

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: McGRAW-EDISON

Report Number: P1049325

Luminaire Tested: **GALN-SA3A-930-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049325
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3A-930-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
90CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6916.8 lumens
Efficiency: N/A
Efficacy: 85.0 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): 81.4
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

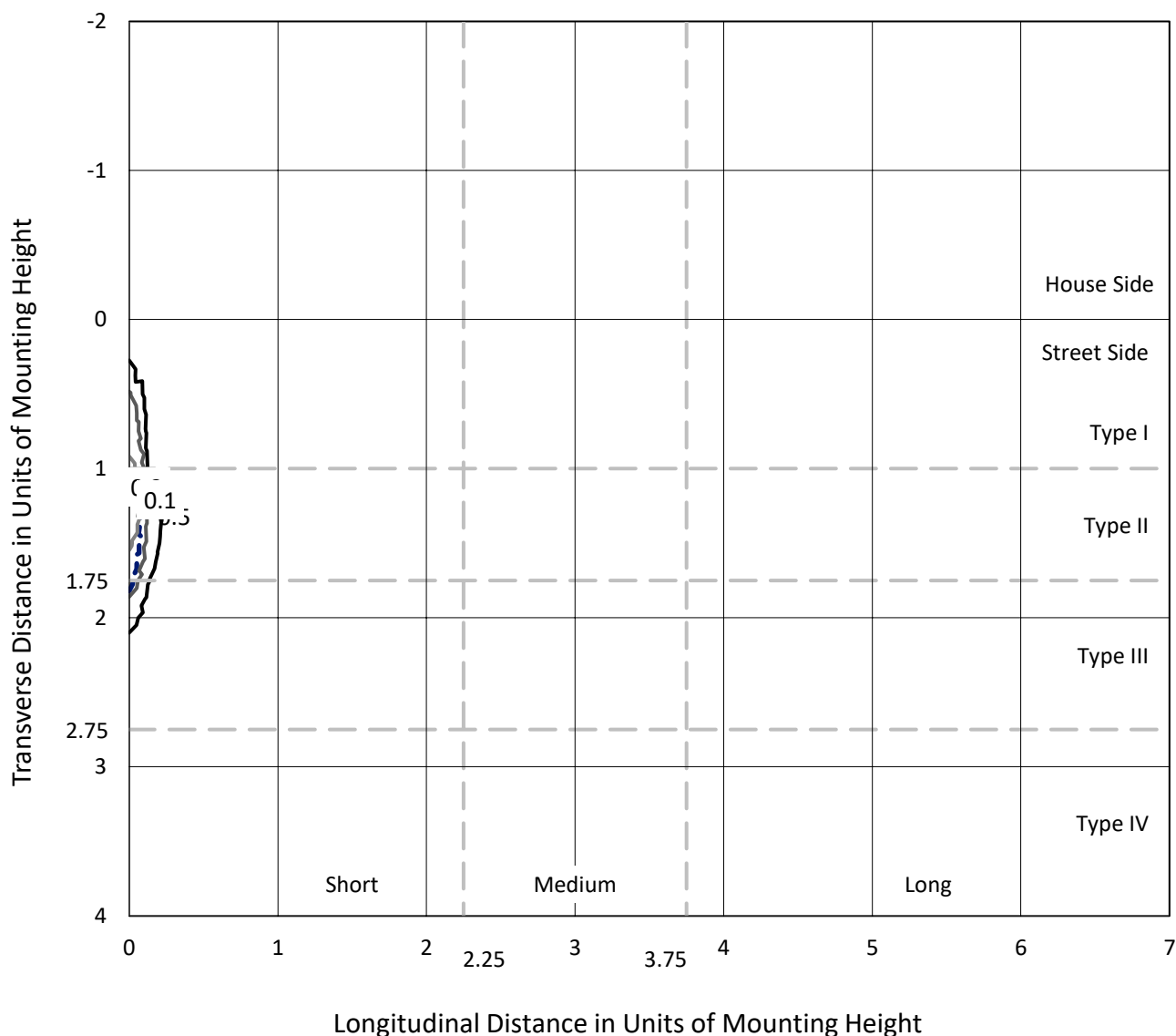
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

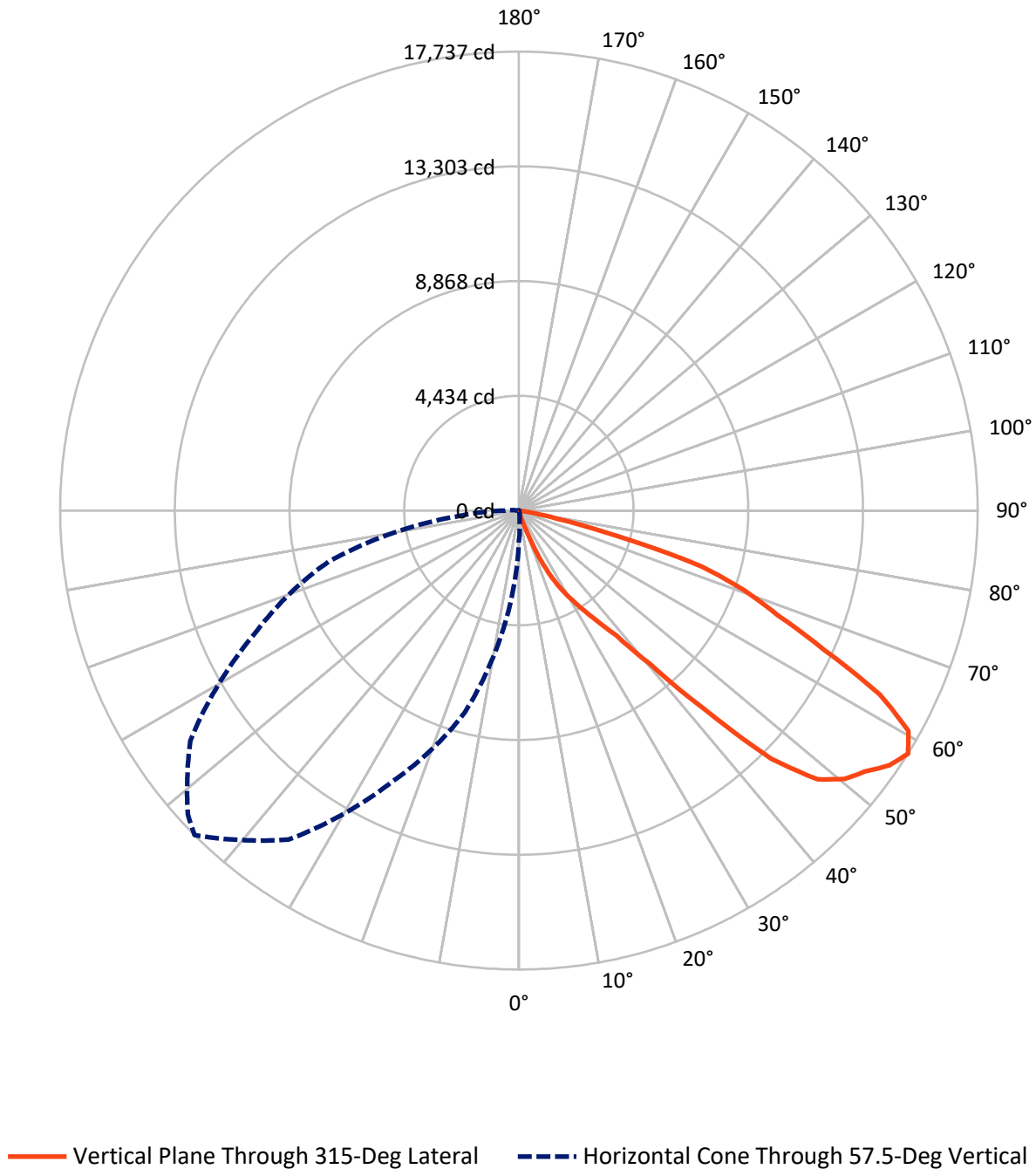


Based on 20 foot mounting height. Maximum calculated value = 1 fc

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	34.6	0.0	34.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	6882.2	0.0	6882.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	6916.8	0.0	6916.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.7	0.0
10°-20°	15.2	0.2
20°-30°	163.9	2.4
30°-40°	484.7	7.0
40°-50°	1444.6	20.9
50°-60°	2290.7	33.1
60°-70°	1912.2	27.6
70°-80°	589.6	8.5
80°-90°	13.1	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°	6916.8	100.0
