

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: P1065037

Luminaire Tested: **GLAN-SA4A-940-U-RBC**

Issue Date: 08/07/2025



Test Information

Test Method: LM-79-08
Report Number: P1065037
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA4A-940-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE
90CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9721.7 lumens
Efficiency: N/A
Efficacy: 90.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

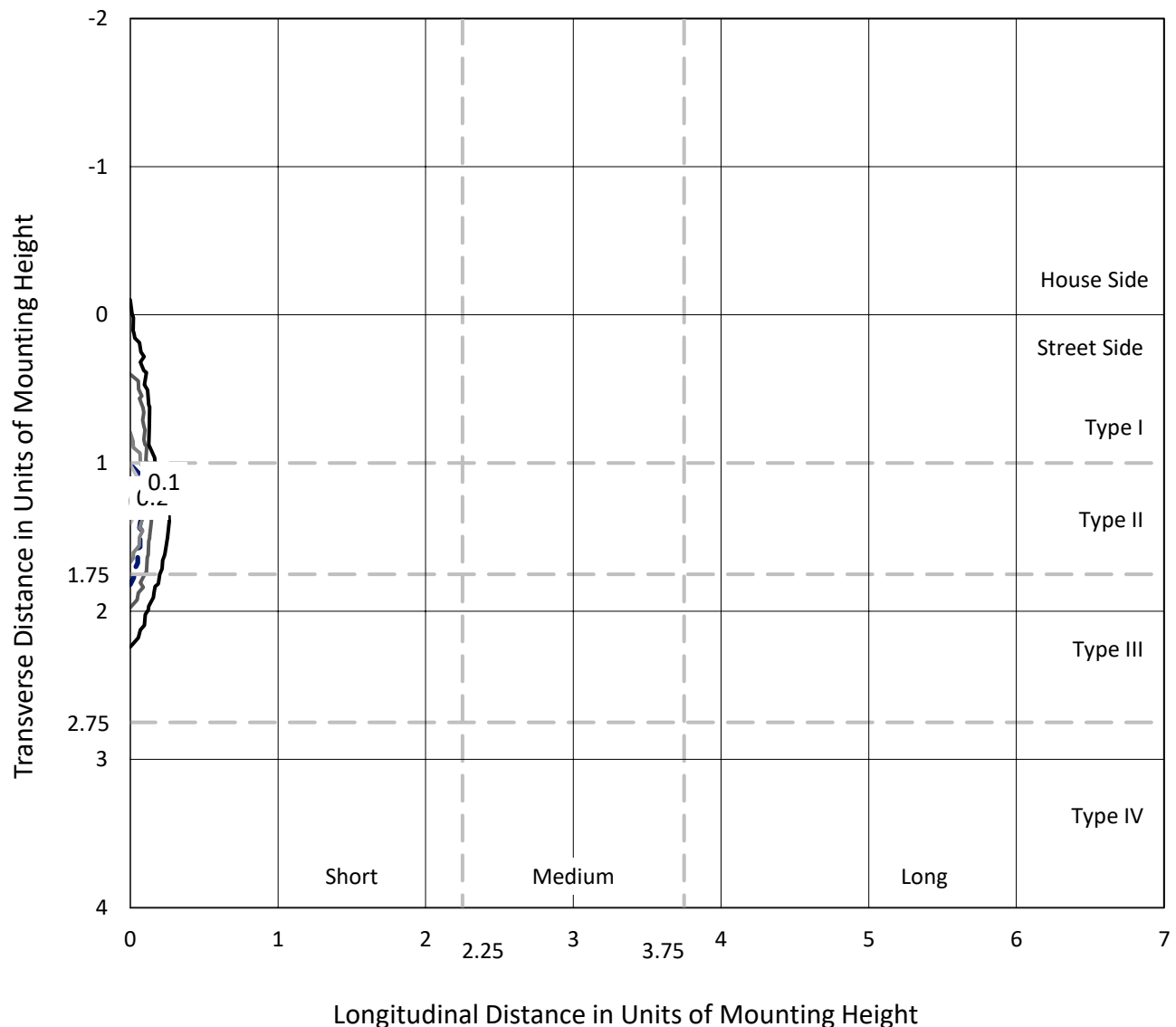
Input Watts (W): 107.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

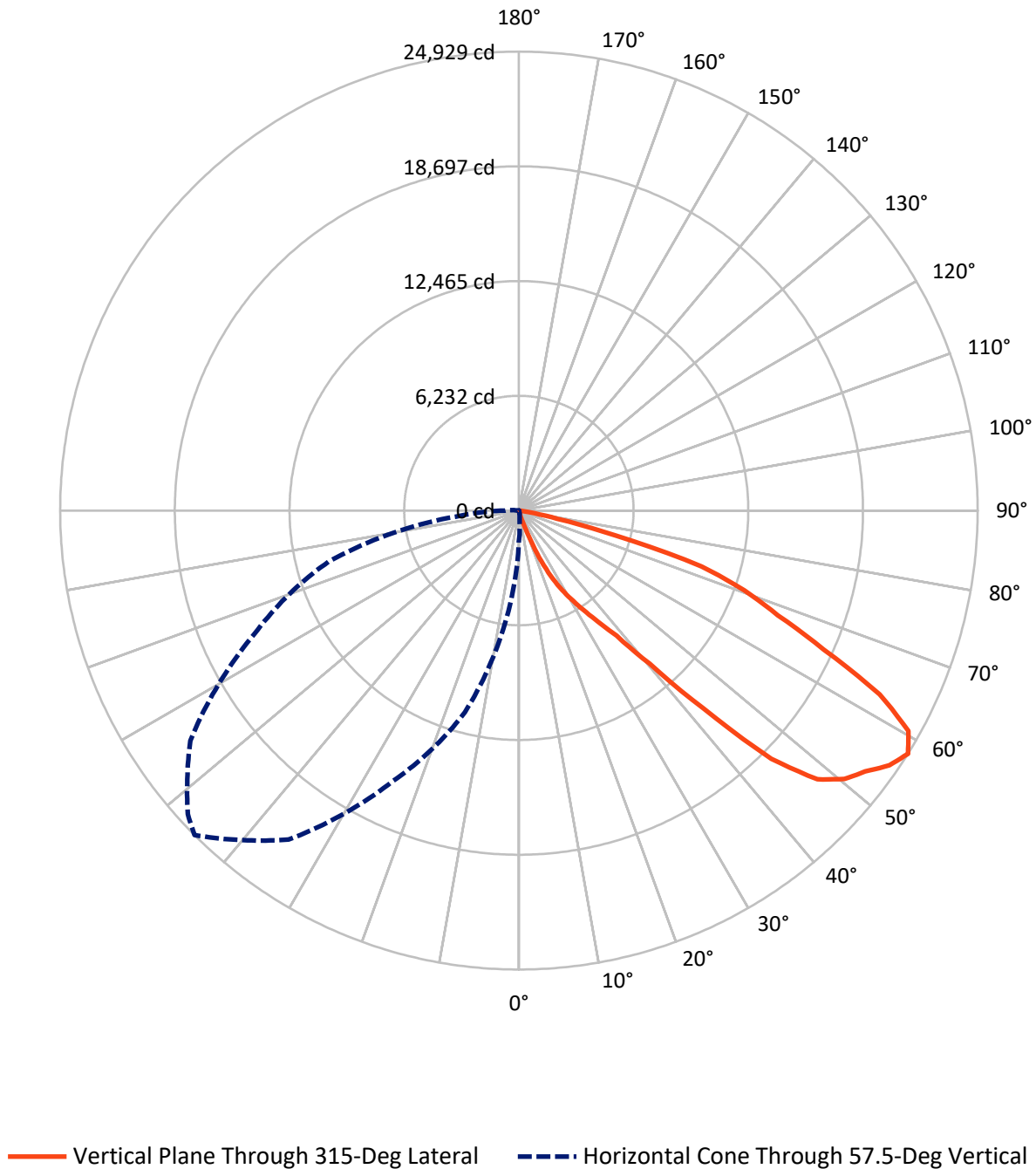
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.4 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	48.7	0.0	48.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	9673.0	0.0	9673.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	9721.7	0.0	9721.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.8	0.0
10°-20°	21.4	0.2
20°-30°	230.4	2.4
30°-40°	681.3	7.0
40°-50°	2030.5	20.9
50°-60°	3219.6	33.1
60°-70°	2687.6	27.6
70°-80°	828.7	8.5
80°-90°	18.4	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°	9721.7	100.0
0°-180°	9721.7	100.0



