	134.6	134.6
0.0	5°	123.9	127.5	129.3	131.0	132.8	134.6	136.4	138.2	140.0	140.0
0.0	7.5°	122.1	123.9	127.5	129.3	132.8	134.6	138.2	140.0	141.8	143.6
0.0	10°	118.5	122.1	125.7	129.3	132.8	136.4	140.0	143.6	147.2	149.0
0.0	12.5°	114.9	120.3	123.9	127.5	132.8	138.2	141.8	147.2	150.8	154.4
0.0	15°	113.1	116.7	122.1	125.7	132.8	140.0	145.4	152.6	159.8	165.2
0.0	17.5°	107.7	114.9	120.3	125.7	132.8	141.8	149.0	156.2	167.0	177.7
0.0	20°	100.5	105.9	113.1	118.5	129.3	138.2	149.0	158.0	174.1	190.3
0.0	22.5°	93.4	100.5	105.9	113.1	125.7	136.4	149.0	159.8	186.7	211.8
0.0	25°	86.2	95.1	102.3	109.5	123.9	138.2	152.6	167.0	211.8	256.7
0.0	27.5°	82.6	89.8	98.7	105.9	123.9	143.6	161.6	179.5	251.3	321.3
0.0	30°	77.2	86.2	93.4	102.3	125.7	149.0	172.3	195.7	305.2	414.7
0.0	32.5°	71.8	80.8	89.8	98.7	129.3	159.8	188.5	219.0	362.6	504.4
0.0	35°	66.4	77.2	86.2	95.1	134.6	175.9	215.4	254.9	414.7	572.7
0.0	37.5°	64.6	75.4	84.4	93.4	136.4	177.7	220.8	262.1	420.1	578.1
0.0	40°	66.4	75.4	86.2	95.1	131.0	167.0	201.1	237.0	402.1	565.5
0.0	42.5°	66.4	77.2	88.0	98.7	127.5	156.2	184.9	213.6	396.7	579.8
0.0	45°	64.6	75.4	86.2	96.9	123.9	149.0	175.9	201.1	429.1	655.2
0.0	47.5°	62.8	73.6	84.4	95.1	122.1	149.0	175.9	202.9	554.7	904.8
0.0	50°	62.8	73.6	82.6	91.6	123.9	158.0	190.3	222.6	807.8	1391.3
0.0	52.5°	66.4	75.4	82.6	89.8	127.5	167.0	204.7	242.4	1026.9	1809.6
0.0	55°	71.8	77.2	84.4	89.8	136.4	181.3	228.0	272.9	1093.3	1913.7
0.0	57.5°	79.0	84.4	89.8	95.1	152.6	210.0	265.7	323.1	1098.7	1872.4
0.0	60°	88.0	95.1	100.5	105.9	167.0	229.8	290.8	351.9	994.5	1635.4
0.0	62.5°	107.7	116.7	123.9	132.8	192.1	249.5	308.8	366.2	825.8	1285.4
0.0	65°	123.9	131.0	138.2	145.4	202.9	262.1	319.5	377.0	700.1	1023.3
0.0	67.5°	127.5	134.6	140.0	147.2	206.4	265.7	323.1	382.4	599.6	815.0
	70°	129.3	138.2	149.0	158.0	219.0	280.1	339.3	400.3	531.4	662.4
	72.5°	123.9	141.8	158.0	174.1	231.6	287.2	344.7	400.3	493.7	587.0
	75°	123.9	149.0	172.3	195.7	238.8	280.1	323.1	364.4	436.2	508.0
	77.5°	131.0	163.4	195.7	228.0	253.1	276.5	301.6	324.9	371.6	418.3
	80°	131.0	165.2	197.5	231.6	242.4	254.9	265.7	276.5	281.8	287.2
	82.5°	113.1	140.0	167.0	193.9	181.3	168.7	156.2	143.6	134.6	123.9
	85°	57.4	62.8	66.4	70.0	64.6	59.2	53.9	48.5	44.9	39.5
	87.5°	23.3	23.3	21.5	21.5	21.5	21.5	19.7	19.7	19.7	19.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1064909

CATALOG NUMBER: GLAN-SA8A-850-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
104.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
192.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
220.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
281.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
382.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
531.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
719.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
899.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1021.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1113.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1204.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1384.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1743.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2656.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4069.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5123.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5240.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4728.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4042.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3159.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2387.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1762.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1247.7											
928.1											
675.0											
508.0											
285.4											
129.3											
37.7											
18.0											
0.0											
0.0											
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REPORT NUMBER: P1064909