0°-180°	6916.8	100.0



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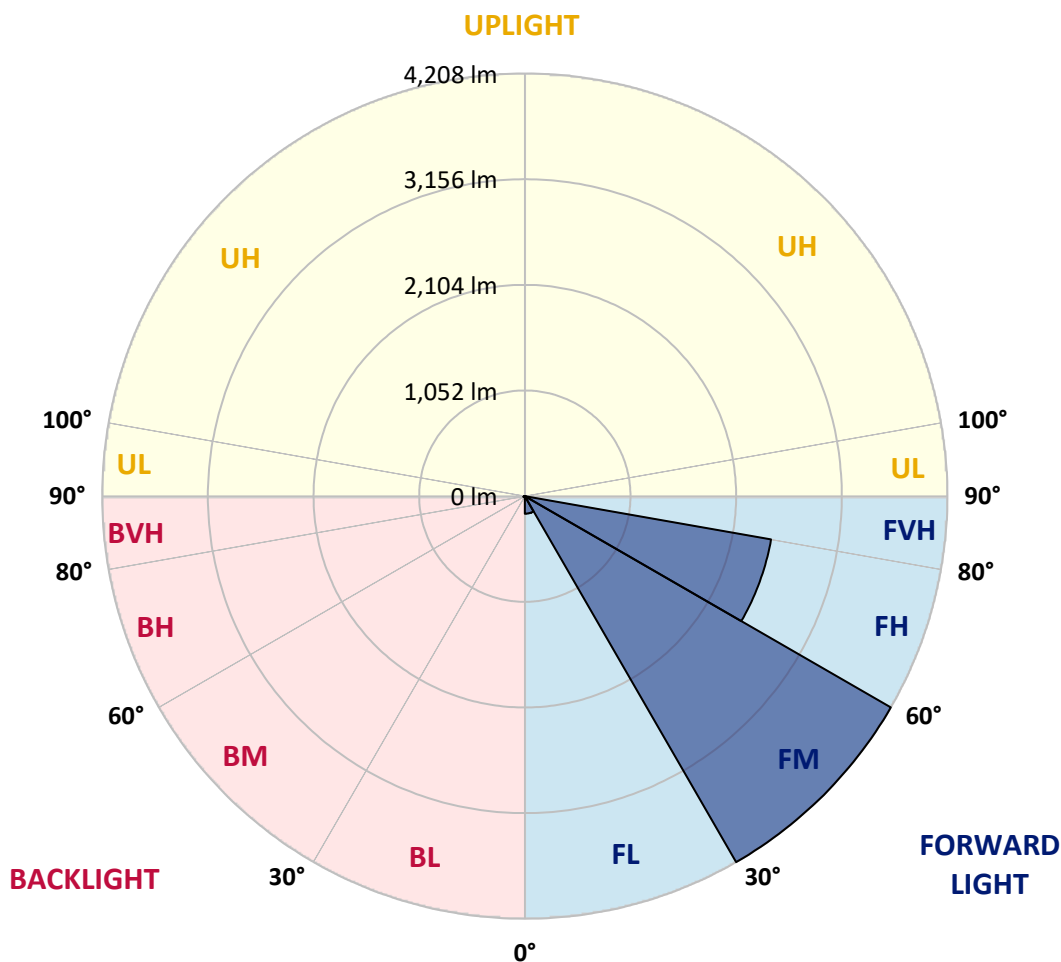
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	175.5	2.5			
FM	(30°-60°)	4207.7	60.8			
FH	(60°-80°)	2488.9	36.0			G2/5000
FVH	(80°-90°)	10.1	0.1			G1/100
BL	(0°-30°)	6.4	0.1	B0/110		
BM	(30°-60°)	12.4	0.2	B0/220		
BH	(60°-80°)	12.9	0.2	B0/110		G0/110
BVH	(80°-90°)	3.0	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-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°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
2.5°	27.7	27.7	27.7	27.7	27.2	27.2	26.7	26.7	26.1	26.1
5°	29.3	29.3	28.7	28.2	28.2	27.7	27.2	26.7	26.7	26.1
7.5°	31.9	31.4	30.8	30.3	29.3	28.7	27.7	27.2	26.7	25.6
10°	35.0	34.0	32.9	31.9	30.8	29.8	28.7	28.2	27.2	26.7
12.5°	39.2	37.6	35.5	34.0	32.9	31.4	30.3	29.3	27.7	26.7
15°	42.9	40.8	38.2	36.1	34.5	32.4	30.8	29.3	28.2	26.7
17.5°	48.1	44.4	40.2	37.6	35.5	32.9	30.3	28.7	27.2	25.1
20°	57.0	49.7	41.8	38.7	35.5	32.4	29.3	27.2	25.6	23.5
22.5°	71.1	58.5	46.0	41.3	37.1	32.4	28.2	26.1	24.0	22.0
25°	98.3	75.8	53.3	47.0	40.8	34.5	28.2	25.6	23.5	20.9
27.5°	130.7	97.2	63.2	54.4	46.0	37.1	28.2	25.1	22.5	19.3