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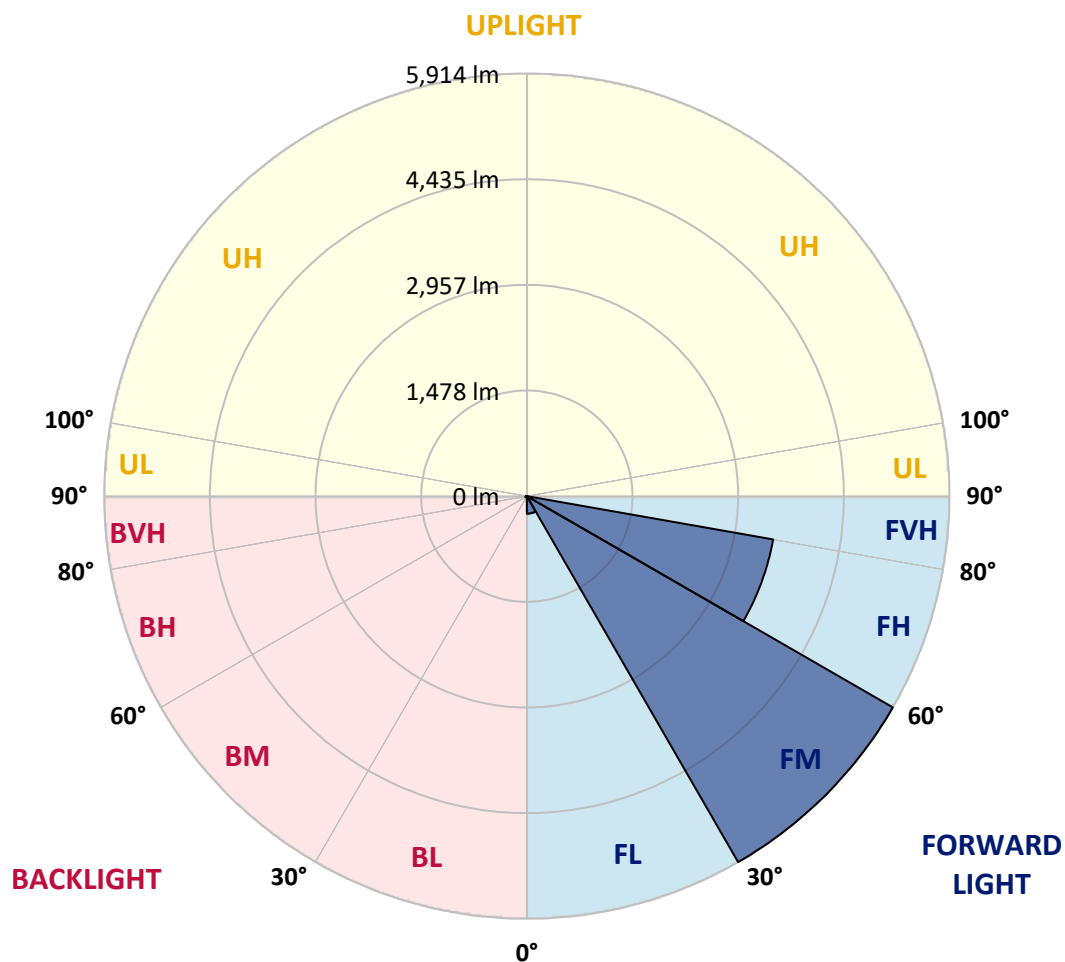
CATALOG NUMBER: GLAN-SA4A-940-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	246.6	2.5			
FM	(30°-60°)	5914.0	60.8			
FH	(60°-80°)	3498.2	36.0			G2/5000
FVH	(80°-90°)	14.2	0.1			G1/100
BL	(0°-30°)	8.9	0.1	B0/110		
BM	(30°-60°)	17.4	0.2	B0/220		
BH	(60°-80°)	18.2	0.2	B0/110		G0/110
BVH	(80°-90°)	4.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

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°	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
2.5°	38.9	38.9	38.9	38.9	38.2	38.2	37.5	37.5	36.7	36.7
5°	41.1	41.1	40.4	39.7	39.7	38.9	38.2	37.5	37.5	36.7
7.5°	44.8	44.1	43.3	42.6	41.1	40.4	38.9	38.2	37.5	36.0
10°	49.2	47.8	46.3	44.8	43.3	41.9	40.4	39.7	38.2	37.5
12.5°	55.1	52.9	50.0	47.8	46.3	44.1	42.6	41.1	38.9	37.5
15°	60.2	57.3	53.6	50.7	48.5	45.5	43.3	41.1	39.7	37.5
17.5°	67.6	62.4	56.6	52.9	50.0	46.3	42.6	40.4	38.2	35.3
20°	80.1	69.8	58.8	54.4	50.0	45.5	41.1	38.2	36.0	33.1
22.5°	99.9	82.3	64.6	58.0	52.2	45.5	39.7	36.7	33.8	30.9
25°	138.1	106.5	74.9	66.1	57.3	48.5	39.7	36.0	33.1	29.4
27.5°	183.7	136.6	88.9	76.4	64.6	52.2	39.7	35.3	31.6	27.2
30°	229.9	167.5	104.3	88.2	72.0	55.8	39.7	34.5	30.1	25.0
32.5°	274.0	196.2	117.5	98.4	79.3	59.5	40.4	34.5	28.7	22.8
35°	318.8	219.7	119.7	99.9	80.1	59.5	39.7	33.1	27.2	20.6
37.5°	376.1	246.1	115.3	95.5	76.4	56.6	37.5	31.6	25.7	19.1
40°	462.8	290.2	117.5	97.0	76.4	55.8	35.3	29.4	24.2	18.4
42.5°	623.0	375.4	127.1	103.6	80.1	55.8	32.3	27.2	22.8	17.6
45°	1077.0	623.7	170.4	135.2	99.9	64.6	29.4	25.0	21.3	16.9
47.5°	1781.5	1043.9	306.4	236.6	167.5	97.7	28.7	25.0	21.3	16.9
50°	2273.8	1329.7	385.7	296.8	207.9	119.0	30.1	25.7	22.0	17.6
52.5°	2270.1	1350.3	429.8	329.9	230.7	130.8	31.6	27.2	23.5	19.1
55°	2018.1	1228.3	437.9	336.5	235.8	134.4	33.8	29.4	25.0	20.6
57.5°	1686.8	1043.2	399.7	309.3	219.7	129.3	38.9	33.8	29.4	24.2
60°	1334.1	822.8	311.5	246.1	181.5	116.1	51.4	44.8	38.9	32.3
62.5°	921.3	596.5	271.8	218.2	165.3	111.7	58.8	52.2	46.3	39.7
65°	651.6	448.9	245.4	199.8	155.0	109.5	63.9	56.6	50.0	42.6
67.5°	487.1	357.0	226.3	187.3	148.4	109.5	70.5	61.7	53.6	44.8
70°	373.2	293.1	212.3	180.7	149.9	118.3	86.7	74.2	62.4	50.0
72.5°	304.1	250.5	196.2	173.4	150.6	127.8	105.1	88.9	72.7	55.8
75°	252.0	214.5	177.1	158.0	139.6	120.5	101.4	86.7	72.7	58.0
77.5°	167.5	152.8	137.4	126.4	115.3	103.6	92.6	80.1	68.3	55.8
80°	58.8	56.6	54.4	58.8	63.2	67.6	72.0	63.2	55.1	46.3
82.5°	8.8	8.1	7.3	8.1	8.8	9.6	10.3	11.0	11.8	12.5
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°	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
0.0	2.5°	36.0	36.0	35.3	35.3	35.3	34.5	34.5	33.8	33.8	33.8
0.0	5°	35.3	35.3	34.5	33.8	33.1	33.1	32.3	31.6	31.6	30.9
0.0	7.5°	34.5	33.8	33.1	32.3	31.6	30.9	30.1	29.4	29.4	28.7
0.0	10°	35.3	33.8	33.1	31.6	30.9	30.1	28.7	27.9	27.2	27.2
0.0	12.5°	33.8	33.1	31.6	30.1	29.4	27.9	27.2	25.7	25.0	25.0
0.0	15°	33.8	32.3	30.1	28.7	27.2	26.4	25.0	23.5	22.8	22.0
0.0	17.5°	31.6	30.1	27.9	26.4	25.0	23.5	22.0	20.6	19.8	19.1
0.0	20°	28.7	27.2	25.0	22.8	21.3	19.8	18.4	16.9	16.2	15.4
0.0	22.5°	25.7	24.2	22.0	19.8	18.4	16.9	14.7	13.2	12.5	11.0
0.0	25°	24.2	22.0	19.8	17.6	15.4	14.0	11.8	9.6	8.1	6.6
0.0	27.5°	20.6	18.4	16.2	14.0	11.8	9.6	7.3	5.1	3.7	2.9
0.0	30°	17.6	15.4	13.2	11.0	8.1	5.9	3.7	0.7	0.7	0.7
0.0	32.5°	14.7	12.5	9.6	7.3	5.9	3.7	2.2	0.0	0.0	0.0
0.0	35°	11.8	9.6	6.6	4.4	3.7	2.2	1.5	0.0	0.0	0.0
0.0	37.5°	10.3	8.1	5.1	2.2	1.5	1.5	0.7	0.0	0.0	0.0
0.0	40°	9.6	6.6	3.7	0.7	0.7	0.7	0.0	0.0	0.0	0.0
0.0	42.5°	9.6	6.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	9.6	6.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	9.6	6.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	10.3	7.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	11.8	8.8	5.9	2.9	2.2	1.5	0.7	0.0	0.0	0.0
0.0	55°	14.7	13.2	11.0	9.6	7.3	5.1	2.2	0.0	0.0	0.0
0.0	57.5°	19.1	19.1	18.4	17.6	13.2	8.8	4.4	0.0	0.0	0.0
0.0	60°	25.7	25.7	25.7	25.7	19.1	13.2	6.6	0.0	0.0	0.0
0.0	62.5°	31.6	30.1	27.9	26.4	19.8	13.2	6.6	0.0	0.0	0.0
0.0	65°	31.6	28.7	25.0	21.3	16.2	11.0	5.1	0.0	0.0	0.0
0.0	67.5°	29.4	23.5	16.9	11.0	8.1	5.9	2.9	0.0	0.0	0.0
	70°	29.4	20.6	11.8	2.9	2.2	1.5	0.7	0.0	0.0	0.0
	72.5°	29.4	19.8	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	32.3	22.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	32.3	22.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	28.7	19.1	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	9.6	6.6	2.9	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°	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
0.0	2.5°	33.1	33.1	33.1	32.3	32.3	32.3	32.3	31.6	31.6	31.6
0.0	5°	30.1	30.1	29.4	29.4	28.7	28.7	27.9	27.9	27.2	27.2
0.0	7.5°	27.9	27.2	27.2	26.4	25.7	25.7	25.0	25.0	24.2	23.5
0.0	10°	25.7	25.0	25.0	24.2	23.5	22.8	22.8	22.0	21.3	20.6
0.0	12.5°	23.5	22.8	22.0	21.3	20.6	19.8	19.8	19.1	18.4	17.6
0.0	15°	20.6	19.8	19.1	18.4	17.6	16.9	16.9	16.2	15.4	14.7
0.0	17.5°	17.6	16.9	16.9	16.2	15.4	14.7	14.0	12.5	11.8	11.0
0.0	20°	13.2	12.5	11.8	11.0	10.3	8.8	8.1	6.6	5.1	4.4
0.0	22.5°	8.8	7.3	6.6	5.1	3.7	2.9	2.2	0.7	0.0	0.0
0.0	25°	2.9	2.2	1.5	0.7	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-SA4A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065037

