

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: P1064953

Luminaire Tested: **GLAN-SA1A-930-U-RBC**

Issue Date: 08/07/2025



Test Information

Test Method: LM-79-08
Report Number: P1064953
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA1A-930-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
90CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2299.2 lumens
Efficiency: N/A
Efficacy: 79.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

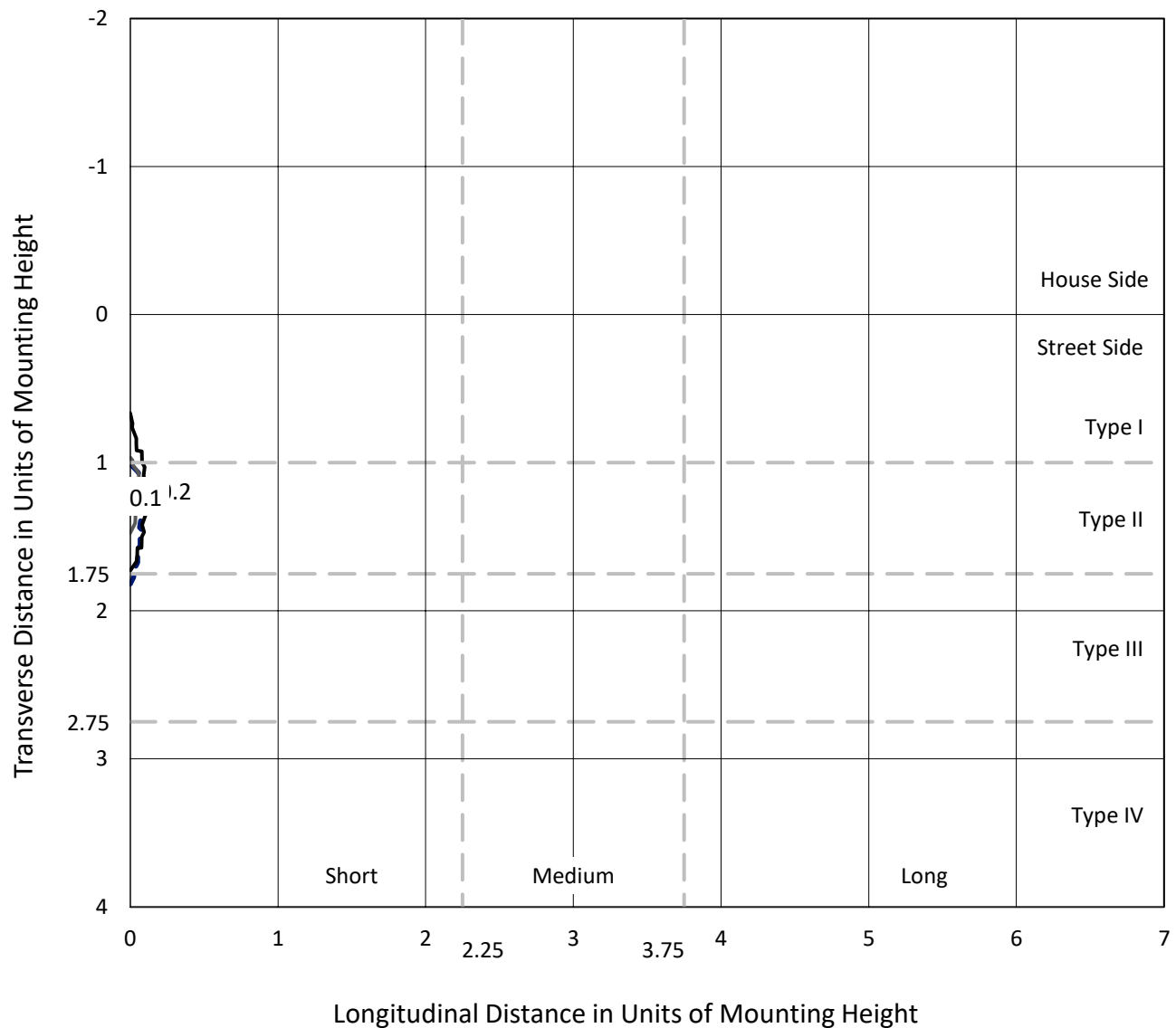
Input Watts (W): 29
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

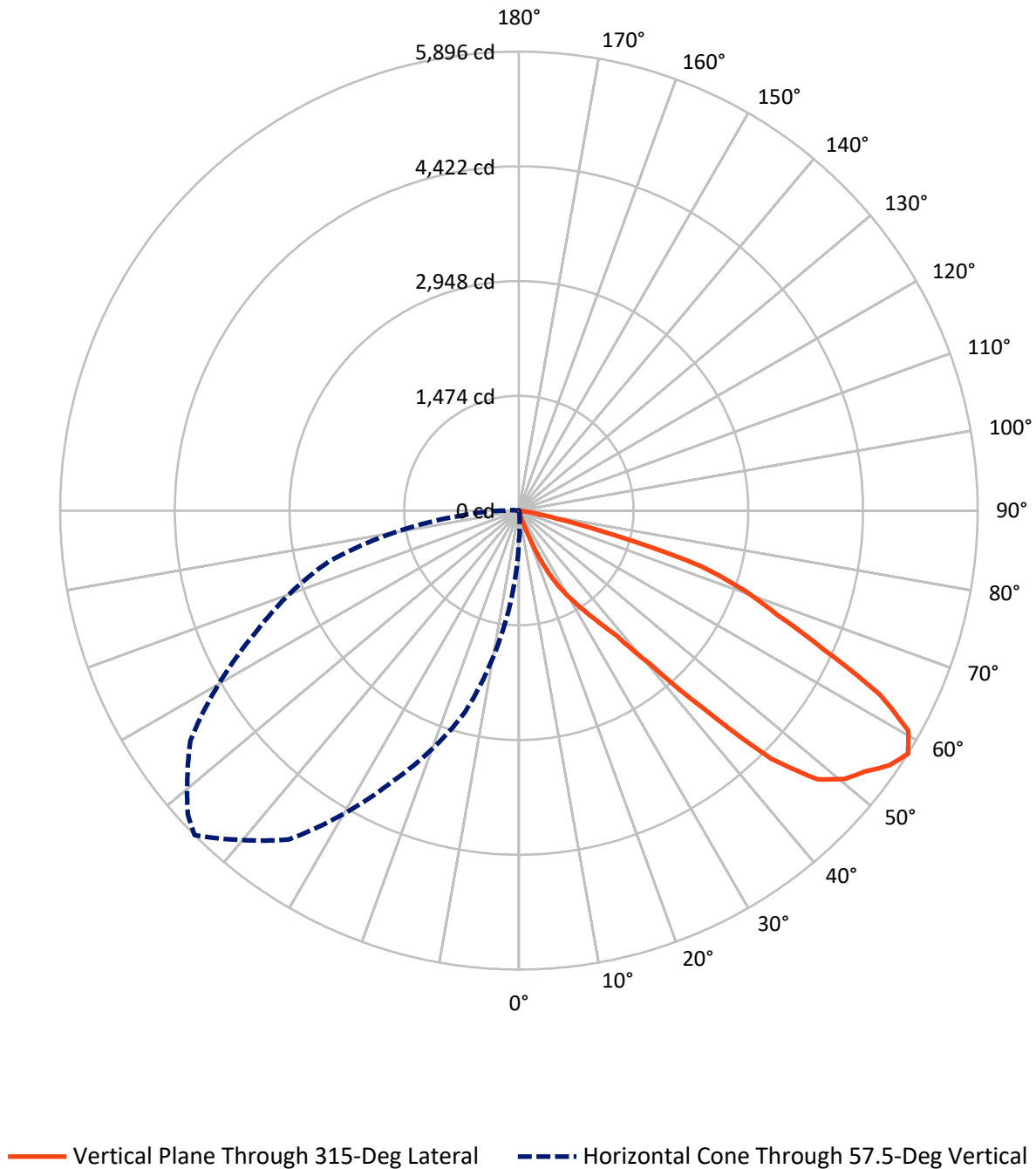
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 0.3 fc
 Type III - Short - N/A

REPORT NUMBER: P1064953
CATALOG NUMBER: GLAN-SA1A-930-U-RBC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11.5	0.0	11.5
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	2287.7	0.0	2287.7
	% Fixture	99.5	0.0	99.5
Total	Lumens	2299.2	0.0	2299.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.9	0.0
10°-20°	5.1	0.2
20°-30°	54.5	2.4
30°-40°	161.1	7.0
40°-50°	480.2	20.9
50°-60°	761.4	33.1
60°-70°	635.6	27.6
70°-80°	196.0	8.5
80°-90°	4.4	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°	2299.2	100.0
0°-180°	2299.2	100.0