30°	163.6	119.2	74.2	62.7	51.2	39.7	28.2	24.6	21.4	17.8
32.5°	195.0	139.6	83.6	70.0	56.5	42.3	28.7	24.6	20.4	16.2
35°	226.9	156.3	85.2	71.1	57.0	42.3	28.2	23.5	19.3	14.6
37.5°	267.6	175.1	82.1	68.0	54.4	40.2	26.7	22.5	18.3	13.6
40°	329.3	206.5	83.6	69.0	54.4	39.7	25.1	20.9	17.2	13.1
42.5°	443.2	267.1	90.4	73.7	57.0	39.7	23.0	19.3	16.2	12.5
45°	766.3	443.8	121.3	96.2	71.1	46.0	20.9	17.8	15.2	12.0
47.5°	1267.5	742.8	218.0	168.3	119.2	69.5	20.4	17.8	15.2	12.0
50°	1617.7	946.1	274.4	211.2	147.9	84.7	21.4	18.3	15.7	12.5
52.5°	1615.1	960.7	305.8	234.7	164.1	93.0	22.5	19.3	16.7	13.6
55°	1435.9	874.0	311.5	239.4	167.8	95.7	24.0	20.9	17.8	14.6
57.5°	1200.1	742.2	284.3	220.1	156.3	92.0	27.7	24.0	20.9	17.2
60°	949.2	585.4	221.6	175.1	129.1	82.6	36.6	31.9	27.7	23.0
62.5°	655.5	424.4	193.4	155.2	117.6	79.5	41.8	37.1	32.9	28.2
65°	463.6	319.4	174.6	142.2	110.3	77.9	45.5	40.2	35.5	30.3
67.5°	346.5	254.0	161.0	133.3	105.6	77.9	50.2	43.9	38.2	31.9
70°	265.5	208.6	151.1	128.6	106.6	84.2	61.7	52.8	44.4	35.5
72.5°	216.4	178.2	139.6	123.4	107.2	90.9	74.7	63.2	51.7	39.7
75°	179.3	152.6	126.0	112.4	99.3	85.7	72.1	61.7	51.7	41.3
77.5°	119.2	108.7	97.7	89.9	82.1	73.7	65.9	57.0	48.6	39.7