CATALOG NUMBER: GLAN-SA8A-850-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°	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1
0.0	2.5°	134.6	132.8	132.8	131.0	129.3	127.5	125.7	123.9	122.1	120.3
0.0	5°	140.0	140.0	140.0	138.2	138.2	136.4	136.4	134.6	132.8	131.0
0.0	7.5°	145.4	147.2	147.2	149.0	149.0	149.0	149.0	147.2	147.2	147.2
0.0	10°	154.4	156.2	158.0	159.8	161.6	163.4	163.4	165.2	165.2	165.2
0.0	12.5°	165.2	170.5	174.1	179.5	183.1	188.5	192.1	197.5	201.1	204.7
0.0	15°	181.3	190.3	201.1	210.0	219.0	231.6	245.9	258.5	271.1	290.8
0.0	17.5°	204.7	233.4	262.1	289.0	317.7	380.6	443.4	504.4	567.3	658.8
0.0	20°	249.5	335.7	420.1	506.2	590.6	811.4	1030.4	1251.3	1470.3	1705.4
0.0	22.5°	350.1	561.9	773.7	985.6	1197.4	1658.8	2118.3	2579.7	3039.3	3579.6
0.0	25°	508.0	897.6	1287.2	1674.9	2064.5	2786.1	3509.6	4231.3	4952.9	5654.9
0.0	27.5°	739.6	1335.6	1931.6	2525.8	3121.8	4100.2	5080.4	6058.8	7037.2	7830.6
0.0	30°	1025.1	1832.9	2640.7	3448.6	4256.4	5369.4	6482.5	7593.7	8706.7	9573.8
0.0	32.5°	1294.3	2283.5	3272.6	4260.0	5249.2	6516.6	7785.8	9053.2	10320.6	11268.4
0.0	35°	1470.3	2665.9	3863.3	5058.9	6254.5	7626.0	8997.5	10367.3	11738.8	12821.3
0.0	37.5°	1646.2	3026.7	4405.4	5785.9	7164.6	8670.8	10177.0	11683.1	13189.3	14526.7
0.0	40°	1843.7	3462.9	5080.4	6699.7	8317.1	10101.6	11884.2	13668.6	15451.2	17338.0
0.0	42.5°	2186.5	4186.4	6188.0	8187.9	10187.7	12548.4	14909.1	17268.0	19628.7	22321.5
0.0	45°	2831.0	5649.5	8469.7	11288.2	14106.6	17233.9	20362.9	23490.1	26617.4	30200.6
0.0	47.5°	4409.0	8286.6	12162.5	16040.1	19915.9	23292.7	26667.6	30044.4	33419.4	36988.2
0.0	50°	6746.3	11259.5	15772.6	20283.9	24797.0	27852.5	30906.1	33961.5	37015.1	40409.9
0.0	52.5°	8437.4	13139.0	17842.4	22544.1	27245.7	30003.1	32762.3	35519.7	38277.2	41449.3
0.0	55°	8564.9	13239.6	17916.1	22590.7	27265.4	30035.4	32805.4	35575.4	38345.4	41707.8
0.0	57.5°	7582.9	12219.9	16855.1	21492.1	26127.3	29281.4	32433.8	35588.0	38740.3	42375.6
0.0	60°	6450.1	11088.9	15725.9	20364.7	25001.7	28635.2	32270.4	35903.9	39537.4	42942.9
0.0	62.5°	5031.9	9803.6	14577.0	19348.6	24120.2	27809.4	31498.5	35185.8	38875.0	41429.5
0.0	65°	3750.2	8383.6	13017.0	17648.6	22282.0	25236.9	28191.8	31144.8	34099.7	35681.3
0.0	67.5°	2710.7	6706.9	10701.2	14697.3	18691.6	20806.3	22921.1	25034.0	27148.7	28358.7
	70°	1832.9	4601.1	7367.5	10135.7	12902.1	14639.8	16379.4	18117.1	19854.9	21488.5
	72.5°	1269.2	2823.8	4380.3	5934.9	7489.6	9238.1	10984.8	12733.3	14480.0	16208.8
	75°	841.9	1549.3	2258.4	2965.7	3673.0	4967.3	6263.4	7557.8	8852.1	9882.6
	77.5°	597.8	809.6	1023.3	1235.1	1446.9	1689.3	1933.4	2175.8	2418.1	2786.1
	80°	283.6	310.6	337.5	362.6	389.6	477.5	565.5	653.5	741.4	834.8
	82.5°	134.6	145.4	156.2	165.2	175.9	184.9	193.9	202.9	211.8	202.9
	85°	35.9	35.9	37.7	37.7	37.7	37.7	37.7	37.7	37.7	35.9
	87.5°	16.2	16.2	16.2	16.2	16.2	16.2	16.2	14.4	14.4	12.6
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
104.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
312.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
748.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1942.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4120.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6356.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8624.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10442.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12218.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13903.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15865.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19224.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25014.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33783.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40557.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43804.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44621.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45072.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46010.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46346.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43985.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37264.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29570.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23120.3											
17937.6											
10913.0											
3154.2											
928.1											
192.1											
34.1											
12.6											
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°	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1
0.0	2.5°	116.7	114.9	113.1	111.3	109.5	105.9	105.9	104.1	104.1
0.0	5°	127.5	125.7	123.9	122.1	122.1	120.3	118.5	118.5	116.7
0.0	7.5°	145.4	143.6	141.8	140.0	140.0	138.2	138.2	136.4	136.4
0.0	10°	167.0	167.0	167.0	167.0	167.0	165.2	165.2	165.2	163.4
0.0	12.5°	210.0	211.8	215.4	219.0	224.4	224.4	224.4	222.6	222.6
0.0	15°	332.1	351.9	366.2	380.6	393.1	421.9	418.3	412.9	409.3
0.0	17.5°	840.2	929.9	978.4	1025.1	1073.5	1206.4	1184.8	1163.3	1143.5
0.0	20°	2177.6	2412.7	2568.9	2725.1	2883.1	3132.6	3071.6	3010.5	2949.5
0.0	22.5°	4658.5	5198.9	5434.1	5669.2	5902.6	6204.2	6008.5	5812.8	5619.0
0.0	25°	7056.9	7758.8	8155.6	8552.3	8947.3	9119.6	8864.7	8608.0	8353.0
0.0	27.5°	9417.6	10211.1	10561.1	10909.4	11259.5	11620.3	11304.3	10986.6	10670.6
0.0	30°	11309.7	12176.8	12555.6	12932.6	13311.4	13562.7	13236.0	12907.5	12580.7
0.0	32.5°	13166.0	14113.8	14528.5	14943.2	15356.1	15716.9	15314.8	14910.9	14508.8
0.0	35°	14984.5	16067.0	16637.9	17208.7	17779.6	18115.3	17637.8	17158.5	16681.0
0.0	37.5°	17203.4	18540.8	19179.9	19819.0	20458.0	21070.2	20544.2	20016.4	19490.4
0.0	40°	21111.5	22998.3	23978.4	24960.4	25940.6	26730.5	26066.2	25402.0	24737.8
0.0	42.5°	27707.0	30399.8	31809.1	33216.5	34625.7	35859.0	35160.7	34462.4	33764.0
0.0	45°	37367.0	40950.2	42668.2	44384.4	46102.4	47003.6	45998.3	44991.2	43985.9
0.0	47.5°	44124.1	47693.0	49222.5	50752.0	52281.5	53310.1	52080.4	50850.7	49622.8
0.0	50°	47197.5	50592.2	52127.1	53660.2	55195.1	56011.9	54591.9	53170.1	51750.1
0.0	52.5°	47791.7	50963.8	52794.9	54627.8	56458.9	57550.4	55873.7	54195.2	52518.4
0.0	55°	48434.4	51796.8	53920.5	56046.0	58169.7	59681.3	57785.6	55888.0	53992.3
0.0	57.5°	49644.3	53279.6	55397.9	57514.5	59632.8	60916.4	59015.3	57112.4	55211.2
0.0	60°	49752.1	53155.7	54976.1	56798.2	58618.5	59426.4	57607.8	55787.5	53969.0
0.0	62.5°	46540.4	49095.0	50358.8	51622.6	52886.5	53764.3	51866.8	49967.5	48070.0
0.0	65°	38846.2	40427.8	41434.9	42442.0	43449.1	44495.7	42758.0	41020.2	39282.5
0.0	67.5°	30780.4	31990.4	33317.0	34643.7	35970.3	37088.7	35697.5	34304.4	32913.1
	70°	24754.0	26385.8	27877.6	29369.4	30861.2	31776.8	30380.1	28981.6	27585.0
	72.5°	19666.4	21395.1	22641.0	23885.1	25130.9	25355.3	24328.5	23301.6	22276.6
	75°	11941.6	12972.1	12997.2	13020.6	13045.7	13259.3	12408.4	11557.5	10708.3
	77.5°	3522.2	3890.2	4193.6	4495.2	4798.6	5164.8	4852.4	4538.3	4225.9
	80°	1019.7	1113.0	1192.0	1269.2	1348.2	1301.5	1227.9	1154.3	1080.7
	82.5°	183.1	172.3	170.5	168.7	168.7	159.8	145.4	131.0	116.7
	85°	32.3	30.5	28.7	26.9	25.1	23.3	19.7	18.0	14.4
	87.5°	10.8	9.0	7.2	5.4	5.4	1.8	1.8	1.8	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-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064909