REPORT NUMBER: P1064953

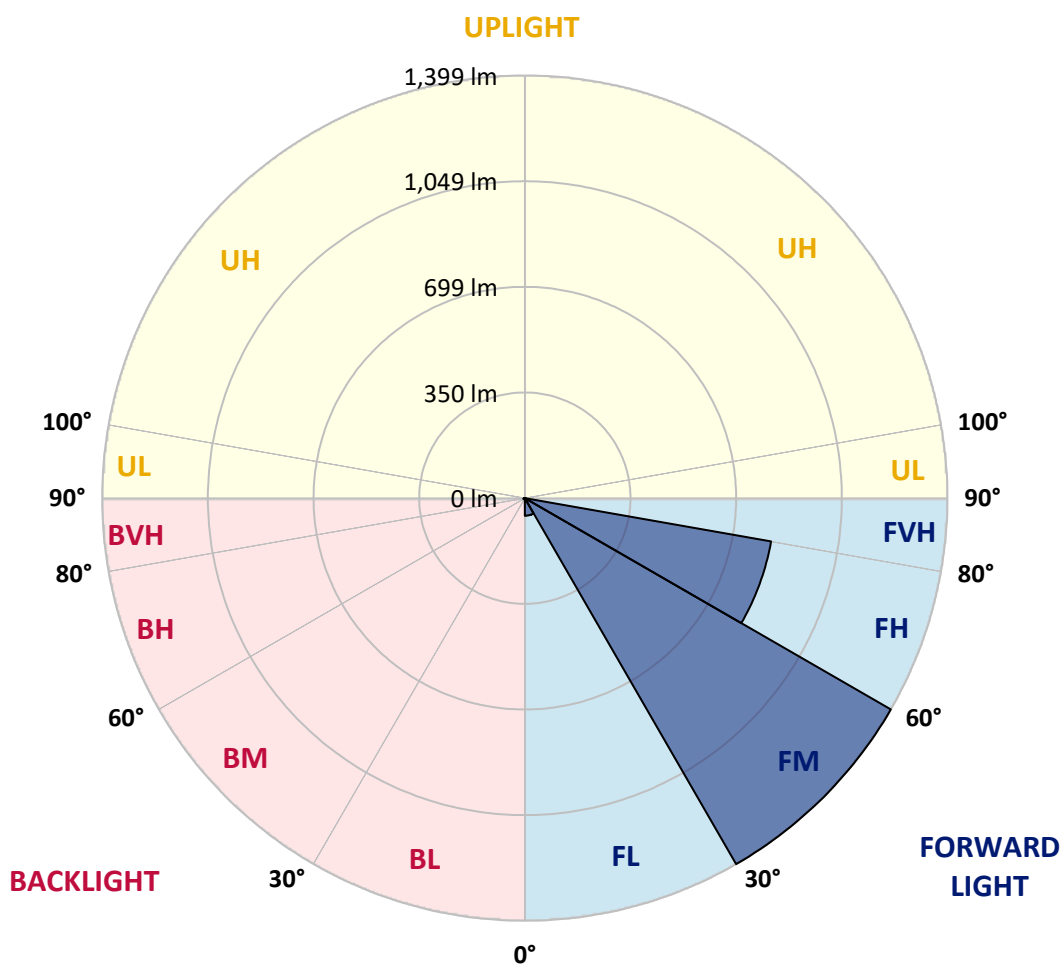
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	58.3	2.5			
FM	(30°-60°)	1398.7	60.8			
FH	(60°-80°)	827.3	36.0			G1/1800
FVH	(80°-90°)	3.4	0.1			G0/10
BL	(0°-30°)	2.1	0.1	B0/110		
BM	(30°-60°)	4.1	0.2	B0/220		
BH	(60°-80°)	4.3	0.2	B0/110		G0/110
BVH	(80°-90°)	1.0	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-G1

Type III Short



REPORT NUMBER: P1064953

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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
2.5°	9.2	9.2	9.2	9.2	9.0	9.0	8.9	8.9	8.7	8.7
5°	9.7	9.7	9.6	9.4	9.4	9.2	9.0	8.9	8.9	8.7
7.5°	10.6	10.4	10.3	10.1	9.7	9.6	9.2	9.0	8.9	8.5
10°	11.6	11.3	10.9	10.6	10.3	9.9	9.6	9.4	9.0	8.9
12.5°	13.0	12.5	11.8	11.3	10.9	10.4	10.1	9.7	9.2	8.9
15°	14.2	13.6	12.7	12.0	11.5	10.8	10.3	9.7	9.4	8.9
17.5°	16.0	14.8	13.4	12.5	11.8	10.9	10.1	9.6	9.0	8.3
20°	18.9	16.5	13.9	12.9	11.8	10.8	9.7	9.0	8.5	7.8
22.5°	23.6	19.5	15.3	13.7	12.3	10.8	9.4	8.7	8.0	7.3
25°	32.7	25.2	17.7	15.6	13.6	11.5	9.4	8.5	7.8	6.9
27.5°	43.4	32.3	21.0	18.1	15.3	12.3	9.4	8.3	7.5	6.4
30°	54.4	39.6	24.7	20.8	17.0	13.2	9.4	8.2	7.1	5.9
32.5°	64.8	46.4	27.8	23.3	18.8	14.1	9.6	8.2	6.8	5.4
35°	75.4	52.0	28.3	23.6	18.9	14.1	9.4	7.8	6.4	4.9
37.5°	89.0	58.2	27.3	22.6	18.1	13.4	8.9	7.5	6.1	4.5
40°	109.5	68.6	27.8	22.9	18.1	13.2	8.3	6.9	5.7	4.3
42.5°	147.3	88.8	30.1	24.5	18.9	13.2	7.6	6.4	5.4	4.2
45°	254.7	147.5	40.3	32.0	23.6	15.3	6.9	5.9	5.0	4.0
47.5°	421.3	246.9	72.5	55.9	39.6	23.1	6.8	5.9	5.0	4.0
50°	537.7	314.5	91.2	70.2	49.2	28.1	7.1	6.1	5.2	4.2
52.5°	536.9	319.3	101.6	78.0	54.6	30.9	7.5	6.4	5.6	4.5
55°	477.3	290.5	103.6	79.6	55.8	31.8	8.0	6.9	5.9	4.9
57.5°	398.9	246.7	94.5	73.1	52.0	30.6	9.2	8.0	6.9	5.7
60°	315.5	194.6	73.7	58.2	42.9	27.5	12.2	10.6	9.2	7.6
62.5°	217.9	141.1	64.3	51.6	39.1	26.4	13.9	12.3	10.9	9.4
65°	154.1	106.2	58.0	47.3	36.7	25.9	15.1	13.4	11.8	10.1
67.5°	115.2	84.4	53.5	44.3	35.1	25.9	16.7	14.6	12.7	10.6
70°	88.3	69.3	50.2	42.7	35.4	28.0	20.5	17.5	14.8	11.8
72.5°	71.9	59.2	46.4	41.0	35.6	30.2	24.8	21.0	17.2	13.2
75°	59.6	50.7	41.9	37.4	33.0	28.5	24.0	20.5	17.2	13.7
77.5°	39.6	36.1	32.5	29.9	27.3	24.5	21.9	18.9	16.2	13.2
80°	13.9	13.4	12.9	13.9	14.9	16.0	17.0	14.9	13.0	10.9
82.5°	2.1	1.9	1.7	1.9	2.1	2.3	2.4	2.6	2.8	3.0
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):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
0.0	2.5°	8.5	8.5	8.3	8.3	8.3	8.2	8.2	8.0	8.0	8.0
0.0	5°	8.3	8.3	8.2	8.0	7.8	7.8	7.6	7.5	7.5	7.3
0.0	7.5°	8.2	8.0	7.8	7.6	7.5	7.3	7.1	6.9	6.9	6.8
0.0	10°	8.3	8.0	7.8	7.5	7.3	7.1	6.8	6.6	6.4	6.4
0.0	12.5°	8.0	7.8	7.5	7.1	6.9	6.6	6.4	6.1	5.9	5.9
0.0	15°	8.0	7.6	7.1	6.8	6.4	6.3	5.9	5.6	5.4	5.2
0.0	17.5°	7.5	7.1	6.6	6.3	5.9	5.6	5.2	4.9	4.7	4.5
0.0	20°	6.8	6.4	5.9	5.4	5.0	4.7	4.3	4.0	3.8	3.6
0.0	22.5°	6.1	5.7	5.2	4.7	4.3	4.0	3.5	3.1	3.0	2.6
0.0	25°	5.7	5.2	4.7	4.2	3.6	3.3	2.8	2.3	1.9	1.6
0.0	27.5°	4.9	4.3	3.8	3.3	2.8	2.3	1.7	1.2	0.9	0.7
0.0	30°	4.2	3.6	3.1	2.6	1.9	1.4	0.9	0.2	0.2	0.2
0.0	32.5°	3.5	3.0	2.3	1.7	1.4	0.9	0.5	0.0	0.0	0.0
0.0	35°	2.8	2.3	1.6	1.0	0.9	0.5	0.3	0.0	0.0	0.0
0.0	37.5°	2.4	1.9	1.2	0.5	0.3	0.3	0.2	0.0	0.0	0.0
0.0	40°	2.3	1.6	0.9	0.2	0.2	0.2	0.0	0.0	0.0	0.0
0.0	42.5°	2.3	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	2.3	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	2.3	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	2.4	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	2.8	2.1	1.4	0.7	0.5	0.3	0.2	0.0	0.0	0.0
0.0	55°	3.5	3.1	2.6	2.3	1.7	1.2	0.5	0.0	0.0	0.0
0.0	57.5°	4.5	4.5	4.3	4.2	3.1	2.1	1.0	0.0	0.0	0.0
0.0	60°	6.1	6.1	6.1	6.1	4.5	3.1	1.6	0.0	0.0	0.0
0.0	62.5°	7.5	7.1	6.6	6.3	4.7	3.1	1.6	0.0	0.0	0.0
0.0	65°	7.5	6.8	5.9	5.0	3.8	2.6	1.2	0.0	0.0	0.0
0.0	67.5°	6.9	5.6	4.0	2.6	1.9	1.4	0.7	0.0	0.0	0.0
	70°	6.9	4.9	2.8	0.7	0.5	0.3	0.2	0.0	0.0	0.0
	72.5°	6.9	4.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	7.6	5.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	7.6	5.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	6.8	4.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	2.3	1.6	0.7	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°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
0.0	2.5°	7.8	7.8	7.8	7.6	7.6	7.6	7.6	7.5	7.5	7.5
0.0	5°	7.1	7.1	6.9	6.9	6.8	6.8	6.6	6.6	6.4	6.4
0.0	7.5°	6.6	6.4	6.4	6.3	6.1	6.1	5.9	5.9	5.7	5.6
0.0	10°	6.1	5.9	5.9	5.7	5.6	5.4	5.4	5.2	5.0	4.9
0.0	12.5°	5.6	5.4	5.2	5.0	4.9	4.7	4.7	4.5	4.3	4.2
0.0	15°	4.9	4.7	4.5	4.3	4.2	4.0	4.0	3.8	3.6	3.5
0.0	17.5°	4.2	4.0	4.0	3.8	3.6	3.5	3.3	3.0	2.8	2.6
0.0	20°	3.1	3.0	2.8	2.6	2.4	2.1	1.9	1.6	1.2	1.0
0.0	22.5°	2.1	1.7	1.6	1.2	0.9	0.7	0.5	0.2	0.0	0.0
0.0	25°	0.7	0.5	0.3	0.2	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: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
0.0	2.5°	7.3	7.3	7.3	7.1	7.1	7.1	7.1	7.1	7.1	7.1
0.0	5°	6.3	6.3	6.3	6.1	6.1	5.9	5.9	5.9	5.7	5.7
0.0	7.5°	5.4	5.2	5.2	5.0	5.0	4.9	4.9	4.9	4.7	4.7
0.0	10°	4.5	4.3	4.3	4.2	4.2	4.0	4.0	3.8	3.8	3.6
0.0	12.5°	4.0	3.8	3.6	3.5	3.5	3.3	3.1	3.1	3.0	2.8
0.0	15°	3.1	3.0	2.8	2.6	2.4	2.3	2.1	2.1	1.9	1.7
0.0	17.5°	2.1	1.7	1.6	1.4	1.4	1.2	1.0	0.9	0.7	0.5
0.0	20°	0.5	0.3	0.2	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: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
0.0	2.5°	7.1	6.9	6.9	6.9	7.1	7.1	7.1	7.1	7.1	7.1
0.0	5°	5.7	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
0.0	7.5°	4.7	4.5	4.5	4.5	4.5	4.3	4.3	4.3	4.3	4.3
0.0	10°	3.6	3.5	3.5	3.5	3.5	3.3	3.3	3.3	3.3	3.3
0.0	12.5°	2.6	2.6	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.1
0.0	15°	1.6	1.4	1.2	1.2	1.2	1.0	1.0	1.0	1.0	0.9
0.0	17.5°	0.3	0.3	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
0.0	2.5°	7.3	7.3	7.5	7.5	7.6	8.0	8.2	8.3	8.7	9.0
0.0	5°	5.7	5.9	5.9	6.1	6.3	6.4	6.6	6.8	7.1	7.5
0.0	7.5°	4.5	4.5	4.7	4.7	4.9	5.2	5.4	5.6	5.9	6.4
0.0	10°	3.5	3.5	3.6	3.6	3.8	4.2	4.3	4.5	4.9	5.4
0.0	12.5°	2.3	2.4	2.4	2.6	2.8	3.1	3.3	3.5	3.8	4.2
0.0	15°	1.0	1.2	1.2	1.4	1.6	1.9	2.1	2.3	2.6	3.1
0.0	17.5°	0.2	0.2	0.3	0.3	0.5	0.7	0.9	1.0	1.6	1.9
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