CATALOG NUMBER: GLAN-SA4A-940-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
0.0	2.5°	30.9	30.9	30.9	30.1	30.1	30.1	30.1	30.1	30.1	30.1
0.0	5°	26.4	26.4	26.4	25.7	25.7	25.0	25.0	25.0	24.2	24.2
0.0	7.5°	22.8	22.0	22.0	21.3	21.3	20.6	20.6	20.6	19.8	19.8
0.0	10°	19.1	18.4	18.4	17.6	17.6	16.9	16.9	16.2	16.2	15.4
0.0	12.5°	16.9	16.2	15.4	14.7	14.7	14.0	13.2	13.2	12.5	11.8
0.0	15°	13.2	12.5	11.8	11.0	10.3	9.6	8.8	8.8	8.1	7.3
0.0	17.5°	8.8	7.3	6.6	5.9	5.9	5.1	4.4	3.7	2.9	2.2
0.0	20°	2.2	1.5	0.7	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: P1065037

CATALOG NUMBER: GLAN-SA4A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065037

CATALOG NUMBER: GLAN-SA4A-940-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°	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
0.0	2.5°	30.1	29.4	29.4	29.4	30.1	30.1	30.1	30.1	30.1	30.1
0.0	5°	24.2	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
0.0	7.5°	19.8	19.1	19.1	19.1	19.1	18.4	18.4	18.4	18.4	18.4
0.0	10°	15.4	14.7	14.7	14.7	14.7	14.0	14.0	14.0	14.0	14.0
0.0	12.5°	11.0	11.0	10.3	10.3	10.3	9.6	9.6	9.6	9.6	8.8
0.0	15°	6.6	5.9	5.1	5.1	5.1	4.4	4.4	4.4	4.4	3.7
0.0	17.5°	1.5	1.5	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065037

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
0.0	2.5°	30.9	30.9	31.6	31.6	32.3	33.8	34.5	35.3	36.7	38.2
0.0	5°	24.2	25.0	25.0	25.7	26.4	27.2	27.9	28.7	30.1	31.6
0.0	7.5°	19.1	19.1	19.8	19.8	20.6	22.0	22.8	23.5	25.0	27.2
0.0	10°	14.7	14.7	15.4	15.4	16.2	17.6	18.4	19.1	20.6	22.8
0.0	12.5°	9.6	10.3	10.3	11.0	11.8	13.2	14.0	14.7	16.2	17.6
0.0	15°	4.4	5.1	5.1	5.9	6.6	8.1	8.8	9.6	11.0	13.2
0.0	17.5°	0.7	0.7	1.5	1.5	2.2	2.9	3.7	4.4	6.6	8.1
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.9
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065037

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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
0.0	2.5°	40.4	41.9	43.3	44.8	46.3	47.8	48.5	50.0	50.7	51.4
0.0	5°	34.5	36.0	38.2	39.7	41.1	42.6	44.1	44.8	45.5	46.3
0.0	7.5°	30.1	31.6	33.8	35.3	36.7	38.2	39.7	41.1	41.9	42.6
0.0	10°	25.7	27.9	29.4	31.6	33.1	34.5	36.0	37.5	38.9	39.7
0.0	12.5°	20.6	22.8	25.0	26.4	28.7	30.9	32.3	33.8	35.3	36.7
0.0	15°	16.2	18.4	20.6	22.0	24.2	26.4	28.7	30.1	31.6	33.1
0.0	17.5°	11.8	14.0	16.2	17.6	19.8	22.0	23.5	25.7	27.2	28.7
0.0	20°	5.9	8.1	10.3	12.5	14.7	16.9	18.4	20.6	22.0	23.5
0.0	22.5°	0.7	2.9	5.1	6.6	8.8	11.0	12.5	14.7	16.2	17.6
0.0	25°	0.0	0.7	2.2	2.9	3.7	5.1	6.6	8.1	9.6	11.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.7	1.5	2.9	4.4	5.9
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
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	0.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.5
	85°	0.0	0.0	0.0	0.0	0.0	1.5	2.2	3.7	4.4	5.1
	87.5°	0.0	0.7	1.5	2.2	2.9	4.4	5.9	7.3	8.1	8.8
	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



REPORT NUMBER: P1065037

CATALOG NUMBER: GLAN-SA4A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065037

CATALOG NUMBER: GLAN-SA4A-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
0.0	2.5°	52.2	52.2	52.2	52.2	51.4	51.4	51.4	50.7	50.7	50.0
0.0	5°	47.8	48.5	48.5	48.5	48.5	48.5	48.5	48.5	47.8	47.8
0.0	7.5°	44.1	44.8	45.5	45.5	46.3	46.3	46.3	45.5	45.5	44.8
0.0	10°	41.9	42.6	42.6	43.3	43.3	43.3	43.3	43.3	43.3	43.3
0.0	12.5°	38.9	39.7	40.4	40.4	41.1	41.1	41.1	41.1	40.4	40.4
0.0	15°	35.3	36.7	37.5	38.2	38.2	38.9	38.9	38.9	38.9	38.9
0.0	17.5°	32.3	33.8	34.5	35.3	35.3	36.0	36.0	36.7	36.7	36.7
0.0	20°	26.4	27.9	28.7	30.1	30.9	31.6	32.3	33.1	33.1	33.8
0.0	22.5°	20.6	22.0	22.8	24.2	25.0	25.7	26.4	27.2	27.9	28.7
0.0	25°	14.7	16.2	16.9	18.4	19.1	19.8	20.6	21.3	21.3	22.0
0.0	27.5°	8.1	9.6	11.0	11.8	13.2	14.0	14.7	15.4	16.2	16.9
0.0	30°	3.7	4.4	5.1	6.6	7.3	8.1	8.8	10.3	11.0	11.8
0.0	32.5°	0.0	0.0	0.7	2.2	2.9	3.7	4.4	5.1	5.1	5.9
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	2.2	2.9
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°	1.5	1.5	1.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	82.5°	3.7	4.4	5.1	5.1	5.9	5.9	5.9	5.9	5.1	5.1
	85°	7.3	8.1	8.8	8.8	9.6	9.6	9.6	9.6	9.6	9.6
	87.5°	10.3	11.0	11.8	11.8	12.5	12.5	12.5	12.5	12.5	12.5
	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: P1065037

CATALOG NUMBER: GLAN-SA4A-940-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
42.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	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											
2.2											
5.1											
9.6											
12.5											
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REPORT NUMBER: P1065037

CATALOG NUMBER: GLAN-SA4A-940-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°	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
0.0	2.5°	49.2	49.2	48.5	48.5	48.5	48.5	48.5	49.2	50.0	50.0
0.0	5°	47.0	47.0	46.3	46.3	46.3	47.0	47.0	47.8	48.5	49.2
0.0	7.5°	44.8	44.1	44.1	44.8	44.8	45.5	45.5	46.3	47.0	47.8
0.0	10°	43.3	42.6	42.6	42.6	43.3	43.3	44.1	44.8	45.5	46.3
0.0	12.5°	40.4	40.4	40.4	40.4	41.1	41.1	41.9	42.6	44.1	44.8
0.0	15°	38.9	38.2	38.2	38.2	38.2	38.9	38.9	40.4	41.9	42.6
0.0	17.5°	36.0	36.0	35.3	35.3	36.0	36.0	36.7	38.2	39.7	40.4
0.0	20°	33.1	32.3	31.6	31.6	32.3	32.3	33.1	34.5	36.0	36.7
0.0	22.5°	28.7	27.9	27.9	27.9	27.9	28.7	28.7	30.1	32.3	33.8
0.0	25°	22.8	23.5	23.5	24.2	24.2	25.0	25.7	27.2	29.4	30.9
0.0	27.5°	17.6	18.4	18.4	19.8	20.6	21.3	22.0	24.2	26.4	27.9
0.0	30°	13.2	14.0	14.7	15.4	16.9	18.4	19.8	22.0	24.2	25.7
0.0	32.5°	8.1	9.6	10.3	11.8	13.2	14.7	16.2	18.4	21.3	23.5
0.0	35°	5.9	6.6	8.1	8.8	10.3	11.8	13.2	16.2	18.4	21.3
0.0	37.5°	2.9	4.4	5.9	7.3	8.8	10.3	11.8	14.7	17.6	19.8
0.0	40°	2.2	3.7	4.4	5.9	8.1	9.6	11.0	14.0	16.9	19.8
0.0	42.5°	1.5	2.2	2.9	5.1	6.6	8.8	11.0	14.0	16.9	19.8
0.0	45°	1.5	1.5	2.2	4.4	6.6	9.6	11.8	14.7	16.9	19.8
0.0	47.5°	1.5	2.2	2.9	5.9	7.3	9.6	11.8	14.0	16.9	19.1
0.0	50°	2.2	2.9	3.7	6.6	8.1	10.3	11.8	14.7	16.9	19.8
0.0	52.5°	1.5	2.2	2.9	5.9	8.1	11.0	13.2	16.2	19.1	21.3
0.0	55°	0.7	0.7	0.7	4.4	8.8	12.5	16.9	19.1	22.0	24.2
0.0	57.5°	0.0	0.0	0.0	2.9	8.8	14.0	19.1	22.0	25.0	27.2
0.0	60°	0.0	0.0	0.0	2.9	8.8	14.0	19.1	22.8	26.4	30.1
0.0	62.5°	0.0	0.0	0.0	2.9	7.3	11.8	16.2	22.0	28.7	34.5
0.0	65°	0.0	0.0	0.0	2.2	5.9	9.6	13.2	22.0	30.9	38.9
0.0	67.5°	0.0	0.0	0.0	2.2	5.9	8.8	12.5	22.0	30.9	40.4
	70°	0.0	0.0	0.0	2.2	5.9	9.6	13.2	22.0	30.9	39.7
	72.5°	0.0	0.0	0.0	2.2	6.6	10.3	14.7	22.0	29.4	36.7
	75°	0.0	0.0	0.0	2.9	6.6	11.0	15.4	22.0	28.7	34.5
	77.5°	0.0	0.0	0.0	2.2	6.6	10.3	14.7	21.3	27.9	33.8
	80°	2.2	1.5	1.5	3.7	6.6	9.6	12.5	19.1	26.4	33.1
	82.5°	4.4	4.4	3.7	5.1	6.6	8.8	11.0	16.9	23.5	29.4
	85°	8.8	8.8	8.1	8.8	8.8	9.6	10.3	13.2	16.2	19.1
	87.5°	11.8	11.8	11.0	11.0	11.0	10.3	10.3	10.3	10.3	9.6
	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: P1065037