CATALOG NUMBER: GLAN-SA8A-850-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°	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1
0.0	0.0	2.5°	102.3	100.5	100.5	100.5	100.5	98.7	98.7	98.7	98.7
0.0	0.0	5°	113.1	113.1	111.3	111.3	109.5	109.5	107.7	107.7	105.9
0.0	0.0	7.5°	132.8	131.0	129.3	127.5	125.7	122.1	120.3	118.5	118.5
0.0	0.0	10°	159.8	156.2	154.4	150.8	149.0	145.4	141.8	138.2	134.6
0.0	0.0	12.5°	210.0	202.9	197.5	190.3	183.1	177.7	170.5	165.2	158.0
0.0	0.0	15°	364.4	346.5	326.7	303.4	278.3	254.9	229.8	215.4	199.3
0.0	0.0	17.5°	931.7	838.4	743.2	666.0	588.8	513.4	436.2	380.6	324.9
0.0	0.0	20°	2371.5	2112.9	1854.4	1599.5	1342.8	1087.9	831.2	701.9	572.7
0.0	0.0	22.5°	4462.9	3983.5	3502.4	3037.5	2570.7	2105.8	1640.8	1348.2	1057.4
0.0	0.0	25°	6888.2	6285.0	5681.8	4917.0	4150.5	3385.7	2621.0	2145.3	1669.5
0.0	0.0	27.5°	8963.4	8268.7	7573.9	6644.0	5714.1	4784.2	3854.3	3145.2	2437.9
0.0	0.0	30°	10760.4	10013.6	9266.8	8184.3	7101.8	6019.3	4936.8	4050.0	3163.1
0.0	0.0	32.5°	12318.6	11424.6	10530.6	9414.0	8297.4	7180.8	6064.2	4976.3	3888.4
0.0	0.0	35°	14115.6	13072.6	12027.8	10789.1	9548.6	8310.0	7071.3	5843.4	4613.7
0.0	0.0	37.5°	16399.1	15119.1	13837.4	12456.9	11076.4	9697.6	8317.1	6913.3	5509.5
0.0	0.0	40°	20770.4	19118.8	17467.3	15713.3	13957.6	12203.7	10449.8	8726.4	7003.1
0.0	0.0	42.5°	28602.9	26371.4	24140.0	21806.2	19470.7	17136.9	14801.4	12370.7	9938.2
0.0	0.0	45°	37442.4	34674.2	31904.2	29285.0	26664.0	24044.8	21425.7	18090.2	14754.7
0.0	0.0	47.5°	42413.3	39424.3	36435.3	33956.1	31477.0	28997.8	26518.6	22922.9	19327.1
0.0	0.0	50°	44242.6	41199.7	38156.9	35875.2	33591.7	31310.0	29026.5	25425.4	21822.4
0.0	0.0	52.5°	44632.2	41528.3	38424.4	36128.3	33832.3	31538.0	29241.9	25664.1	22086.3
0.0	0.0	55°	45432.8	42102.7	38770.8	36153.4	33536.0	30918.7	28301.3	24666.0	21030.7
0.0	0.0	57.5°	46479.4	43064.9	39650.5	36668.7	33686.8	30706.8	27725.0	23750.4	19775.9
0.0	0.0	60°	46204.7	43233.7	40260.9	37067.2	33871.8	30678.1	27482.6	23111.3	18738.3
0.0	0.0	62.5°	41436.7	39070.6	36702.8	34076.4	31448.2	28821.9	26195.5	21694.9	17194.4
0.0	0.0	65°	34089.0	32362.0	30635.0	28522.1	26407.3	24294.4	22181.4	18145.8	14112.0
0.0	0.0	67.5°	27628.1	25682.1	23734.3	22050.4	20364.7	18680.8	16995.1	13819.4	10643.7
		70°	21949.9	19833.3	17715.0	16070.6	14424.4	12780.0	11135.6	9024.4	6915.1
		72.5°	17431.3	15523.1	13614.8	11860.9	10105.2	8351.2	6595.5	5347.9	4100.2
		75°	8331.5	7568.5	6805.6	5888.2	4970.9	4053.6	3136.2	2592.3	2050.1
		77.5°	3087.7	2676.6	2263.7	1890.3	1516.9	1145.3	771.9	707.3	642.7
		80°	798.9	696.5	592.4	518.8	443.4	369.8	296.2	267.5	240.6
		82.5°	91.6	84.4	79.0	75.4	70.0	66.4	61.0	55.7	50.3
		85°	5.4	3.6	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):