[illegible]

REPORT NUMBER: P1064953

CATALOG NUMBER: GLAN-SA1A-930-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°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
0.0	2.5°	9.6	9.9	10.3	10.6	10.9	11.3	11.5	11.8	12.0	12.2
0.0	5°	8.2	8.5	9.0	9.4	9.7	10.1	10.4	10.6	10.8	10.9
0.0	7.5°	7.1	7.5	8.0	8.3	8.7	9.0	9.4	9.7	9.9	10.1
0.0	10°	6.1	6.6	6.9	7.5	7.8	8.2	8.5	8.9	9.2	9.4
0.0	12.5°	4.9	5.4	5.9	6.3	6.8	7.3	7.6	8.0	8.3	8.7
0.0	15°	3.8	4.3	4.9	5.2	5.7	6.3	6.8	7.1	7.5	7.8
0.0	17.5°	2.8	3.3	3.8	4.2	4.7	5.2	5.6	6.1	6.4	6.8
0.0	20°	1.4	1.9	2.4	3.0	3.5	4.0	4.3	4.9	5.2	5.6
0.0	22.5°	0.2	0.7	1.2	1.6	2.1	2.6	3.0	3.5	3.8	4.2
0.0	25°	0.0	0.2	0.5	0.7	0.9	1.2	1.6	1.9	2.3	2.6
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.7	1.0	1.4
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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	0.2
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3
	85°	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.9	1.0	1.2
	87.5°	0.0	0.2	0.3	0.5	0.7	1.0	1.4	1.7	1.9	2.1
	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: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
10.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	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											
0.2											
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1.6											
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REPORT NUMBER: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
0.0	2.5°	12.3	12.3	12.3	12.3	12.2	12.2	12.2	12.0	12.0	11.8
0.0	5°	11.3	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.3	11.3
0.0	7.5°	10.4	10.6	10.8	10.8	10.9	10.9	10.9	10.8	10.8	10.6
0.0	10°	9.9	10.1	10.1	10.3	10.3	10.3	10.3	10.3	10.3	10.3
0.0	12.5°	9.2	9.4	9.6	9.6	9.7	9.7	9.7	9.7	9.6	9.6
0.0	15°	8.3	8.7	8.9	9.0	9.0	9.2	9.2	9.2	9.2	9.2
0.0	17.5°	7.6	8.0	8.2	8.3	8.3	8.5	8.5	8.7	8.7	8.7
0.0	20°	6.3	6.6	6.8	7.1	7.3	7.5	7.6	7.8	7.8	8.0
0.0	22.5°	4.9	5.2	5.4	5.7	5.9	6.1	6.3	6.4	6.6	6.8
0.0	25°	3.5	3.8	4.0	4.3	4.5	4.7	4.9	5.0	5.0	5.2
0.0	27.5°	1.9	2.3	2.6	2.8	3.1	3.3	3.5	3.6	3.8	4.0
0.0	30°	0.9	1.0	1.2	1.6	1.7	1.9	2.1	2.4	2.6	2.8
0.0	32.5°	0.0	0.0	0.2	0.5	0.7	0.9	1.0	1.2	1.2	1.4
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.7
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°	0.3	0.3	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	82.5°	0.9	1.0	1.2	1.2	1.4	1.4	1.4	1.4	1.2	1.2
	85°	1.7	1.9	2.1	2.1	2.3	2.3	2.3	2.3	2.3	2.3
	87.5°	2.4	2.6	2.8	2.8	3.0	3.0	3.0	3.0	3.0	3.0
	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: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
10.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0										
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REPORT NUMBER: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
0.0	0°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
0.0	2.5°	11.6	11.6	11.5	11.5	11.5	11.5	11.5	11.6	11.8	11.8
0.0	5°	11.1	11.1	10.9	10.9	10.9	11.1	11.1	11.3	11.5	11.6
0.0	7.5°	10.6	10.4	10.4	10.6	10.6	10.8	10.8	10.9	11.1	11.3
0.0	10°	10.3	10.1	10.1	10.1	10.3	10.3	10.4	10.6	10.8	10.9
0.0	12.5°	9.6	9.6	9.6	9.6	9.7	9.7	9.9	10.1	10.4	10.6
0.0	15°	9.2	9.0	9.0	9.0	9.0	9.2	9.2	9.6	9.9	10.1
0.0	17.5°	8.5	8.5	8.3	8.3	8.5	8.5	8.7	9.0	9.4	9.6
0.0	20°	7.8	7.6	7.5	7.5	7.6	7.6	7.8	8.2	8.5	8.7
0.0	22.5°	6.8	6.6	6.6	6.6	6.6	6.8	6.8	7.1	7.6	8.0
0.0	25°	5.4	5.6	5.6	5.7	5.7	5.9	6.1	6.4	6.9	7.3
0.0	27.5°	4.2	4.3	4.3	4.7	4.9	5.0	5.2	5.7	6.3	6.6
0.0	30°	3.1	3.3	3.5	3.6	4.0	4.3	4.7	5.2	5.7	6.1
0.0	32.5°	1.9	2.3	2.4	2.8	3.1	3.5	3.8	4.3	5.0	5.6
0.0	35°	1.4	1.6	1.9	2.1	2.4	2.8	3.1	3.8	4.3	5.0
0.0	37.5°	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.5	4.2	4.7
0.0	40°	0.5	0.9	1.0	1.4	1.9	2.3	2.6	3.3	4.0	4.7
0.0	42.5°	0.3	0.5	0.7	1.2	1.6	2.1	2.6	3.3	4.0	4.7
0.0	45°	0.3	0.3	0.5	1.0	1.6	2.3	2.8	3.5	4.0	4.7
0.0	47.5°	0.3	0.5	0.7	1.4	1.7	2.3	2.8	3.3	4.0	4.5
0.0	50°	0.5	0.7	0.9	1.6	1.9	2.4	2.8	3.5	4.0	4.7
0.0	52.5°	0.3	0.5	0.7	1.4	1.9	2.6	3.1	3.8	4.5	5.0
0.0	55°	0.2	0.2	0.2	1.0	2.1	3.0	4.0	4.5	5.2	5.7
0.0	57.5°	0.0	0.0	0.0	0.7	2.1	3.3	4.5	5.2	5.9	6.4
0.0	60°	0.0	0.0	0.0	0.7	2.1	3.3	4.5	5.4	6.3	7.1
0.0	62.5°	0.0	0.0	0.0	0.7	1.7	2.8	3.8	5.2	6.8	8.2
0.0	65°	0.0	0.0	0.0	0.5	1.4	2.3	3.1	5.2	7.3	9.2
0.0	67.5°	0.0	0.0	0.0	0.5	1.4	2.1	3.0	5.2	7.3	9.6
	70°	0.0	0.0	0.0	0.5	1.4	2.3	3.1	5.2	7.3	9.4
	72.5°	0.0	0.0	0.0	0.5	1.6	2.4	3.5	5.2	6.9	8.7
	75°	0.0	0.0	0.0	0.7	1.6	2.6	3.6	5.2	6.8	8.2
	77.5°	0.0	0.0	0.0	0.5	1.6	2.4	3.5	5.0	6.6	8.0
	80°	0.5	0.3	0.3	0.9	1.6	2.3	3.0	4.5	6.3	7.8
	82.5°	1.0	1.0	0.9	1.2	1.6	2.1	2.6	4.0	5.6	6.9
	85°	2.1	2.1	1.9	2.1	2.1	2.3	2.4	3.1	3.8	4.5
	87.5°	2.8	2.8	2.6	2.6	2.6	2.4	2.4	2.4	2.4	2.3
	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