CATALOG NUMBER: GLAN-SA4A-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
42.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.3	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
30.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.5											
44.1											
41.1											
40.4											
39.7											
35.3											
22.0											
9.6											
0.0											
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REPORT NUMBER: P1065037

CATALOG NUMBER: GLAN-SA4A-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
0.0	2.5°	51.4	52.2	52.2	52.9	53.6	54.4	54.4	55.1	55.1	55.1
0.0	5°	50.7	52.2	52.9	53.6	54.4	55.1	55.8	56.6	57.3	57.3
0.0	7.5°	50.0	50.7	52.2	52.9	54.4	55.1	56.6	57.3	58.0	58.8
0.0	10°	48.5	50.0	51.4	52.9	54.4	55.8	57.3	58.8	60.2	61.0
0.0	12.5°	47.0	49.2	50.7	52.2	54.4	56.6	58.0	60.2	61.7	63.2
0.0	15°	46.3	47.8	50.0	51.4	54.4	57.3	59.5	62.4	65.4	67.6
0.0	17.5°	44.1	47.0	49.2	51.4	54.4	58.0	61.0	63.9	68.3	72.7
0.0	20°	41.1	43.3	46.3	48.5	52.9	56.6	61.0	64.6	71.3	77.9
0.0	22.5°	38.2	41.1	43.3	46.3	51.4	55.8	61.0	65.4	76.4	86.7
0.0	25°	35.3	38.9	41.9	44.8	50.7	56.6	62.4	68.3	86.7	105.1
0.0	27.5°	33.8	36.7	40.4	43.3	50.7	58.8	66.1	73.5	102.9	131.5
0.0	30°	31.6	35.3	38.2	41.9	51.4	61.0	70.5	80.1	124.9	169.7
0.0	32.5°	29.4	33.1	36.7	40.4	52.9	65.4	77.1	89.6	148.4	206.4
0.0	35°	27.2	31.6	35.3	38.9	55.1	72.0	88.2	104.3	169.7	234.4
0.0	37.5°	26.4	30.9	34.5	38.2	55.8	72.7	90.4	107.3	171.9	236.6
0.0	40°	27.2	30.9	35.3	38.9	53.6	68.3	82.3	97.0	164.6	231.4
0.0	42.5°	27.2	31.6	36.0	40.4	52.2	63.9	75.7	87.4	162.4	237.3
0.0	45°	26.4	30.9	35.3	39.7	50.7	61.0	72.0	82.3	175.6	268.1
0.0	47.5°	25.7	30.1	34.5	38.9	50.0	61.0	72.0	83.0	227.0	370.3
0.0	50°	25.7	30.1	33.8	37.5	50.7	64.6	77.9	91.1	330.6	569.4
0.0	52.5°	27.2	30.9	33.8	36.7	52.2	68.3	83.8	99.2	420.2	740.5
0.0	55°	29.4	31.6	34.5	36.7	55.8	74.2	93.3	111.7	447.4	783.1
0.0	57.5°	32.3	34.5	36.7	38.9	62.4	86.0	108.7	132.2	449.6	766.2
0.0	60°	36.0	38.9	41.1	43.3	68.3	94.0	119.0	144.0	407.0	669.3
0.0	62.5°	44.1	47.8	50.7	54.4	78.6	102.1	126.4	149.9	337.9	526.0
0.0	65°	50.7	53.6	56.6	59.5	83.0	107.3	130.8	154.3	286.5	418.8
0.0	67.5°	52.2	55.1	57.3	60.2	84.5	108.7	132.2	156.5	245.4	333.5
	70°	52.9	56.6	61.0	64.6	89.6	114.6	138.9	163.8	217.5	271.1
	72.5°	50.7	58.0	64.6	71.3	94.8	117.5	141.1	163.8	202.0	240.2
	75°	50.7	61.0	70.5	80.1	97.7	114.6	132.2	149.1	178.5	207.9
	77.5°	53.6	66.9	80.1	93.3	103.6	113.1	123.4	133.0	152.1	171.2
	80°	53.6	67.6	80.8	94.8	99.2	104.3	108.7	113.1	115.3	117.5
	82.5°	46.3	57.3	68.3	79.3	74.2	69.1	63.9	58.8	55.1	50.7
	85°	23.5	25.7	27.2	28.7	26.4	24.2	22.0	19.8	18.4	16.2
	87.5°	9.6	9.6	8.8	8.8	8.8	8.8	8.1	8.1	8.1	8.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1065037

CATALOG NUMBER: GLAN-SA4A-940-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
42.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
217.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
294.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
368.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
418.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
455.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
493.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
566.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
713.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1087.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1665.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2096.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2144.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1935.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1654.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1293.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
977.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
721.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
510.6											
379.8											
276.2											
207.9											
116.8											
52.9											
15.4											
7.3											
0.0											
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REPORT NUMBER: P1065037

CATALOG NUMBER: GLAN-SA4A-940-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°	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
0.0	2.5°	55.1	54.4	54.4	53.6	52.9	52.2	51.4	50.7	50.0	49.2
0.0	5°	57.3	57.3	57.3	56.6	56.6	55.8	55.8	55.1	54.4	53.6
0.0	7.5°	59.5	60.2	60.2	61.0	61.0	61.0	61.0	60.2	60.2	60.2
0.0	10°	63.2	63.9	64.6	65.4	66.1	66.9	66.9	67.6	67.6	67.6
0.0	12.5°	67.6	69.8	71.3	73.5	74.9	77.1	78.6	80.8	82.3	83.8
0.0	15°	74.2	77.9	82.3	86.0	89.6	94.8	100.6	105.8	110.9	119.0
0.0	17.5°	83.8	95.5	107.3	118.3	130.0	155.7	181.5	206.4	232.2	269.6
0.0	20°	102.1	137.4	171.9	207.2	241.7	332.1	421.7	512.1	601.7	697.9
0.0	22.5°	143.3	229.9	316.6	403.3	490.0	678.8	866.9	1055.7	1243.8	1464.9
0.0	25°	207.9	367.3	526.7	685.4	844.9	1140.2	1436.3	1731.6	2026.9	2314.2
0.0	27.5°	302.7	546.6	790.5	1033.7	1277.6	1678.0	2079.1	2479.5	2879.9	3204.6
0.0	30°	419.5	750.1	1080.7	1411.3	1741.9	2197.4	2652.8	3107.6	3563.1	3917.9
0.0	32.5°	529.7	934.5	1339.3	1743.3	2148.1	2666.8	3186.2	3704.9	4223.5	4611.4
0.0	35°	601.7	1091.0	1581.0	2070.3	2559.5	3120.8	3682.1	4242.6	4803.9	5246.9
0.0	37.5°	673.7	1238.6	1802.8	2367.8	2932.0	3548.4	4164.8	4781.2	5397.5	5944.8
0.0	40°	754.5	1417.2	2079.1	2741.7	3403.7	4133.9	4863.4	5593.7	6323.2	7095.3
0.0	42.5°	894.8	1713.2	2532.4	3350.8	4169.2	5135.3	6101.3	7066.7	8032.7	9134.7
0.0	45°	1158.6	2312.0	3466.1	4619.5	5772.9	7052.7	8333.2	9613.0	10892.8	12359.1
0.0	47.5°	1804.3	3391.2	4977.3	6564.2	8150.3	9532.2	10913.3	12295.2	13676.4	15136.9
0.0	50°	2760.8	4607.8	6454.7	8300.9	10147.8	11398.2	12647.9	13898.3	15147.9	16537.1
0.0	52.5°	3452.9	5377.0	7301.8	9225.8	11149.9	12278.3	13407.5	14535.9	15664.4	16962.5
0.0	55°	3505.1	5418.1	7331.9	9244.9	11158.0	12291.6	13425.1	14558.7	15692.3	17068.3
0.0	57.5°	3103.2	5000.8	6897.7	8795.3	10692.2	11983.0	13273.1	14563.9	15853.9	17341.6
0.0	60°	2639.6	4538.0	6435.6	8334.0	10231.6	11718.5	13206.2	14693.2	16180.1	17573.7
0.0	62.5°	2059.2	4012.0	5965.4	7918.1	9870.9	11380.6	12890.3	14399.3	15909.0	16954.4
0.0	65°	1534.7	3430.9	5327.0	7222.4	9118.6	10327.8	11537.1	12745.6	13954.8	14602.1
0.0	67.5°	1109.3	2744.7	4379.3	6014.6	7649.3	8514.7	9380.1	10244.8	11110.2	11605.4
	70°	750.1	1882.9	3015.0	4147.9	5280.0	5991.1	6703.0	7414.2	8125.3	8793.9
	72.5°	519.4	1155.6	1792.6	2428.8	3065.0	3780.5	4495.4	5210.9	5925.7	6633.2
	75°	344.6	634.0	924.2	1213.7	1503.1	2032.8	2563.2	3092.9	3622.6	4044.3
	77.5°	244.6	331.3	418.8	505.4	592.1	691.3	791.2	890.4	989.6	1140.2
	80°	116.1	127.1	138.1	148.4	159.4	195.4	231.4	267.4	303.4	341.6
	82.5°	55.1	59.5	63.9	67.6	72.0	75.7	79.3	83.0	86.7	83.0
	85°	14.7	14.7	15.4	15.4	15.4	15.4	15.4	15.4	15.4	14.7
	87.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	5.9	5.9	5.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1065037