80°	41.8	40.2	38.7	41.8	45.0	48.1	51.2	45.0	39.2	32.9
82.5°	6.3	5.7	5.2	5.7	6.3	6.8	7.3	7.8	8.4	8.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
0.0	2.5°	25.6	25.6	25.1	25.1	25.1	24.6	24.6	24.0	24.0	24.0
0.0	5°	25.1	25.1	24.6	24.0	23.5	23.5	23.0	22.5	22.5	22.0
0.0	7.5°	24.6	24.0	23.5	23.0	22.5	22.0	21.4	20.9	20.9	20.4
0.0	10°	25.1	24.0	23.5	22.5	22.0	21.4	20.4	19.9	19.3	19.3
0.0	12.5°	24.0	23.5	22.5	21.4	20.9	19.9	19.3	18.3	17.8	17.8
0.0	15°	24.0	23.0	21.4	20.4	19.3	18.8	17.8	16.7	16.2	15.7
0.0	17.5°	22.5	21.4	19.9	18.8	17.8	16.7	15.7	14.6	14.1	13.6
0.0	20°	20.4	19.3	17.8	16.2	15.2	14.1	13.1	12.0	11.5	11.0
0.0	22.5°	18.3	17.2	15.7	14.1	13.1	12.0	10.5	9.4	8.9	7.8
0.0	25°	17.2	15.7	14.1	12.5	11.0	9.9	8.4	6.8	5.7	4.7
0.0	27.5°	14.6	13.1	11.5	9.9	8.4	6.8	5.2	3.7	2.6	2.1
0.0	30°	12.5	11.0	9.4	7.8	5.7	4.2	2.6	0.5	0.5	0.5
0.0	32.5°	10.5	8.9	6.8	5.2	4.2	2.6	1.6	0.0	0.0	0.0
0.0	35°	8.4	6.8	4.7	3.1	2.6	1.6	1.0	0.0	0.0	0.0
0.0	37.5°	7.3	5.7	3.7	1.6	1.0	1.0	0.5	0.0	0.0	0.0
0.0	40°	6.8	4.7	2.6	0.5	0.5	0.5	0.0	0.0	0.0	0.0
0.0	42.5°	6.8	4.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	6.8	4.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	6.8	4.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	7.3	5.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	8.4	6.3	4.2	2.1	1.6	1.0	0.5	0.0	0.0	0.0