REPORT NUMBER: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
10.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.5											
10.4											
9.7											
9.6											
9.4											
8.3											
5.2											
2.3											
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REPORT NUMBER: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
0.0	2.5°	12.2	12.3	12.3	12.5	12.7	12.9	12.9	13.0	13.0	13.0
0.0	5°	12.0	12.3	12.5	12.7	12.9	13.0	13.2	13.4	13.6	13.6
0.0	7.5°	11.8	12.0	12.3	12.5	12.9	13.0	13.4	13.6	13.7	13.9
0.0	10°	11.5	11.8	12.2	12.5	12.9	13.2	13.6	13.9	14.2	14.4
0.0	12.5°	11.1	11.6	12.0	12.3	12.9	13.4	13.7	14.2	14.6	14.9
0.0	15°	10.9	11.3	11.8	12.2	12.9	13.6	14.1	14.8	15.5	16.0
0.0	17.5°	10.4	11.1	11.6	12.2	12.9	13.7	14.4	15.1	16.2	17.2
0.0	20°	9.7	10.3	10.9	11.5	12.5	13.4	14.4	15.3	16.9	18.4
0.0	22.5°	9.0	9.7	10.3	10.9	12.2	13.2	14.4	15.5	18.1	20.5
0.0	25°	8.3	9.2	9.9	10.6	12.0	13.4	14.8	16.2	20.5	24.8
0.0	27.5°	8.0	8.7	9.6	10.3	12.0	13.9	15.6	17.4	24.3	31.1
0.0	30°	7.5	8.3	9.0	9.9	12.2	14.4	16.7	18.9	29.5	40.1
0.0	32.5°	6.9	7.8	8.7	9.6	12.5	15.5	18.2	21.2	35.1	48.8
0.0	35°	6.4	7.5	8.3	9.2	13.0	17.0	20.8	24.7	40.1	55.4
0.0	37.5°	6.3	7.3	8.2	9.0	13.2	17.2	21.4	25.4	40.7	55.9
0.0	40°	6.4	7.3	8.3	9.2	12.7	16.2	19.5	22.9	38.9	54.7
0.0	42.5°	6.4	7.5	8.5	9.6	12.3	15.1	17.9	20.7	38.4	56.1
0.0	45°	6.3	7.3	8.3	9.4	12.0	14.4	17.0	19.5	41.5	63.4
0.0	47.5°	6.1	7.1	8.2	9.2	11.8	14.4	17.0	19.6	53.7	87.6
0.0	50°	6.1	7.1	8.0	8.9	12.0	15.3	18.4	21.5	78.2	134.7
0.0	52.5°	6.4	7.3	8.0	8.7	12.3	16.2	19.8	23.5	99.4	175.1
0.0	55°	6.9	7.5	8.2	8.7	13.2	17.5	22.1	26.4	105.8	185.2
0.0	57.5°	7.6	8.2	8.7	9.2	14.8	20.3	25.7	31.3	106.3	181.2
0.0	60°	8.5	9.2	9.7	10.3	16.2	22.2	28.1	34.1	96.3	158.3
0.0	62.5°	10.4	11.3	12.0	12.9	18.6	24.2	29.9	35.4	79.9	124.4
0.0	65°	12.0	12.7	13.4	14.1	19.6	25.4	30.9	36.5	67.8	99.0
0.0	67.5°	12.3	13.0	13.6	14.2	20.0	25.7	31.3	37.0	58.0	78.9
	70°	12.5	13.4	14.4	15.3	21.2	27.1	32.8	38.7	51.4	64.1
	72.5°	12.0	13.7	15.3	16.9	22.4	27.8	33.4	38.7	47.8	56.8
	75°	12.0	14.4	16.7	18.9	23.1	27.1	31.3	35.3	42.2	49.2
	77.5°	12.7	15.8	18.9	22.1	24.5	26.8	29.2	31.4	36.0	40.5
	80°	12.7	16.0	19.1	22.4	23.5	24.7	25.7	26.8	27.3	27.8
	82.5°	10.9	13.6	16.2	18.8	17.5	16.3	15.1	13.9	13.0	12.0
	85°	5.6	6.1	6.4	6.8	6.3	5.7	5.2	4.7	4.3	3.8
	87.5°	2.3	2.3	2.1	2.1	2.1	2.1	1.9	1.9	1.9	1.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
10.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
257.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
393.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
495.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
507.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
457.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
391.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
305.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
231.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.8											
89.8											
65.3											
49.2											
27.6											
12.5											
3.6											
1.7											
0.0											
0.0											
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REPORT NUMBER: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
0.0	2.5°	13.0	12.9	12.9	12.7	12.5	12.3	12.2	12.0	11.8	11.6
0.0	5°	13.6	13.6	13.6	13.4	13.4	13.2	13.2	13.0	12.9	12.7
0.0	7.5°	14.1	14.2	14.2	14.4	14.4	14.4	14.4	14.2	14.2	14.2
0.0	10°	14.9	15.1	15.3	15.5	15.6	15.8	15.8	16.0	16.0	16.0
0.0	12.5°	16.0	16.5	16.9	17.4	17.7	18.2	18.6	19.1	19.5	19.8
0.0	15°	17.5	18.4	19.5	20.3	21.2	22.4	23.8	25.0	26.2	28.1
0.0	17.5°	19.8	22.6	25.4	28.0	30.8	36.8	42.9	48.8	54.9	63.8
0.0	20°	24.2	32.5	40.7	49.0	57.2	78.5	99.7	121.1	142.3	165.1
0.0	22.5°	33.9	54.4	74.9	95.4	115.9	160.5	205.0	249.7	294.2	346.5
0.0	25°	49.2	86.9	124.6	162.1	199.8	269.7	339.7	409.5	479.4	547.3
0.0	27.5°	71.6	129.3	187.0	244.5	302.1	396.8	491.7	586.4	681.1	757.9
0.0	30°	99.2	177.4	255.6	333.8	412.0	519.7	627.4	735.0	842.7	926.6
0.0	32.5°	125.3	221.0	316.7	412.3	508.0	630.7	753.5	876.2	998.9	1090.6
0.0	35°	142.3	258.0	373.9	489.6	605.3	738.1	870.8	1003.4	1136.1	1240.9
0.0	37.5°	159.3	292.9	426.4	560.0	693.4	839.2	985.0	1130.8	1276.5	1406.0
0.0	40°	178.4	335.2	491.7	648.4	805.0	977.7	1150.2	1322.9	1495.4	1678.1
0.0	42.5°	211.6	405.2	598.9	792.5	986.0	1214.5	1443.0	1671.3	1899.8	2160.4
0.0	45°	274.0	546.8	819.7	1092.5	1365.3	1668.0	1970.8	2273.5	2576.2	2923.0
0.0	47.5°	426.7	802.0	1177.1	1552.4	1927.6	2254.4	2581.0	2907.8	3234.5	3579.9
0.0	50°	652.9	1089.7	1526.5	1963.2	2400.0	2695.7	2991.2	3287.0	3582.5	3911.1
0.0	52.5°	816.6	1271.7	1726.9	2181.9	2637.0	2903.8	3170.9	3437.8	3704.7	4011.7
0.0	55°	829.0	1281.4	1734.0	2186.4	2638.9	2907.0	3175.1	3443.2	3711.3	4036.7
0.0	57.5°	733.9	1182.7	1631.3	2080.1	2528.7	2834.0	3139.1	3444.4	3749.5	4101.3
0.0	60°	624.3	1073.2	1522.0	1971.0	2419.8	2771.5	3123.3	3475.0	3826.6	4156.2
0.0	62.5°	487.0	948.8	1410.8	1872.7	2334.5	2691.5	3048.6	3405.5	3762.5	4009.8
0.0	65°	363.0	811.4	1259.8	1708.1	2156.6	2442.5	2728.5	3014.4	3300.3	3453.4
0.0	67.5°	262.4	649.1	1035.7	1422.5	1809.1	2013.7	2218.4	2422.9	2627.6	2744.7
	70°	177.4	445.3	713.1	981.0	1248.7	1416.9	1585.3	1753.5	1921.7	2079.8
	72.5°	122.8	273.3	423.9	574.4	724.9	894.1	1063.2	1232.4	1401.5	1568.8
	75°	81.5	149.9	218.6	287.0	355.5	480.8	606.2	731.5	856.8	956.5
	77.5°	57.9	78.4	99.0	119.5	140.0	163.5	187.1	210.6	234.0	269.7
	80°	27.5	30.1	32.7	35.1	37.7	46.2	54.7	63.2	71.8	80.8
	82.5°	13.0	14.1	15.1	16.0	17.0	17.9	18.8	19.6	20.5	19.6
	85°	3.5	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5
	87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.4	1.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
10.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
188.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
398.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
615.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
834.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1010.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1182.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1345.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1535.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1860.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2421.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3269.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3925.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4239.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4318.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4362.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4453.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4485.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4257.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3606.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2862.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2237.7											
1736.1											
1056.2											
305.3											
89.8											
18.6											
3.3											
1.2											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											
0.0											