CATALOG NUMBER: GLAN-SA4A-940-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
42.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
306.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
794.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1686.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2601.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3529.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4273.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5689.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6492.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7867.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10236.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13825.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16597.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17926.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18260.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18445.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18829.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18966.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18000.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15250.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12101.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9461.7											
7340.7											
4466.0											
1290.8											
379.8											
78.6											
14.0											
5.1											
0.0											
0.0											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1065037

CATALOG NUMBER: GLAN-SA4A-940-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
0.0	2.5°	47.8	47.0	46.3	45.5	44.8	43.3	43.3	42.6	42.6
0.0	5°	52.2	51.4	50.7	50.0	50.0	49.2	48.5	48.5	47.8
0.0	7.5°	59.5	58.8	58.0	57.3	57.3	56.6	56.6	55.8	55.8
0.0	10°	68.3	68.3	68.3	68.3	68.3	67.6	67.6	67.6	66.9
0.0	12.5°	86.0	86.7	88.2	89.6	91.8	91.8	91.8	91.1	91.1
0.0	15°	135.9	144.0	149.9	155.7	160.9	172.6	171.2	169.0	167.5
0.0	17.5°	343.8	380.6	400.4	419.5	439.3	493.7	484.9	476.1	468.0
0.0	20°	891.1	987.4	1051.3	1115.2	1179.9	1282.0	1257.0	1232.0	1207.0
0.0	22.5°	1906.4	2127.6	2223.8	2320.0	2415.6	2539.0	2458.9	2378.8	2299.5
0.0	25°	2887.9	3175.2	3337.5	3499.9	3661.5	3732.1	3627.7	3522.7	3418.4
0.0	27.5°	3854.0	4178.7	4322.0	4464.5	4607.8	4755.4	4626.1	4496.1	4366.8
0.0	30°	4628.3	4983.2	5138.2	5292.5	5447.5	5550.3	5416.6	5282.2	5148.5
0.0	32.5°	5388.0	5775.9	5945.6	6115.3	6284.3	6431.9	6267.4	6102.1	5937.5
0.0	35°	6132.2	6575.2	6808.8	7042.4	7276.0	7413.4	7218.0	7021.9	6826.4
0.0	37.5°	7040.2	7587.5	7849.1	8110.6	8372.2	8622.7	8407.4	8191.4	7976.2
0.0	40°	8639.6	9411.7	9812.8	10214.7	10615.8	10939.1	10667.2	10395.4	10123.6
0.0	42.5°	11338.7	12440.7	13017.4	13593.4	14170.1	14674.8	14389.0	14103.2	13817.4
0.0	45°	15291.9	16758.3	17461.3	18163.7	18866.7	19235.5	18824.1	18412.0	18000.6
0.0	47.5°	18057.1	19517.6	20143.6	20769.5	21395.4	21816.4	21313.1	20809.9	20307.4
0.0	50°	19314.9	20704.1	21332.3	21959.6	22587.8	22922.0	22340.9	21759.1	21178.0
0.0	52.5°	19558.1	20856.2	21605.5	22355.6	23105.0	23551.7	22865.5	22178.6	21492.4
0.0	55°	19821.1	21197.1	22066.2	22936.0	23805.1	24423.7	23647.9	22871.4	22095.6
0.0	57.5°	20316.2	21803.9	22670.8	23537.0	24403.9	24929.1	24151.1	23372.4	22594.4
0.0	60°	20360.3	21753.2	22498.2	23243.8	23988.8	24319.4	23575.2	22830.2	22086.0
0.0	62.5°	19046.0	20091.4	20608.6	21125.8	21643.0	22002.3	21225.7	20448.5	19671.9
0.0	65°	15897.3	16544.5	16956.6	17368.8	17780.9	18209.2	17498.1	16786.9	16075.8
0.0	67.5°	12596.4	13091.6	13634.5	14177.4	14720.3	15178.0	14608.7	14038.6	13469.2
	70°	10130.2	10798.0	11408.5	12019.0	12629.5	13004.2	12432.6	11860.3	11288.7
	72.5°	8048.2	8755.6	9265.5	9774.6	10284.5	10376.3	9956.1	9535.9	9116.4
	75°	4886.9	5308.6	5318.9	5328.5	5338.8	5426.2	5078.0	4729.7	4382.2
	77.5°	1441.4	1592.0	1716.2	1839.6	1963.7	2113.6	1985.8	1857.2	1729.4
	80°	417.3	455.5	487.8	519.4	551.7	532.6	502.5	472.4	442.3
	82.5°	74.9	70.5	69.8	69.1	69.1	65.4	59.5	53.6	47.8
	85°	13.2	12.5	11.8	11.0	10.3	9.6	8.1	7.3	5.9
	87.5°	4.4	3.7	2.9	2.2	2.2	0.7	0.7	0.7	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-SA4A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1065037

CATALOG NUMBER: GLAN-SA4A-940-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°	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
0.0	0.0	2.5°	41.9	41.1	41.1	41.1	41.1	40.4	40.4	40.4	40.4
0.0	0.0	5°	46.3	46.3	45.5	45.5	44.8	44.8	44.1	44.1	43.3
0.0	0.0	7.5°	54.4	53.6	52.9	52.2	51.4	50.0	49.2	48.5	48.5
0.0	0.0	10°	65.4	63.9	63.2	61.7	61.0	59.5	58.0	56.6	55.1
0.0	0.0	12.5°	86.0	83.0	80.8	77.9	74.9	72.7	69.8	67.6	64.6
0.0	0.0	15°	149.1	141.8	133.7	124.2	113.9	104.3	94.0	88.2	81.5
0.0	0.0	17.5°	381.3	343.1	304.1	272.6	241.0	210.1	178.5	155.7	133.0
0.0	0.0	20°	970.5	864.7	758.9	654.6	549.5	445.2	340.1	287.3	234.4
0.0	0.0	22.5°	1826.4	1630.2	1433.3	1243.0	1052.0	861.8	671.5	551.7	432.7
0.0	0.0	25°	2818.9	2572.0	2325.2	2012.2	1698.5	1385.6	1072.6	877.9	683.2
0.0	0.0	27.5°	3668.1	3383.8	3099.5	2719.0	2338.4	1957.9	1577.3	1287.1	997.7
0.0	0.0	30°	4403.5	4097.9	3792.3	3349.3	2906.3	2463.3	2020.3	1657.4	1294.5
0.0	0.0	32.5°	5041.2	4675.4	4309.5	3852.5	3395.6	2938.6	2481.7	2036.5	1591.3
0.0	0.0	35°	5776.6	5349.8	4922.2	4415.3	3907.6	3400.7	2893.8	2391.3	1888.1
0.0	0.0	37.5°	6711.1	6187.3	5662.7	5097.8	4532.8	3968.6	3403.7	2829.2	2254.7
0.0	0.0	40°	8500.0	7824.1	7148.2	6430.5	5712.0	4994.2	4276.4	3571.2	2865.9
0.0	0.0	42.5°	11705.3	10792.1	9878.9	8923.9	7968.1	7013.0	6057.3	5062.5	4067.1
0.0	0.0	45°	15322.8	14189.9	13056.3	11984.5	10911.9	9840.0	8768.1	7403.1	6038.2
0.0	0.0	47.5°	17357.0	16133.8	14910.6	13896.0	12881.5	11866.9	10852.4	9380.8	7909.3
0.0	0.0	50°	18105.6	16860.4	15615.1	14681.4	13746.9	12813.2	11878.7	10405.0	8930.5
0.0	0.0	52.5°	18265.1	16994.8	15724.6	14785.0	13845.4	12906.5	11966.8	10502.7	9038.5
0.0	0.0	55°	18592.7	17229.9	15866.4	14795.3	13724.1	12653.0	11581.9	10094.2	8606.5
0.0	0.0	57.5°	19021.0	17623.7	16226.4	15006.1	13785.8	12566.3	11346.1	9719.5	8093.0
0.0	0.0	60°	18908.6	17692.8	16476.2	15169.2	13861.5	12554.6	11246.9	9458.0	7668.4
0.0	0.0	62.5°	16957.4	15989.1	15020.1	13945.3	12869.7	11794.9	10720.1	8878.3	7036.5
0.0	0.0	65°	13950.4	13243.7	12536.9	11672.2	10806.8	9942.1	9077.4	7425.9	5775.1
0.0	0.0	67.5°	11306.4	10510.0	9712.9	9023.8	8334.0	7644.8	6955.0	5655.4	4355.8
		70°	8982.7	8116.5	7249.6	6576.7	5903.0	5230.0	4557.1	3693.1	2829.9
		72.5°	7133.5	6352.6	5571.6	4853.9	4135.4	3417.6	2699.1	2188.5	1678.0
		75°	3409.5	3097.3	2785.1	2409.7	2034.3	1658.9	1283.4	1060.8	839.0
		77.5°	1263.6	1095.4	926.4	773.6	620.8	468.7	315.9	289.5	263.0
		80°	326.9	285.0	242.4	212.3	181.5	151.3	121.2	109.5	98.4
		82.5°	37.5	34.5	32.3	30.9	28.7	27.2	25.0	22.8	20.6
		85°	2.2	1.5	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: P1065037