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REPORT NUMBER: P1064909

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	104.1	104.1
0.0	0.0	2.5°	96.9	95.1
0.0	0.0	5°	102.3	100.5
0.0	0.0	7.5°	113.1	109.5
0.0	0.0	10°	123.9	120.3
0.0	0.0	12.5°	140.0	134.6
0.0	0.0	15°	158.0	147.2
0.0	0.0	17.5°	188.5	165.2
0.0	0.0	20°	254.9	195.7
0.0	0.0	22.5°	359.0	244.1
0.0	0.0	25°	527.8	337.5
0.0	0.0	27.5°	734.2	448.8
0.0	0.0	30°	976.6	561.9
0.0	0.0	32.5°	1190.2	669.6
0.0	0.0	35°	1468.5	779.1
0.0	0.0	37.5°	1811.4	919.1
0.0	0.0	40°	2342.7	1131.0
0.0	0.0	42.5°	3299.6	1522.3
0.0	0.0	45°	5358.7	2631.8
0.0	0.0	47.5°	8245.3	4353.3
0.0	0.0	50°	10087.2	5556.1
0.0	0.0	52.5°	10238.0	5547.2
0.0	0.0	55°	9345.8	4931.4
0.0	0.0	57.5°	7974.3	4121.8
0.0	0.0	60°	6627.9	3260.1
0.0	0.0	62.5°	5222.2	2251.2
0.0	0.0	65°	3816.6	1592.3
0.0	0.0	67.5°	2741.3	1190.2
		70°	1802.4	912.0
		72.5°	1174.1	743.2
		75°	789.9	615.8
		77.5°	461.4	409.3
		80°	163.4	143.6
		82.5°	30.5	21.5
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1064909

CATALOG NUMBER: GLAN-SA8A-850-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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

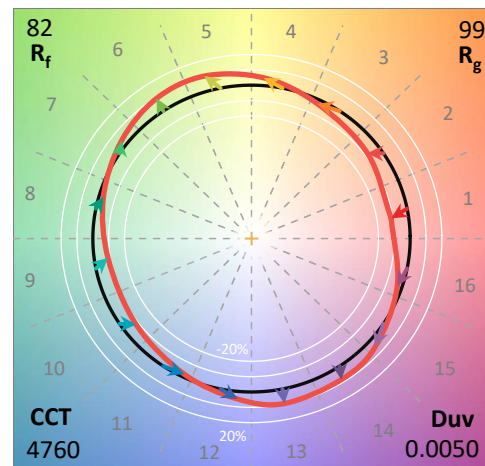
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-12
 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-850-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4760
 CIE u' : 0.2107
 CIE v' : 0.4939
 Duv: 0.0050
 CIE x: 0.3537
 CIE y: 0.3685
 CIE z: 0.2779
 Peak Wavelength (nm): 443
 Dominant Wavelength (nm): 571
 Purity: 16.69598
 R_f: 82
 R_g: 99.4

CRI (Ra): 81.1
 R1: 79.8
 R2: 83.5
 R3: 87.9
 R4: 83.1
 R5: 80.5
 R6: 79.1
 R7: 86.1
 R8: 69.0
 R9: 8.7
 R10: 62.4
 R11: 83.8
 R12: 63.0
 R13: 79.9
 R14: 93.3
 R15: 72.7



Test Conditions

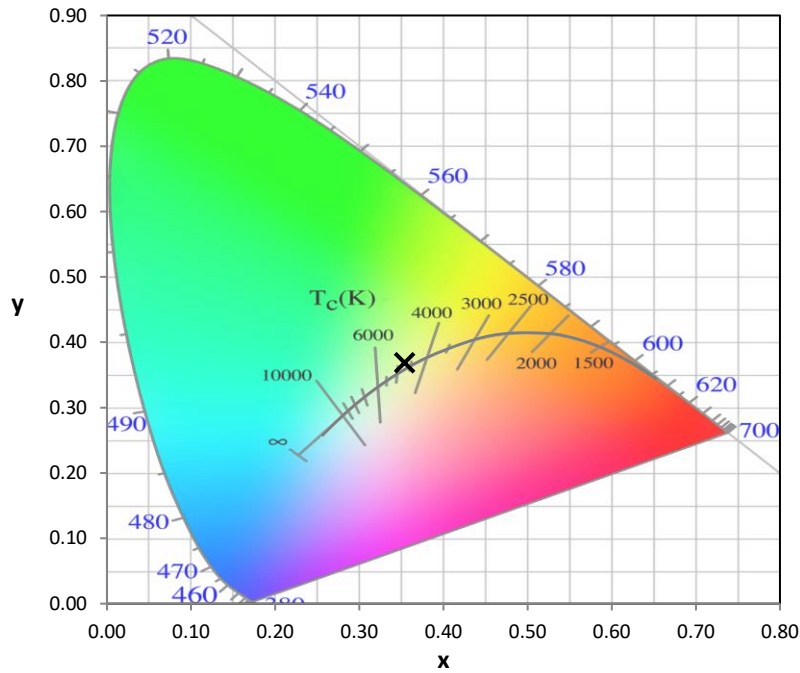
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-12