REPORT NUMBER: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
0.0	2.5°	11.3	11.1	10.9	10.8	10.6	10.3	10.3	10.1	10.1
0.0	5°	12.3	12.2	12.0	11.8	11.8	11.6	11.5	11.5	11.3
0.0	7.5°	14.1	13.9	13.7	13.6	13.6	13.4	13.4	13.2	13.2
0.0	10°	16.2	16.2	16.2	16.2	16.2	16.0	16.0	16.0	15.8
0.0	12.5°	20.3	20.5	20.8	21.2	21.7	21.7	21.7	21.5	21.5
0.0	15°	32.1	34.1	35.4	36.8	38.1	40.8	40.5	40.0	39.6
0.0	17.5°	81.3	90.0	94.7	99.2	103.9	116.8	114.7	112.6	110.7
0.0	20°	210.8	233.5	248.6	263.7	279.0	303.2	297.3	291.4	285.5
0.0	22.5°	450.9	503.2	525.9	548.7	571.3	600.5	581.5	562.6	543.8
0.0	25°	683.0	750.9	789.3	827.7	866.0	882.6	858.0	833.1	808.4
0.0	27.5°	911.5	988.3	1022.2	1055.9	1089.7	1124.7	1094.1	1063.3	1032.8
0.0	30°	1094.6	1178.5	1215.2	1251.7	1288.3	1312.7	1281.0	1249.2	1217.6
0.0	32.5°	1274.3	1366.0	1406.1	1446.3	1486.2	1521.2	1482.2	1443.2	1404.2
0.0	35°	1450.3	1555.0	1610.3	1665.5	1720.8	1753.3	1707.1	1660.7	1614.5
0.0	37.5°	1665.0	1794.5	1856.3	1918.2	1980.0	2039.3	1988.4	1937.3	1886.4
0.0	40°	2043.3	2225.9	2320.8	2415.8	2510.7	2587.1	2522.8	2458.5	2394.2
0.0	42.5°	2681.6	2942.2	3078.6	3214.9	3351.3	3470.6	3403.0	3335.4	3267.9
0.0	45°	3616.6	3963.4	4129.6	4295.7	4462.0	4549.2	4451.9	4354.5	4257.2
0.0	47.5°	4270.6	4616.0	4764.0	4912.0	5060.1	5159.6	5040.6	4921.6	4802.7
0.0	50°	4568.0	4896.6	5045.1	5193.5	5342.1	5421.1	5283.7	5146.1	5008.6
0.0	52.5°	4625.5	4932.5	5109.8	5287.2	5464.4	5570.0	5407.7	5245.3	5083.0
0.0	55°	4687.7	5013.1	5218.7	5424.4	5630.0	5776.3	5592.8	5409.1	5225.6
0.0	57.5°	4804.8	5156.7	5361.7	5566.5	5771.6	5895.8	5711.8	5527.6	5343.6
0.0	60°	4815.3	5144.7	5320.9	5497.2	5673.4	5751.6	5575.6	5399.4	5223.4
0.0	62.5°	4504.4	4751.7	4874.0	4996.3	5118.6	5203.6	5019.9	4836.1	4652.4
0.0	65°	3759.7	3912.8	4010.3	4107.7	4205.2	4306.5	4138.3	3970.1	3802.0
0.0	67.5°	2979.1	3096.2	3224.6	3353.0	3481.4	3589.6	3455.0	3320.1	3185.5
	70°	2395.8	2553.7	2698.1	2842.5	2986.9	3075.5	2940.3	2805.0	2669.8
	72.5°	1903.4	2070.7	2191.3	2311.7	2432.3	2454.0	2354.6	2255.2	2156.0
	75°	1155.8	1255.5	1257.9	1260.2	1262.6	1283.3	1200.9	1118.6	1036.4
	77.5°	340.9	376.5	405.9	435.1	464.4	499.9	469.6	439.2	409.0
	80°	98.7	107.7	115.4	122.8	130.5	126.0	118.8	111.7	104.6
	82.5°	17.7	16.7	16.5	16.3	16.3	15.5	14.1	12.7	11.3
	85°	3.1	3.0	2.8	2.6	2.4	2.3	1.9	1.7	1.4
	87.5°	1.0	0.9	0.7	0.5	0.5	0.2	0.2	0.2	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
0.0	0.0	2.5°	9.9	9.7	9.7	9.7	9.7	9.6	9.6	9.6	9.6
0.0	0.0	5°	10.9	10.9	10.8	10.8	10.6	10.6	10.4	10.4	10.3
0.0	0.0	7.5°	12.9	12.7	12.5	12.3	12.2	11.8	11.6	11.5	11.5
0.0	0.0	10°	15.5	15.1	14.9	14.6	14.4	14.1	13.7	13.4	13.0
0.0	0.0	12.5°	20.3	19.6	19.1	18.4	17.7	17.2	16.5	16.0	15.3
0.0	0.0	15°	35.3	33.5	31.6	29.4	26.9	24.7	22.2	20.8	19.3
0.0	0.0	17.5°	90.2	81.1	71.9	64.5	57.0	49.7	42.2	36.8	31.4
0.0	0.0	20°	229.5	204.5	179.5	154.8	130.0	105.3	80.4	67.9	55.4
0.0	0.0	22.5°	431.9	385.5	339.0	294.0	248.8	203.8	158.8	130.5	102.3
0.0	0.0	25°	666.7	608.3	549.9	475.9	401.7	327.7	253.7	207.6	161.6
0.0	0.0	27.5°	867.5	800.3	733.0	643.0	553.0	463.0	373.0	304.4	235.9
0.0	0.0	30°	1041.4	969.2	896.9	792.1	687.3	582.6	477.8	392.0	306.1
0.0	0.0	32.5°	1192.3	1105.7	1019.2	911.1	803.1	695.0	586.9	481.6	376.3
0.0	0.0	35°	1366.2	1265.2	1164.1	1044.2	924.2	804.3	684.4	565.5	446.5
0.0	0.0	37.5°	1587.2	1463.3	1339.2	1205.6	1072.0	938.6	805.0	669.1	533.2
0.0	0.0	40°	2010.3	1850.4	1690.6	1520.8	1350.9	1181.1	1011.4	844.6	677.8
0.0	0.0	42.5°	2768.3	2552.4	2336.4	2110.5	1884.5	1658.6	1432.6	1197.3	961.9
0.0	0.0	45°	3623.9	3355.9	3087.8	2834.4	2580.7	2327.2	2073.7	1750.9	1428.0
0.0	0.0	47.5°	4105.0	3815.7	3526.4	3286.4	3046.5	2806.6	2566.6	2218.6	1870.6
0.0	0.0	50°	4282.0	3987.5	3693.0	3472.2	3251.2	3030.3	2809.3	2460.8	2112.1
0.0	0.0	52.5°	4319.7	4019.3	3718.9	3496.7	3274.5	3052.4	2830.2	2483.9	2137.6
0.0	0.0	55°	4397.2	4074.9	3752.4	3499.1	3245.8	2992.5	2739.1	2387.3	2035.5
0.0	0.0	57.5°	4498.5	4168.0	3837.6	3549.0	3260.4	2972.0	2683.4	2298.7	1914.0
0.0	0.0	60°	4471.9	4184.4	3896.6	3587.5	3278.3	2969.2	2659.9	2236.8	1813.6
0.0	0.0	62.5°	4010.5	3781.5	3552.3	3298.1	3043.7	2789.5	2535.3	2099.7	1664.2
0.0	0.0	65°	3299.3	3132.2	2965.0	2760.5	2555.8	2351.3	2146.8	1756.2	1365.8
0.0	0.0	67.5°	2674.0	2485.6	2297.1	2134.1	1971.0	1808.0	1644.9	1337.5	1030.2
		70°	2124.4	1919.6	1714.5	1555.4	1396.1	1236.9	1077.8	873.4	669.3
		72.5°	1687.1	1502.4	1317.7	1148.0	978.0	808.3	638.4	517.6	396.8
		75°	806.4	732.5	658.7	569.9	481.1	392.3	303.5	250.9	198.4
		77.5°	298.8	259.1	219.1	183.0	146.8	110.9	74.7	68.5	62.2
		80°	77.3	67.4	57.3	50.2	42.9	35.8	28.7	25.9	23.3
		82.5°	8.9	8.2	7.6	7.3	6.8	6.4	5.9	5.4	4.9
		85°	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064953

CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	10.1	10.1
0.0	0.0	2.5°	9.4	9.2
0.0	0.0	5°	9.9	9.7
0.0	0.0	7.5°	10.9	10.6
0.0	0.0	10°	12.0	11.6
0.0	0.0	12.5°	13.6	13.0
0.0	0.0	15°	15.3	14.2
0.0	0.0	17.5°	18.2	16.0
0.0	0.0	20°	24.7	18.9
0.0	0.0	22.5°	34.7	23.6
0.0	0.0	25°	51.1	32.7
0.0	0.0	27.5°	71.1	43.4
0.0	0.0	30°	94.5	54.4
0.0	0.0	32.5°	115.2	64.8
0.0	0.0	35°	142.1	75.4
0.0	0.0	37.5°	175.3	89.0
0.0	0.0	40°	226.7	109.5
0.0	0.0	42.5°	319.3	147.3
0.0	0.0	45°	518.6	254.7
0.0	0.0	47.5°	798.0	421.3
0.0	0.0	50°	976.3	537.7
0.0	0.0	52.5°	990.9	536.9
0.0	0.0	55°	904.5	477.3
0.0	0.0	57.5°	771.8	398.9
0.0	0.0	60°	641.5	315.5
0.0	0.0	62.5°	505.4	217.9
0.0	0.0	65°	369.4	154.1
0.0	0.0	67.5°	265.3	115.2
		70°	174.4	88.3
		72.5°	113.6	71.9
		75°	76.4	59.6
		77.5°	44.7	39.6
		80°	15.8	13.9
		82.5°	3.0	2.1
		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: P1064953
CATALOG NUMBER: GLAN-SA1A-930-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-14

Test Date: 10/11/2024

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

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

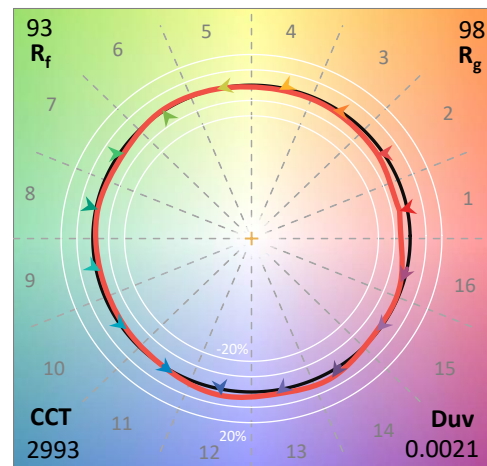
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-14
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-930-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3000K CCT 26 LEDS

Spectral Parameters

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

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



Test Conditions

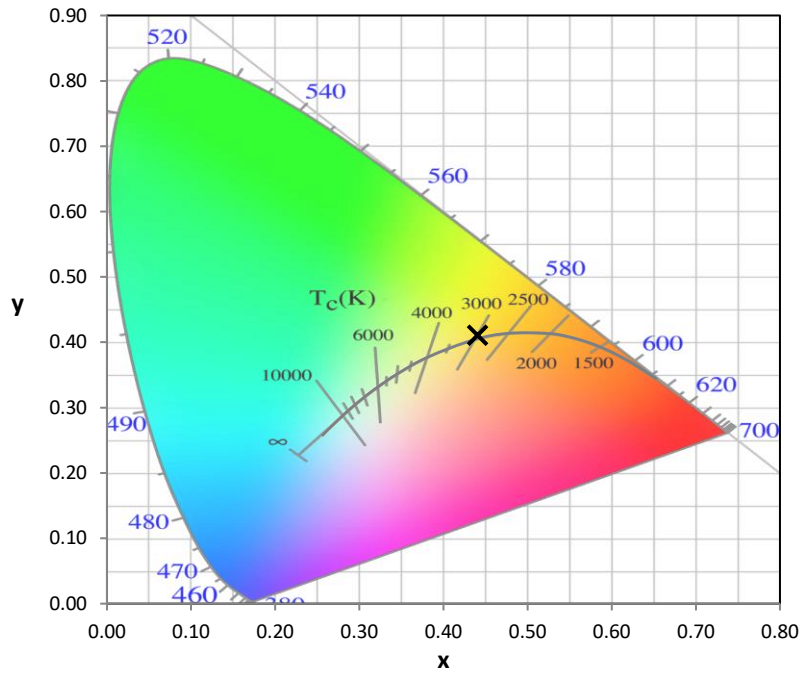
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

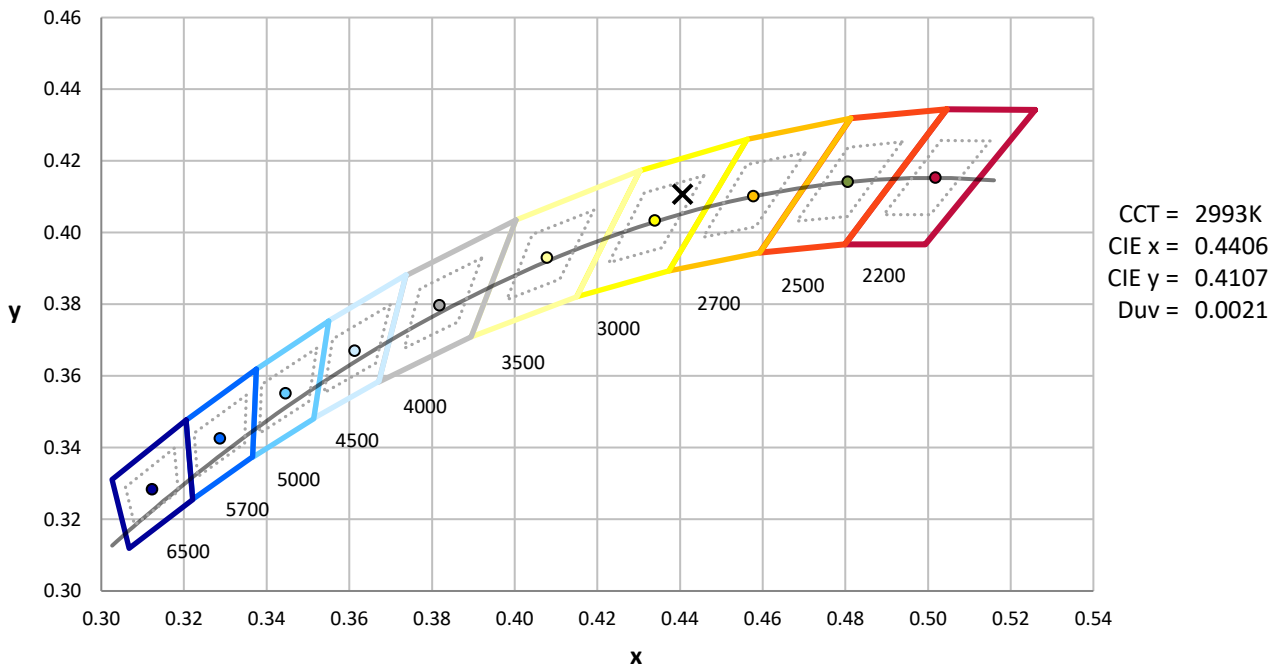
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



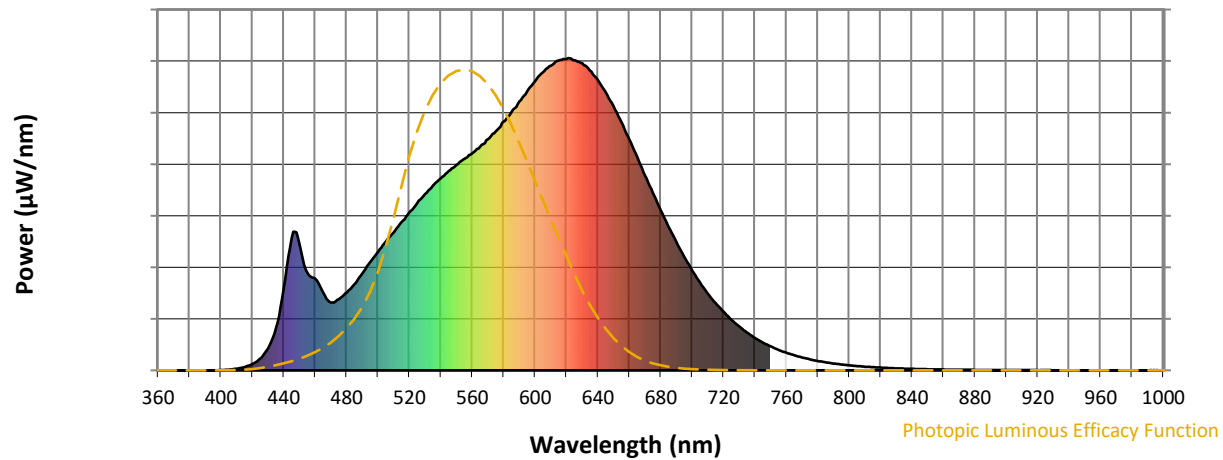
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