CATALOG NUMBER: GLAN-SA4A-940-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	42.6	42.6
0.0	0.0	2.5°	39.7	38.9
0.0	0.0	5°	41.9	41.1
0.0	0.0	7.5°	46.3	44.8
0.0	0.0	10°	50.7	49.2
0.0	0.0	12.5°	57.3	55.1
0.0	0.0	15°	64.6	60.2
0.0	0.0	17.5°	77.1	67.6
0.0	0.0	20°	104.3	80.1
0.0	0.0	22.5°	146.9	99.9
0.0	0.0	25°	216.0	138.1
0.0	0.0	27.5°	300.5	183.7
0.0	0.0	30°	399.7	229.9
0.0	0.0	32.5°	487.1	274.0
0.0	0.0	35°	600.9	318.8
0.0	0.0	37.5°	741.3	376.1
0.0	0.0	40°	958.7	462.8
0.0	0.0	42.5°	1350.3	623.0
0.0	0.0	45°	2193.0	1077.0
0.0	0.0	47.5°	3374.3	1781.5
0.0	0.0	50°	4128.0	2273.8
0.0	0.0	52.5°	4189.8	2270.1
0.0	0.0	55°	3824.6	2018.1
0.0	0.0	57.5°	3263.3	1686.8
0.0	0.0	60°	2712.4	1334.1
0.0	0.0	62.5°	2137.1	921.3
0.0	0.0	65°	1561.9	651.6
0.0	0.0	67.5°	1121.8	487.1
		70°	737.6	373.2
		72.5°	480.5	304.1
		75°	323.2	252.0
		77.5°	188.8	167.5
		80°	66.9	58.8
		82.5°	12.5	8.8
		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: P1065037

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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: SP1-2407-184-16

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-940-U-5WQ

Data in this report applies to families of products including GSS-SB1A-940-U-5WQ

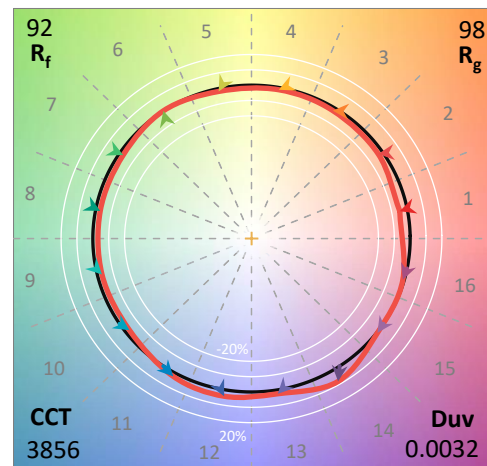
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-16
 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-940-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3856
 CIE u' : 0.2261
 CIE v' : 0.5084
 Duv: 0.0032
 CIE x: 0.3896
 CIE y: 0.3894
 CIE z: 0.2211
 Peak Wavelength (nm): 614
 Dominant Wavelength (nm): 578
 Purity: 33.77304
 R_f: 91.8
 R_g: 98.4

CRI (Ra): 92.1
 R1: 91.8
 R2: 94.1
 R3: 95.3
 R4: 92.8
 R5: 91.0
 R6: 91.6
 R7: 95.0
 R8: 85.2
 R9: 60.7
 R10: 85.2
 R11: 92.4
 R12: 74.5
 R13: 92.3
 R14: 97.0
 R15: 88.5



Test Conditions

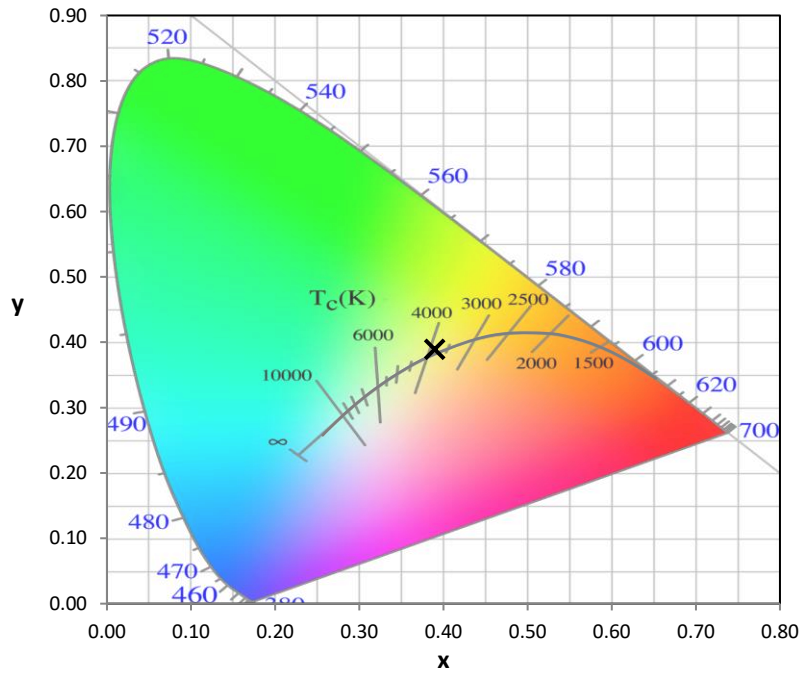
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

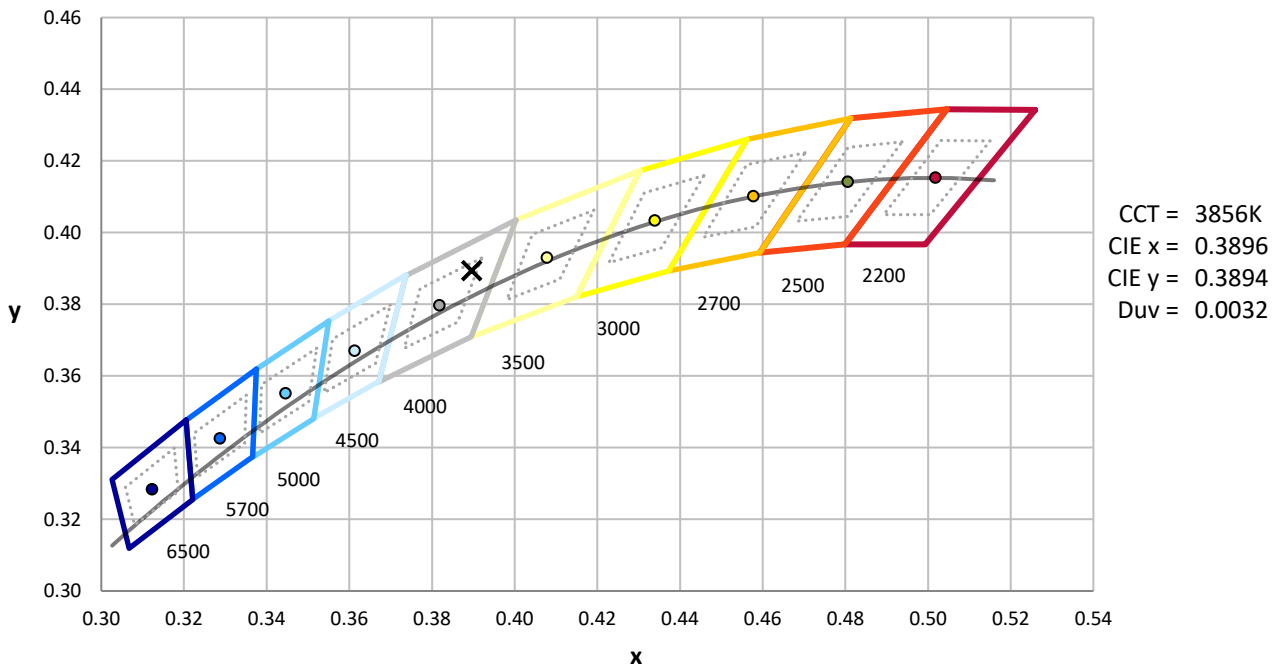
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-16

CIE 1931 Chromaticity Diagram



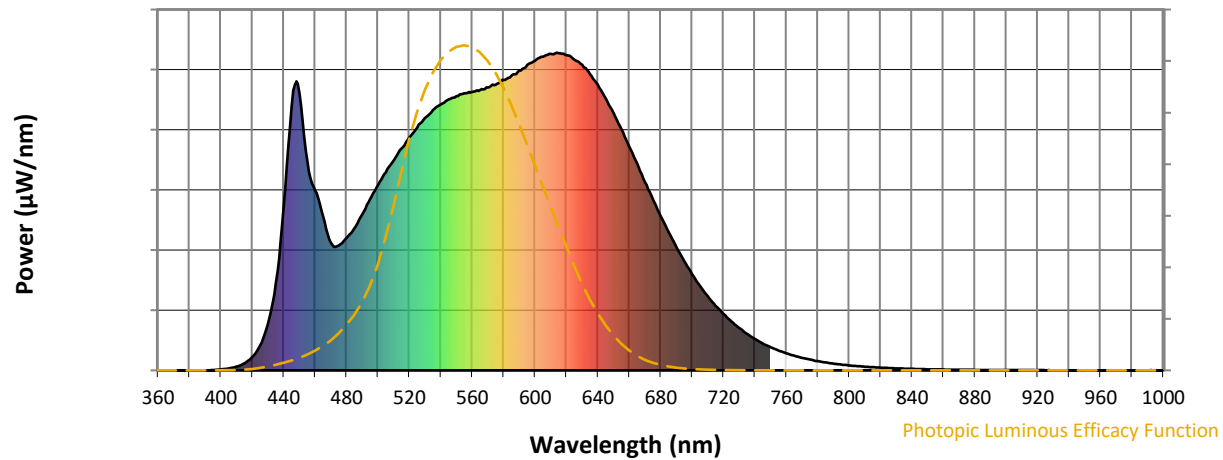
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