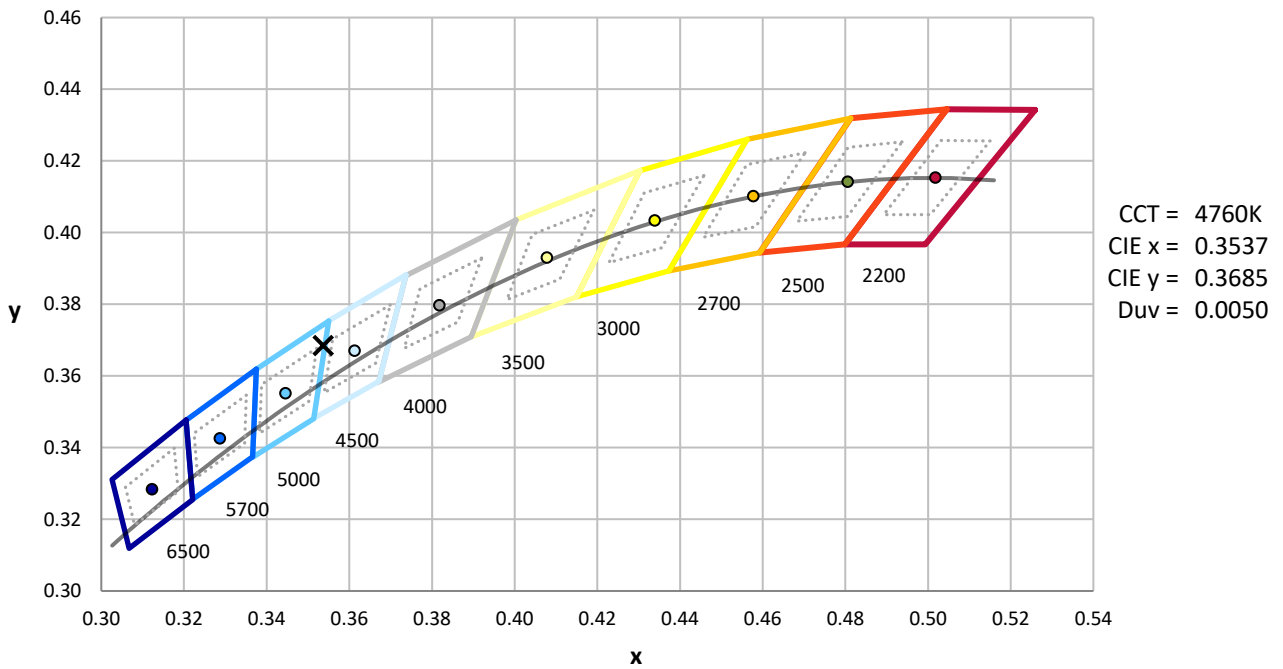
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



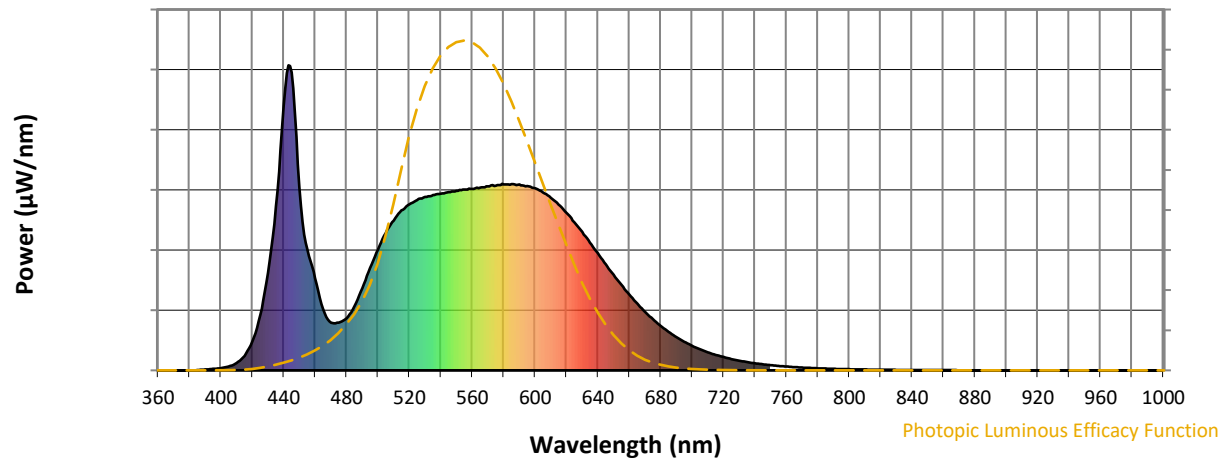
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

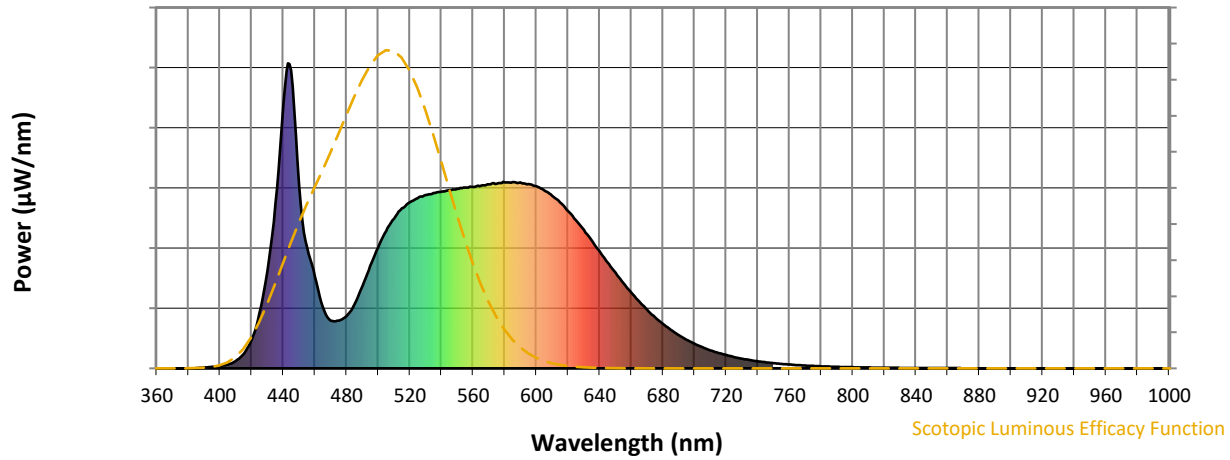


Photopic Lumens: NR

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Scotopic Flux vs. Wavelength