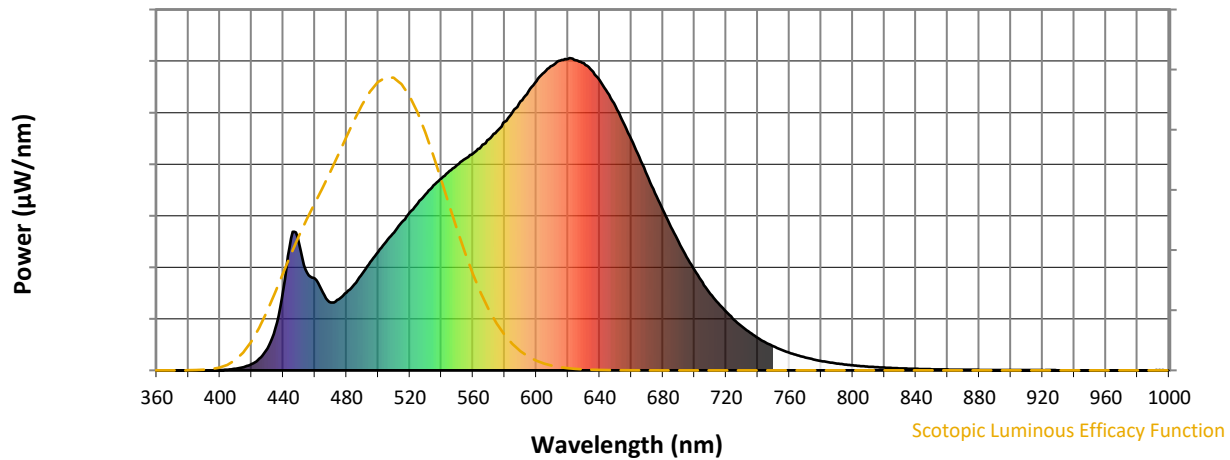


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength



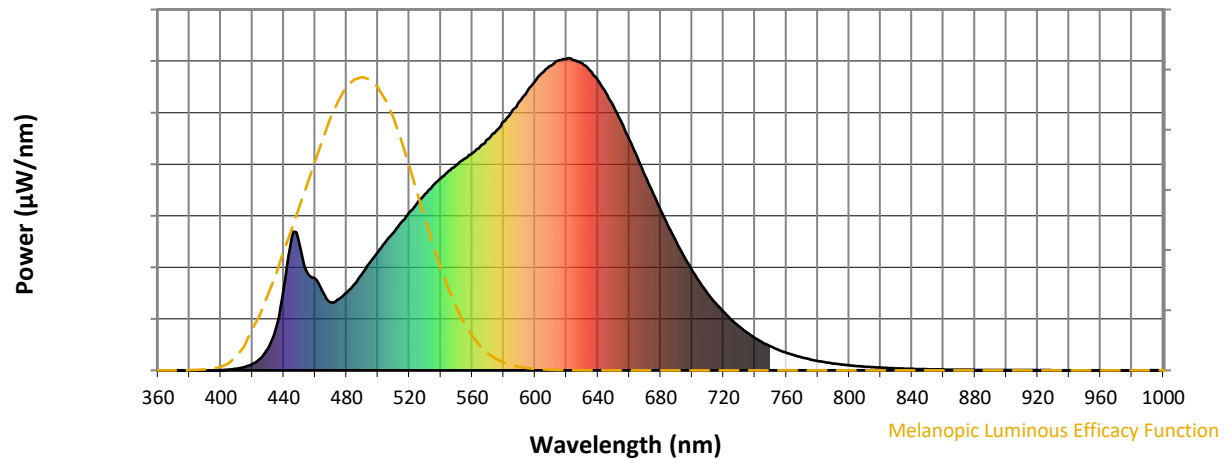
Scotopic Lumens: NR

S/P: 1.39

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

REPORT NUMBER: SP1-2407-184-14

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.69

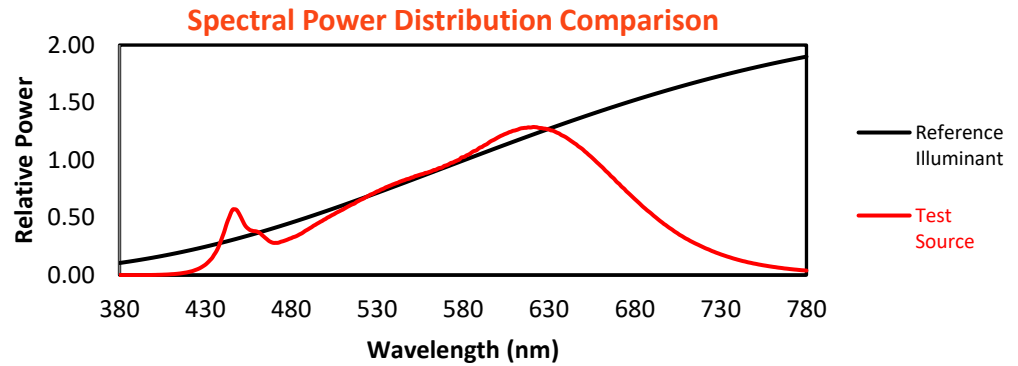
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310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

REPORT NUMBER: SP1-2407-184-14

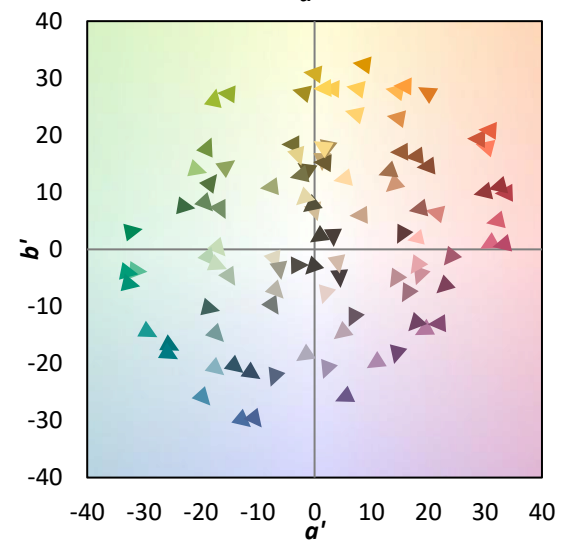
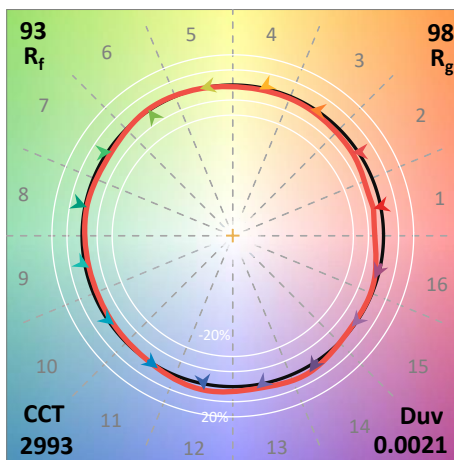
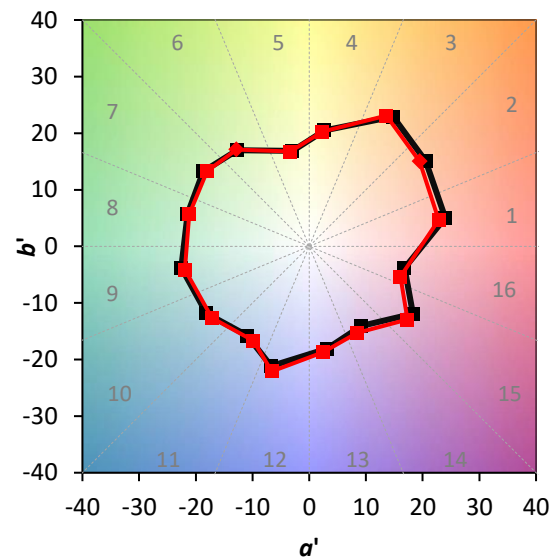
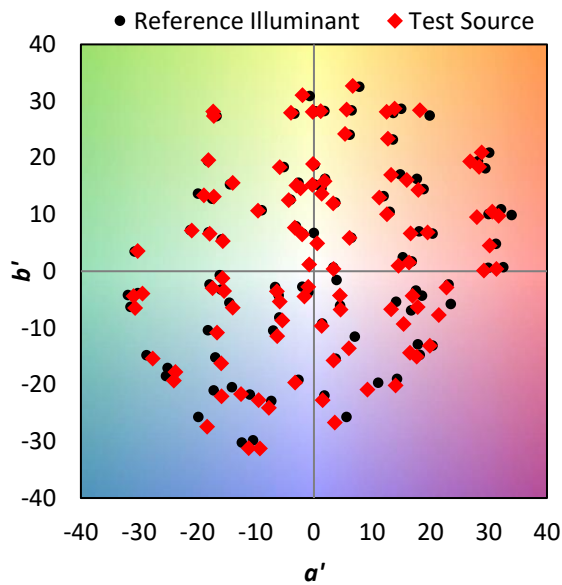
TM-30-18