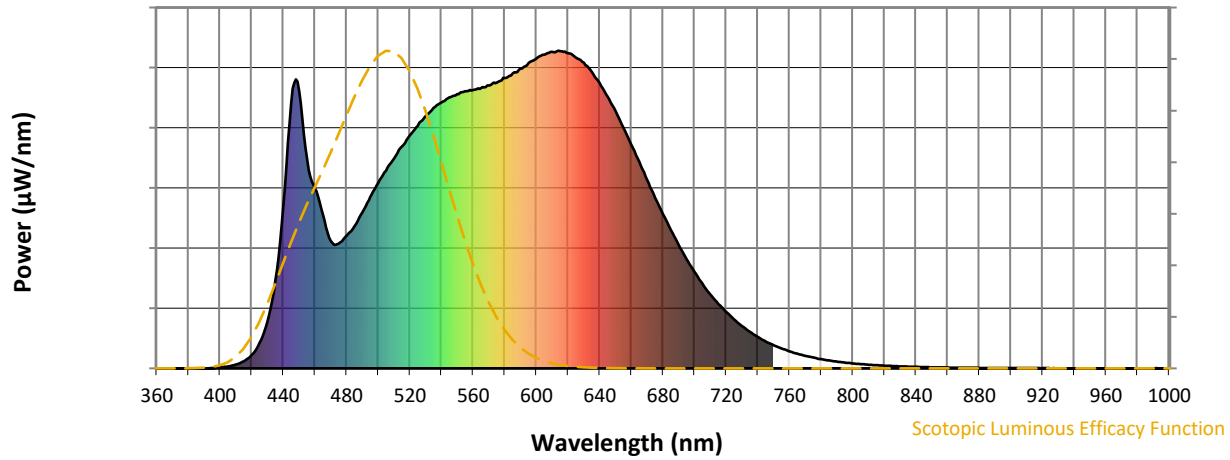


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



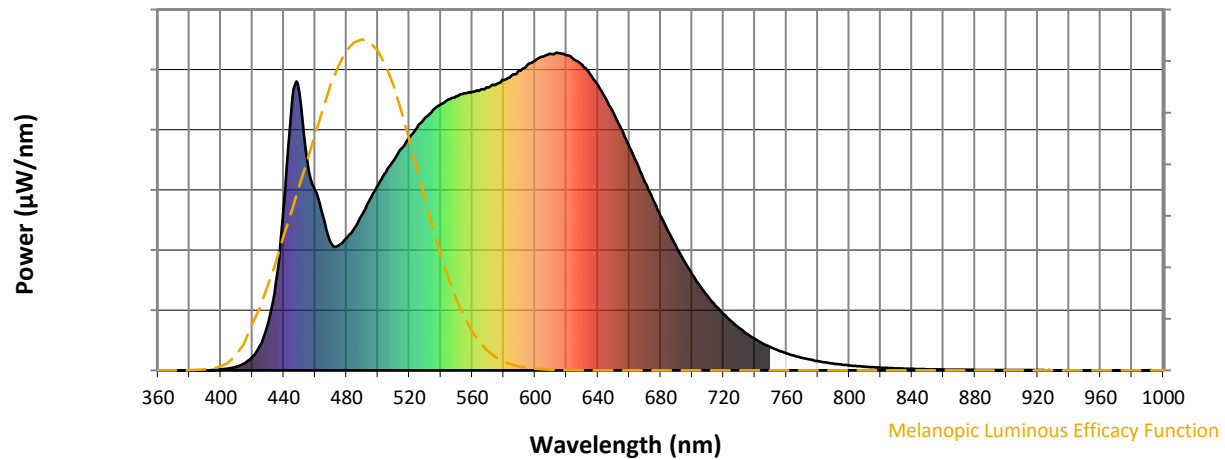
Scotopic Lumens: NR

S/P: 1.72

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

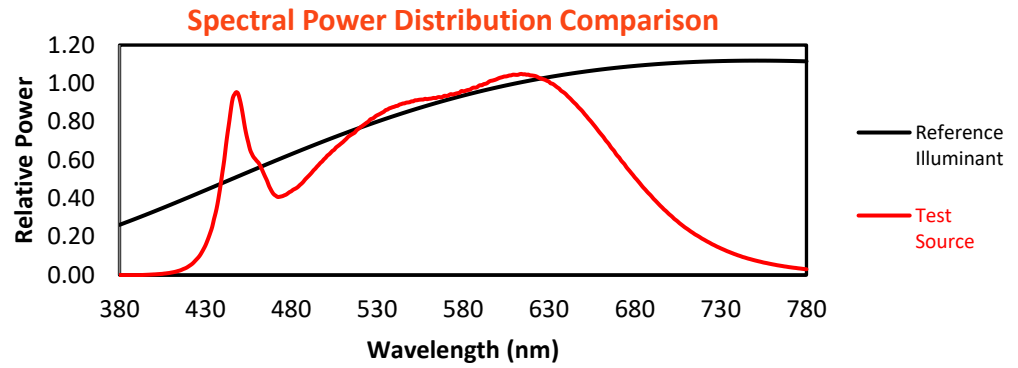
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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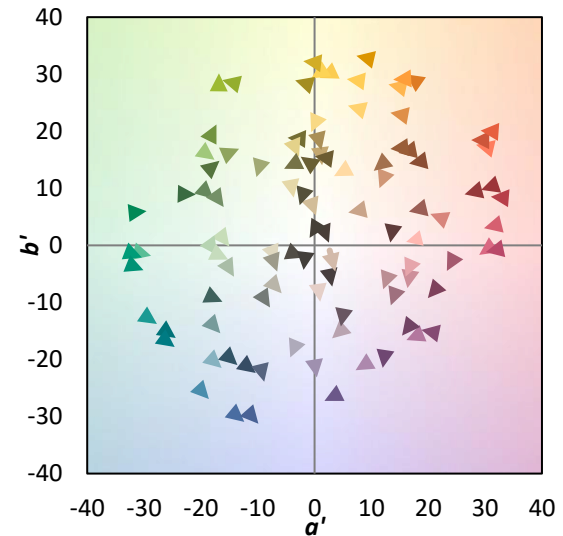
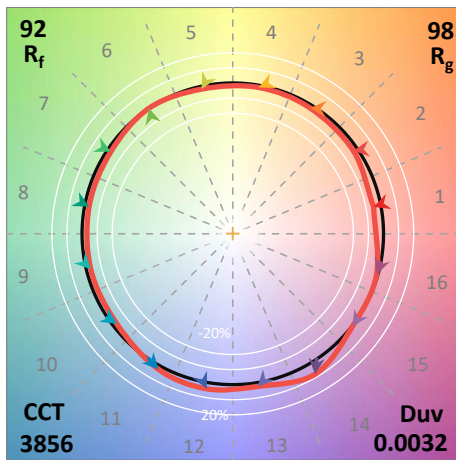
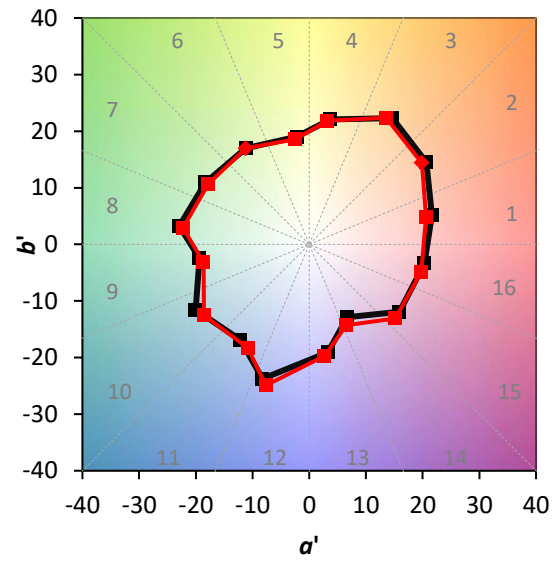
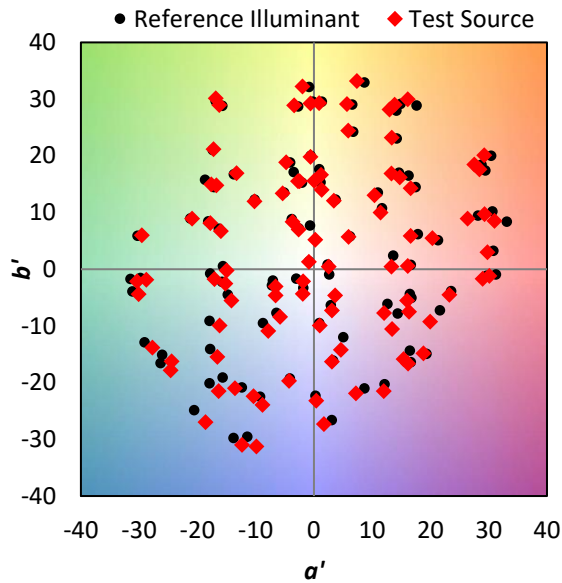
TM-30-18