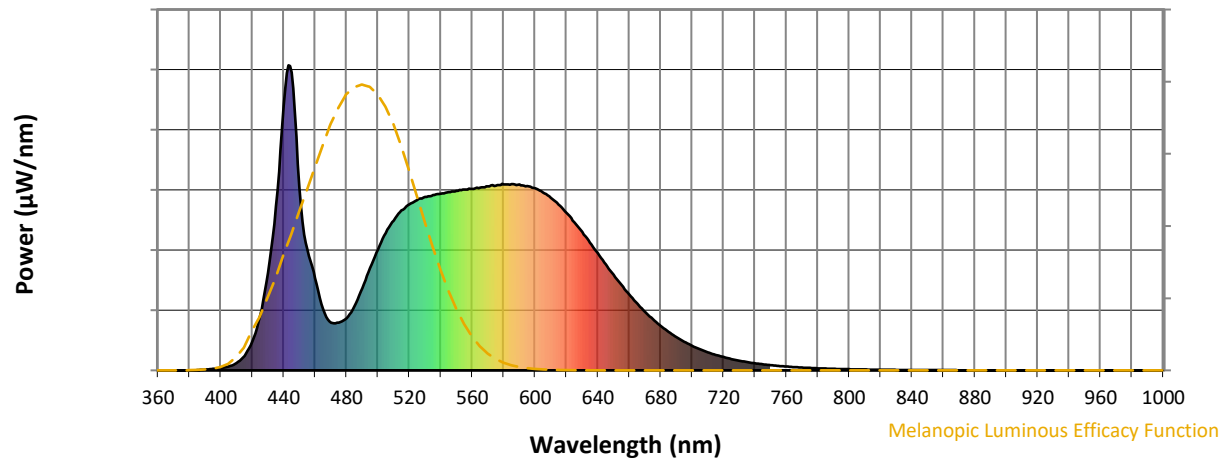
Scotopic Lumens: NR

S/P: 1.83

λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.74

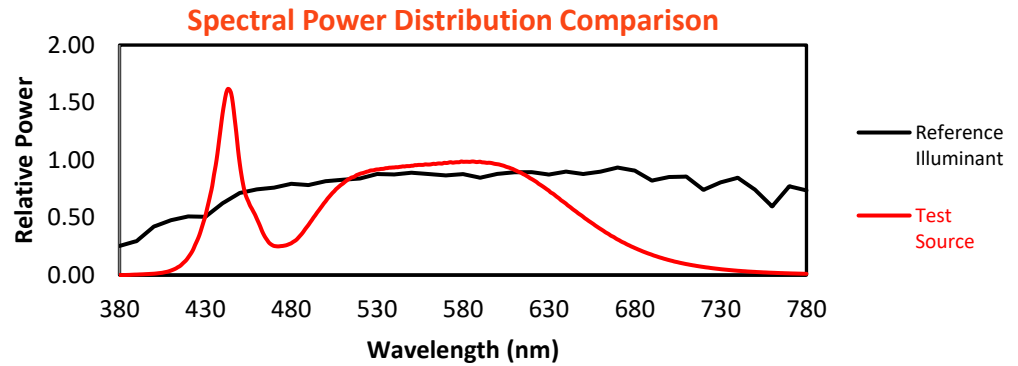
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

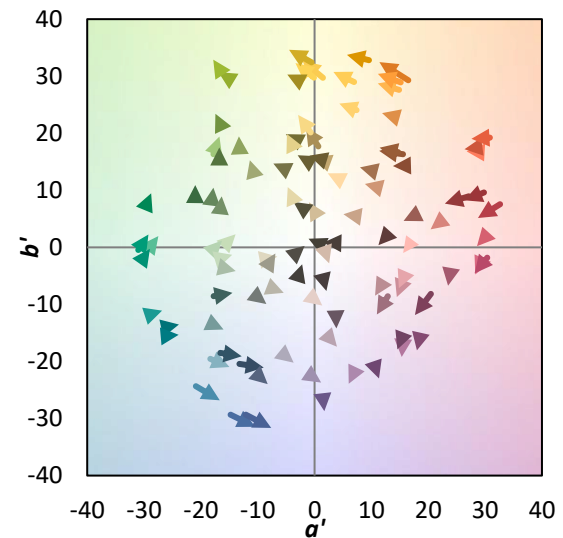
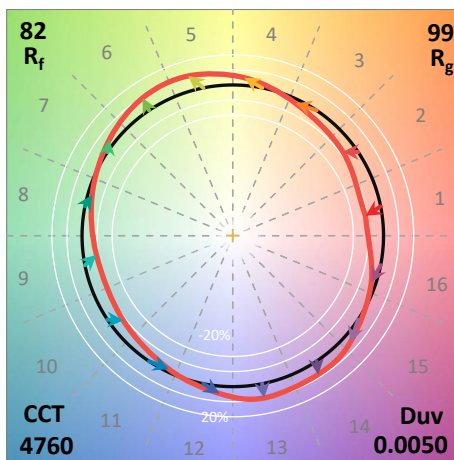
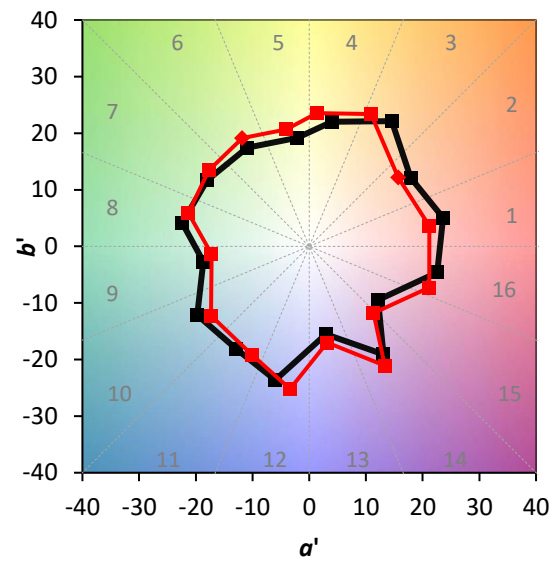
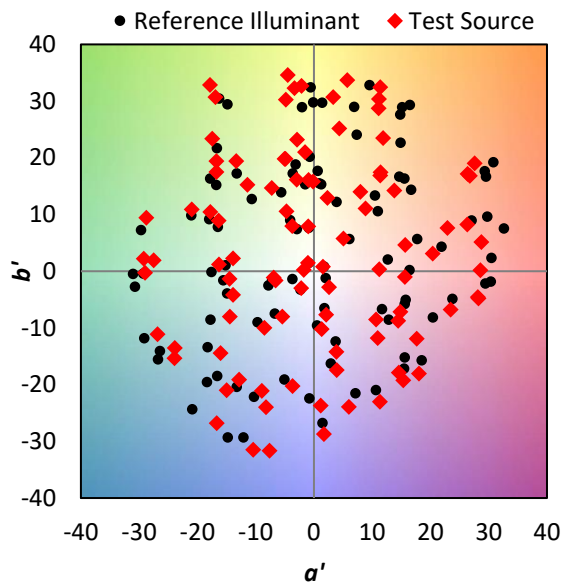
TM-30-18