Summary

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

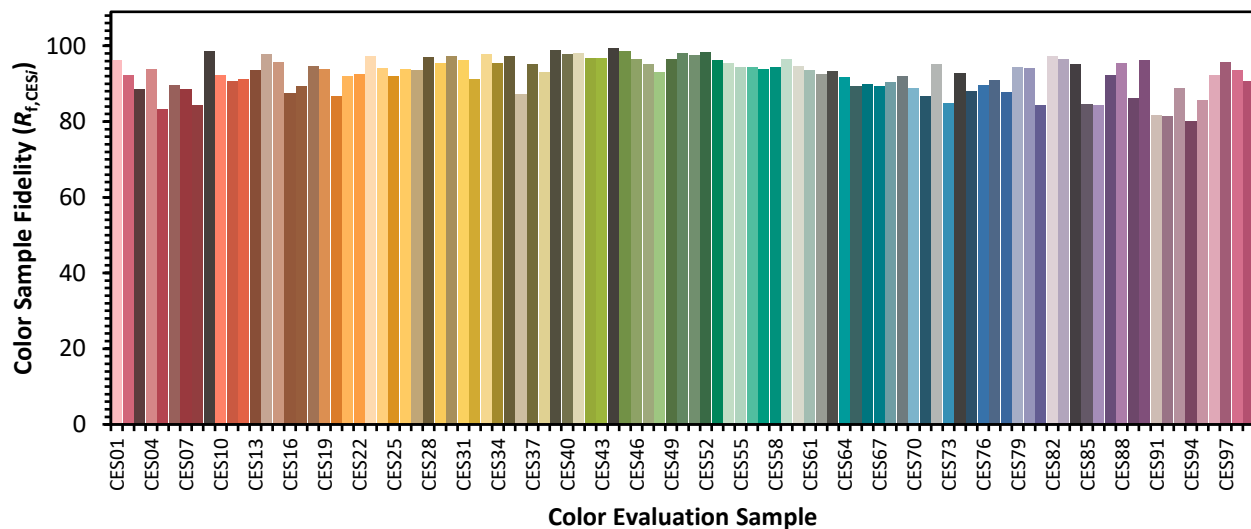


Color Vector Graphics

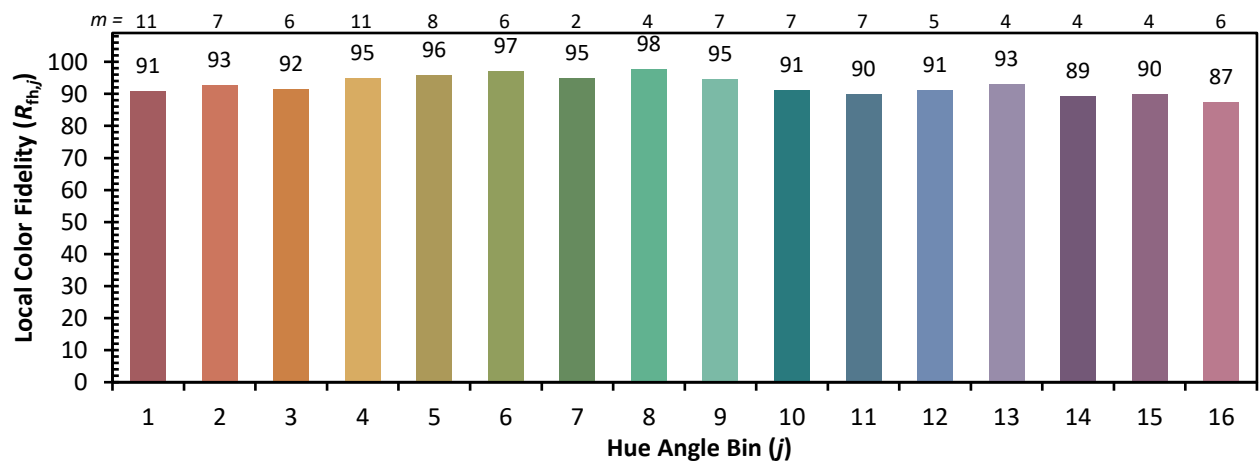
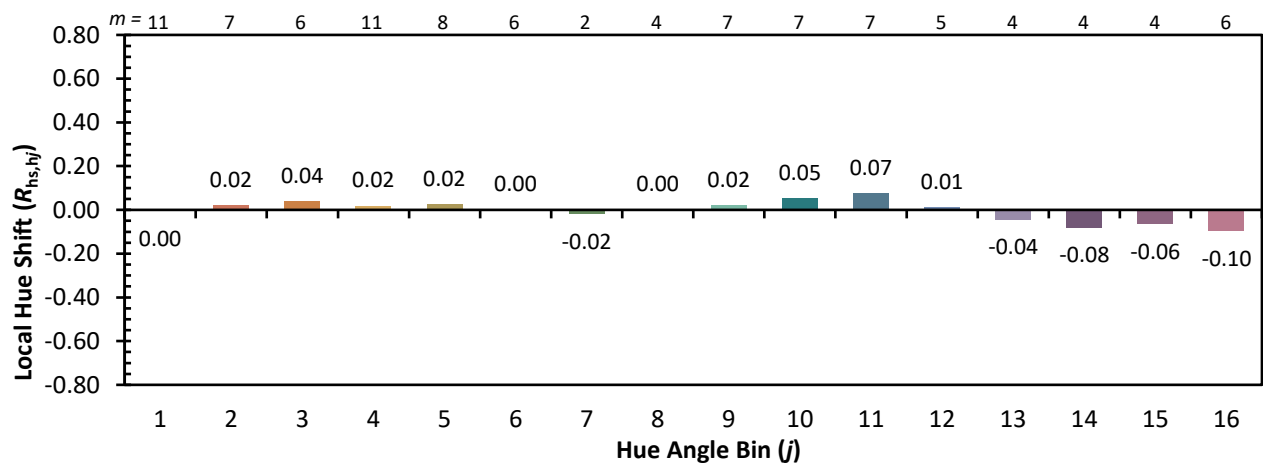
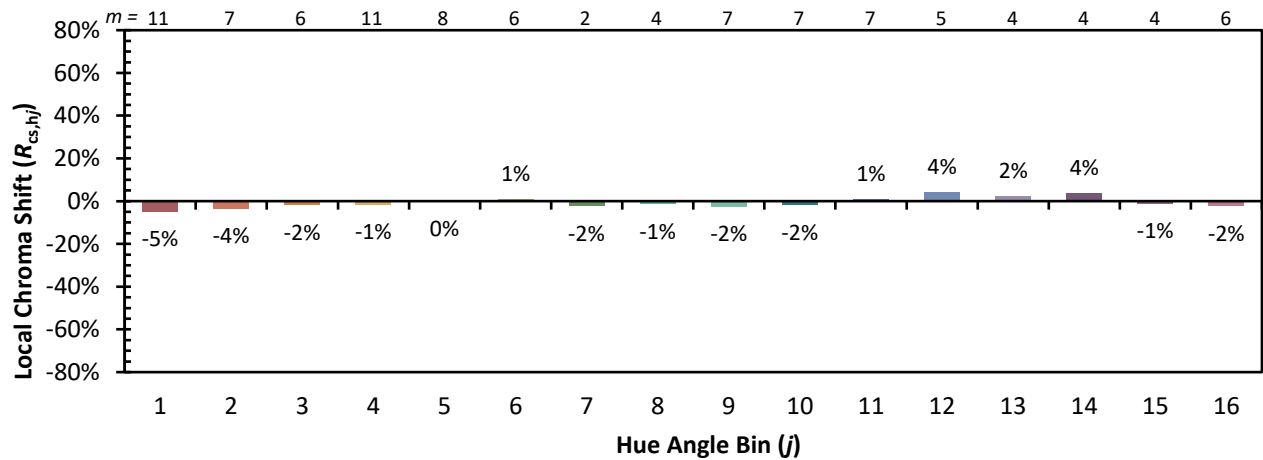


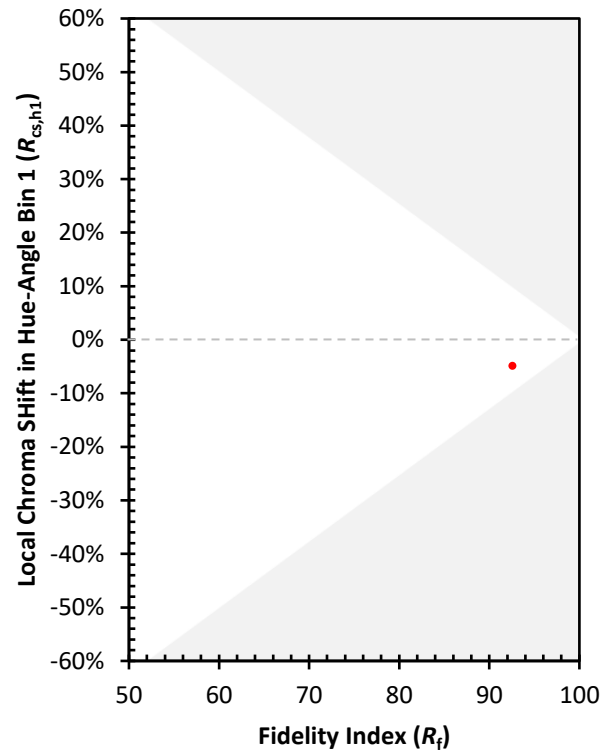
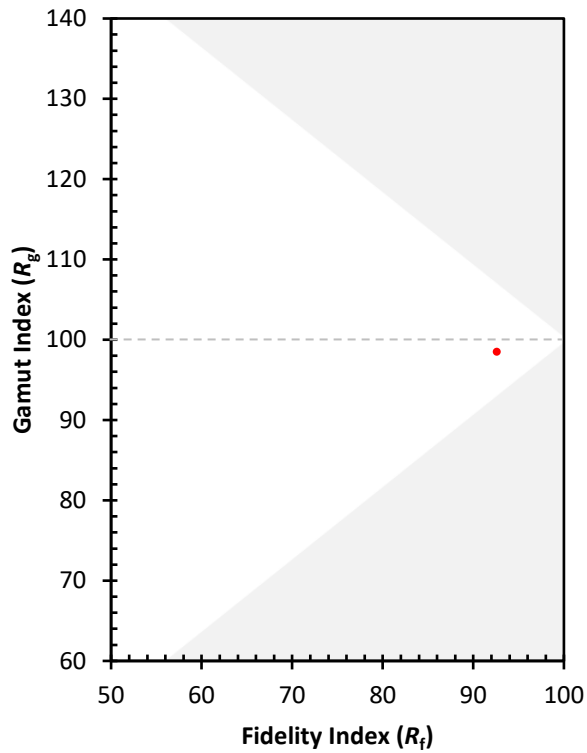
Individual Sample Fidelity Index ($R_{f,i}$)

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



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)