Summary

$R_f = 91.8$
 $R_g = 98.4$
 $CIE R_a = 92.1$
 $R_9 = 60.7$

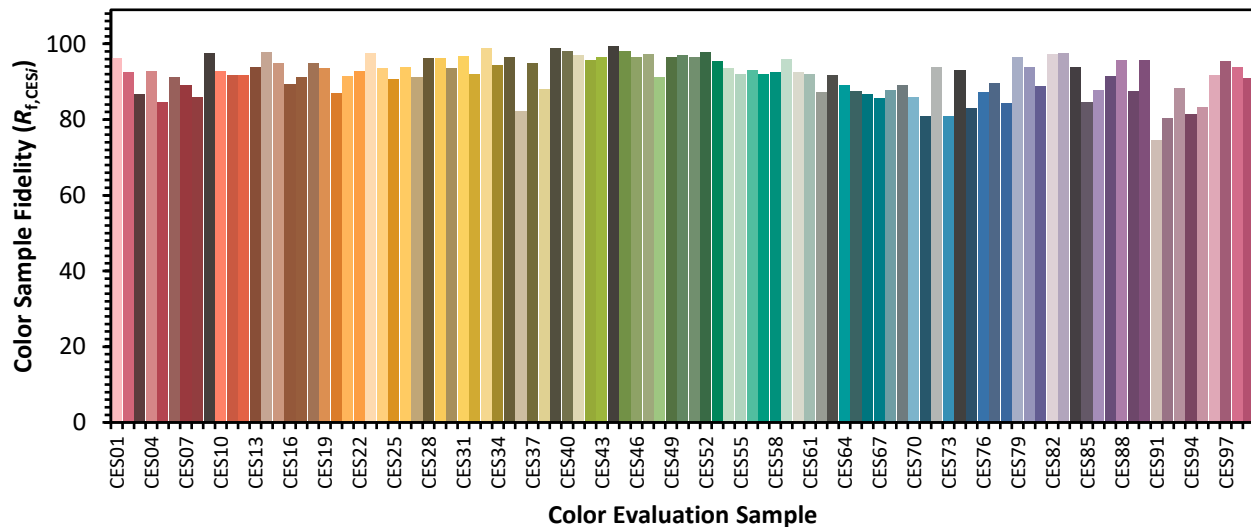


Color Vector Graphics

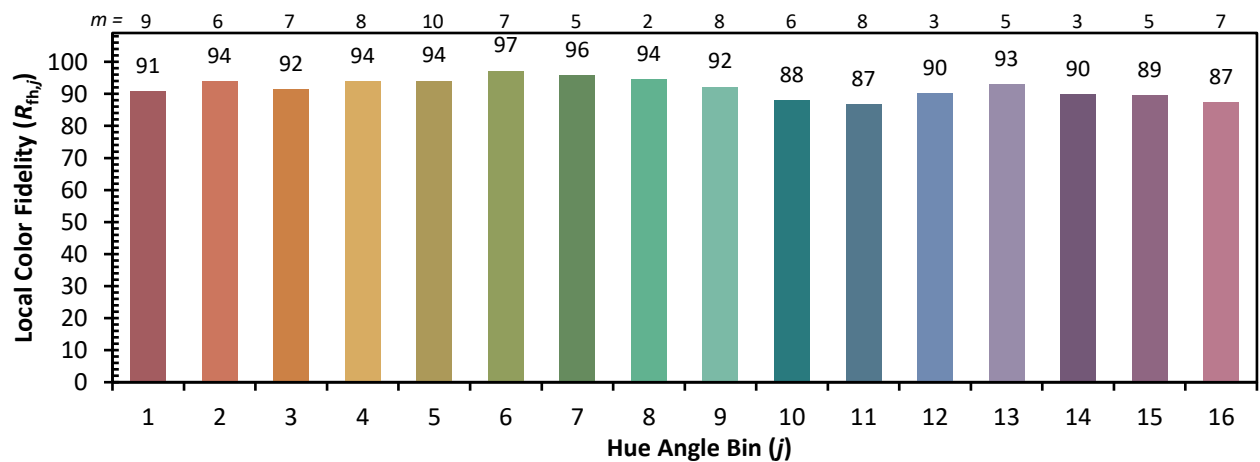
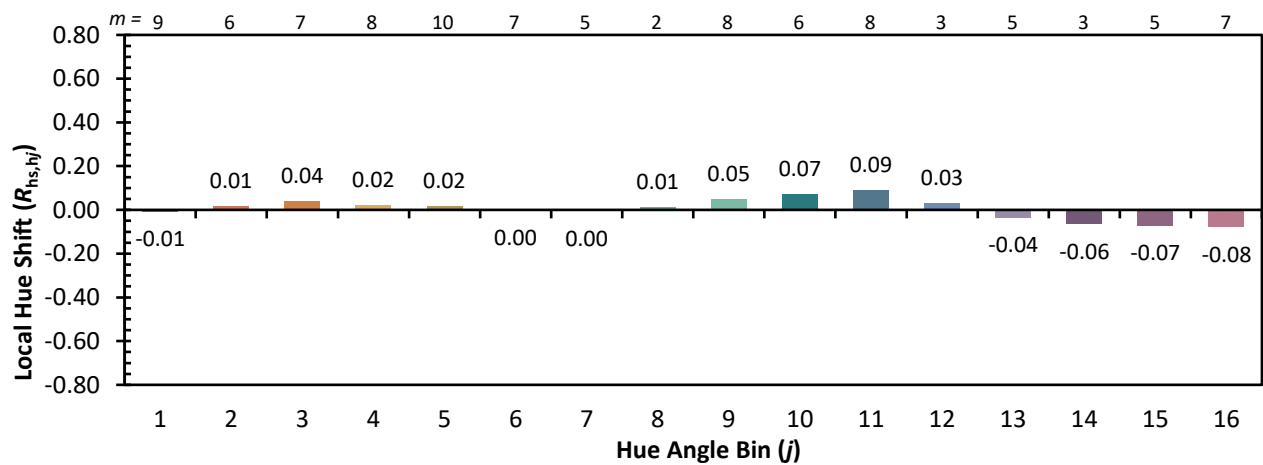
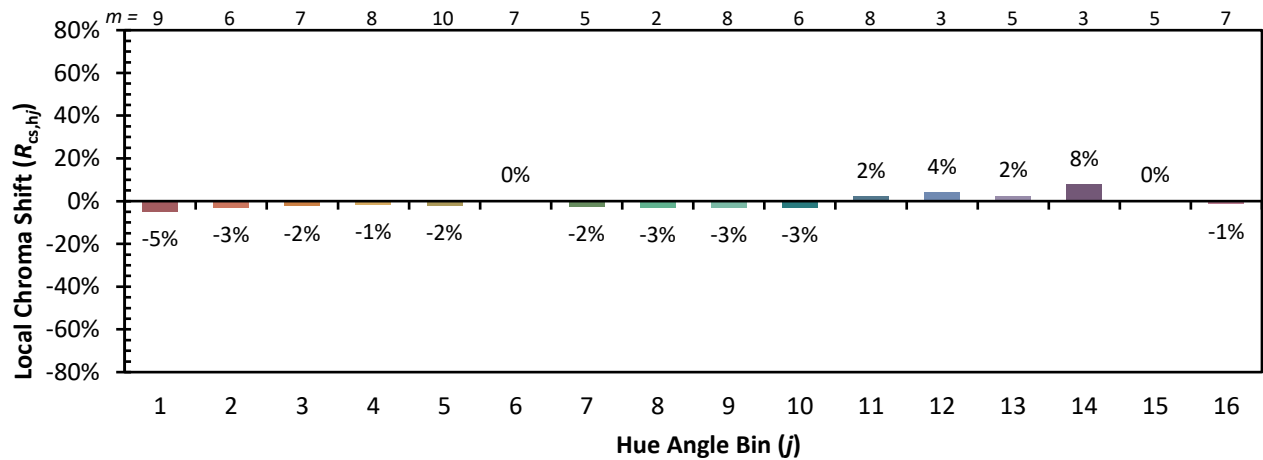


Individual Sample Fidelity Index ($R_{f,i}$)

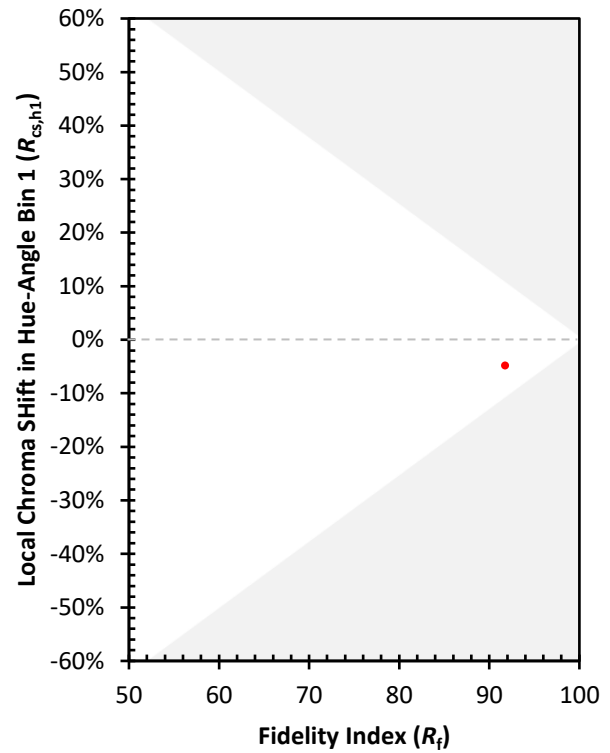
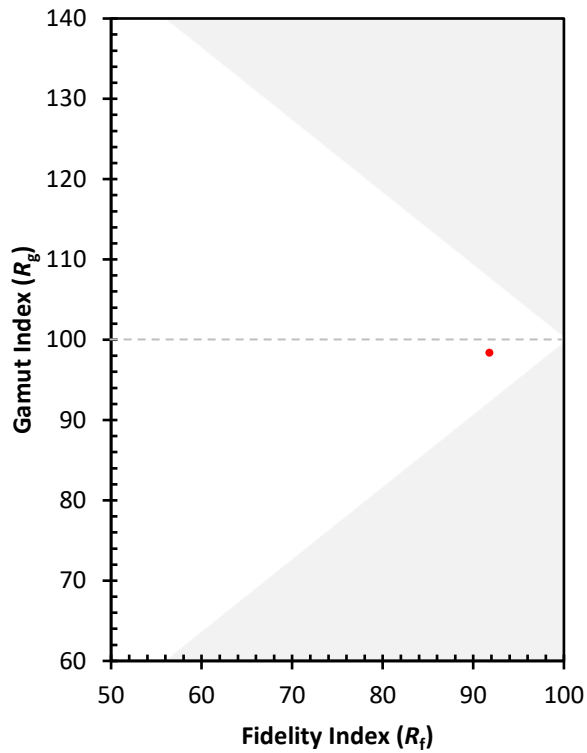
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 85
CES11 = 57	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 87	CES91 = 74
CES17 = 49	CES42 = 96	CES67 = 86	CES92 = 80
CES18 = 56	CES43 = 96	CES68 = 88	CES93 = 88
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 82
CES20 = 66	CES45 = 98	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 91	CES73 = 81	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 93	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 83	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)