Summary

$R_f = 82$
 $R_g = 99.4$
 $\text{CIE } R_a = 81.1$
 $R_9 = 8.7$

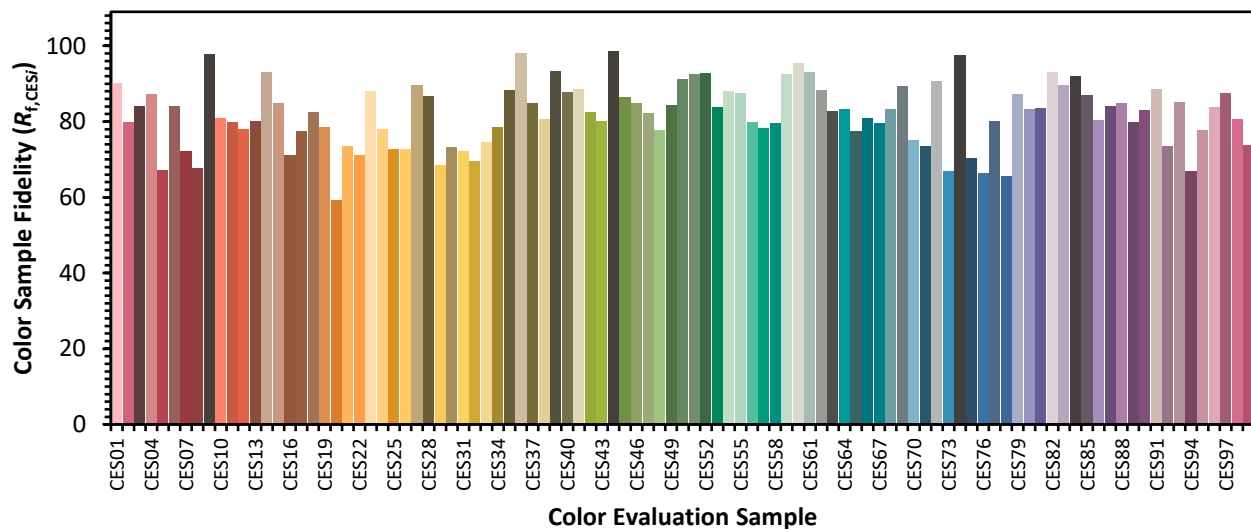


Color Vector Graphics

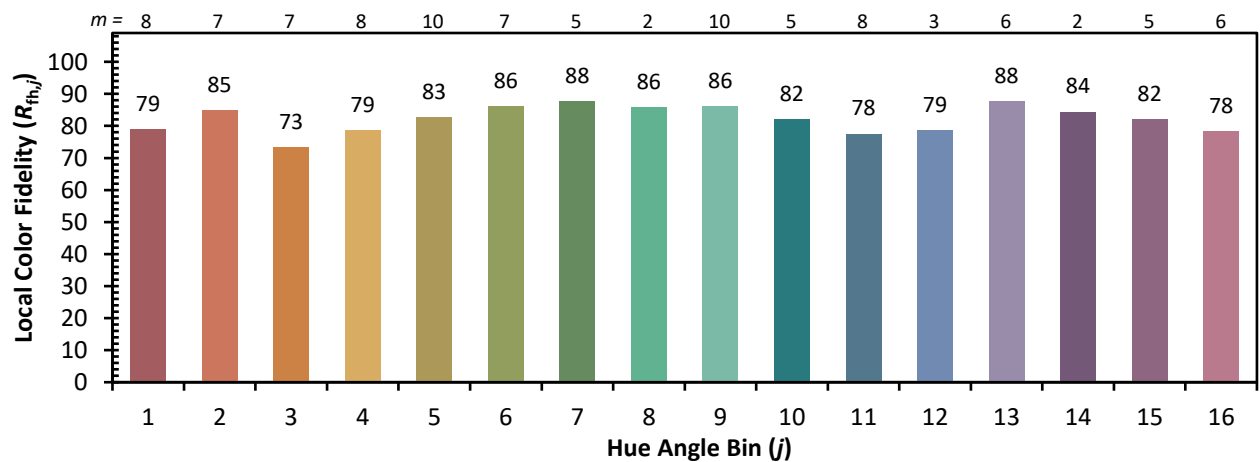
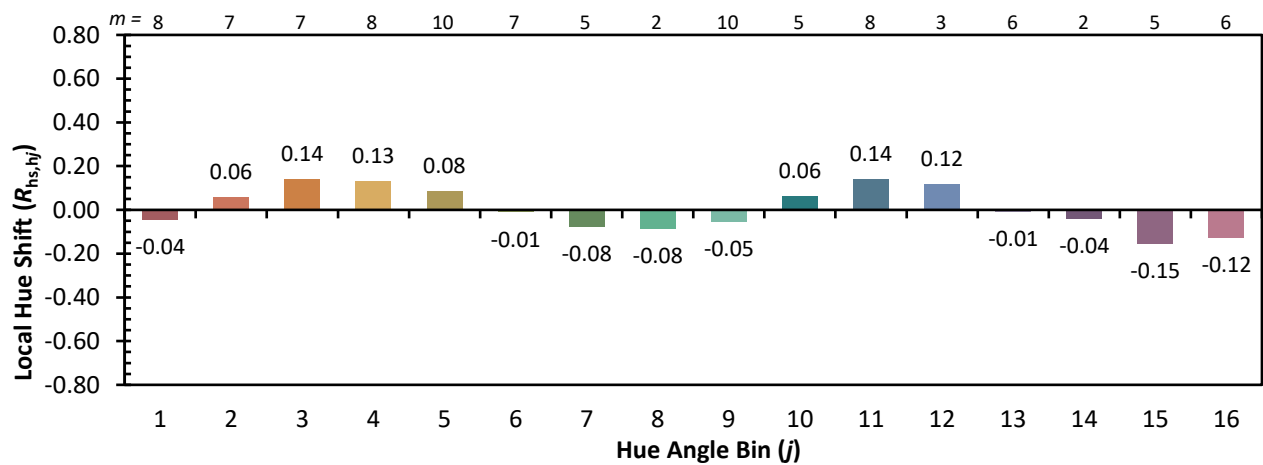
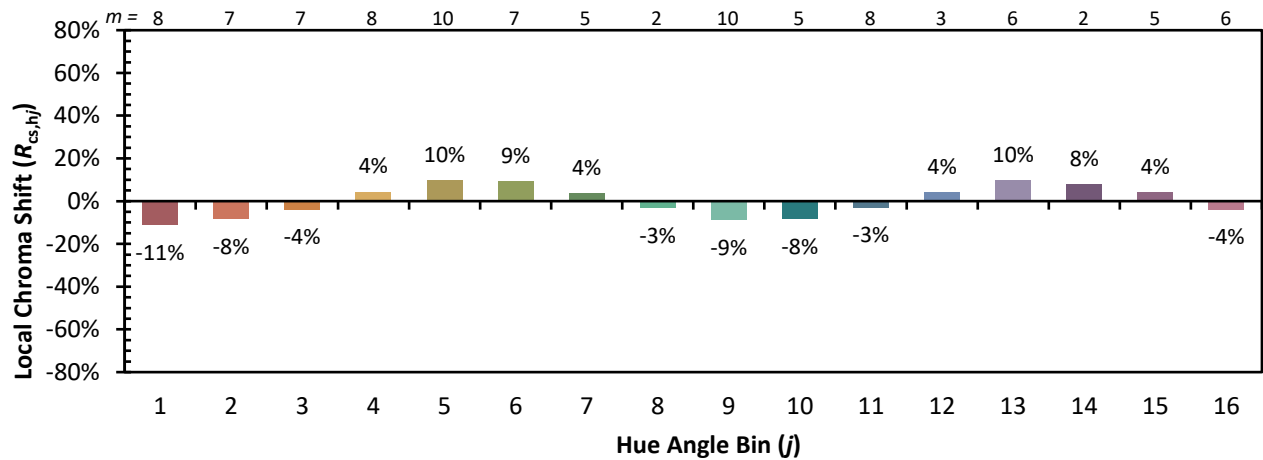


Individual Sample Fidelity Index ($R_{f,i}$)

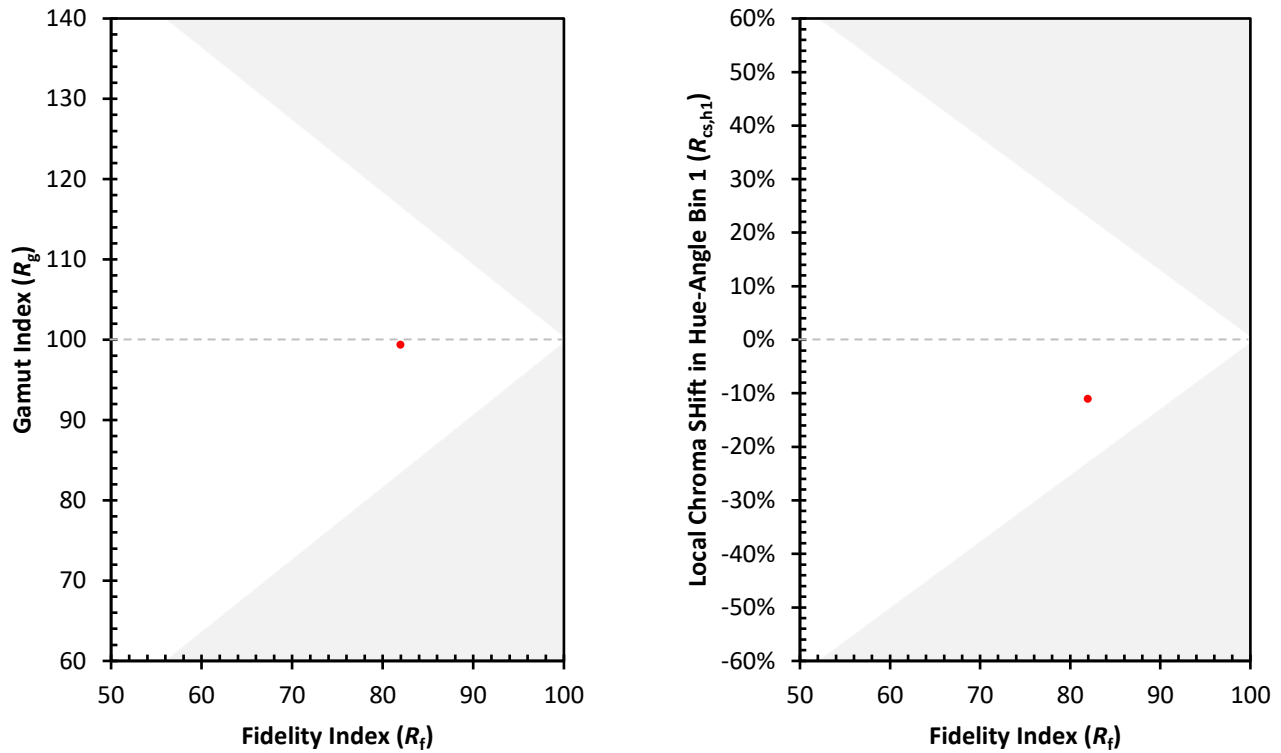
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)