0.0	55°	10.5	9.4	7.8	6.8	5.2	3.7	1.6	0.0	0.0	0.0
0.0	57.5°	13.6	13.6	13.1	12.5	9.4	6.3	3.1	0.0	0.0	0.0
0.0	60°	18.3	18.3	18.3	18.3	13.6	9.4	4.7	0.0	0.0	0.0
0.0	62.5°	22.5	21.4	19.9	18.8	14.1	9.4	4.7	0.0	0.0	0.0
0.0	65°	22.5	20.4	17.8	15.2	11.5	7.8	3.7	0.0	0.0	0.0
0.0	67.5°	20.9	16.7	12.0	7.8	5.7	4.2	2.1	0.0	0.0	0.0
	70°	20.9	14.6	8.4	2.1	1.6	1.0	0.5	0.0	0.0	0.0
	72.5°	20.9	14.1	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	23.0	15.7	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	23.0	15.7	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	20.4	13.6	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	6.8	4.7	2.1	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°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
0.0	2.5°	23.5	23.5	23.5	23.0	23.0	23.0	23.0	22.5	22.5	22.5
0.0	5°	21.4	21.4	20.9	20.9	20.4	20.4	19.9	19.9	19.3	19.3
0.0	7.5°	19.9	19.3	19.3	18.8	18.3	18.3	17.8	17.8	17.2	16.7
0.0	10°	18.3	17.8	17.8	17.2	16.7	16.2	16.2	15.7	15.2	14.6
0.0	12.5°	16.7	16.2	15.7	15.2	14.6	14.1	14.1	13.6	13.1	12.5
0.0	15°	14.6	14.1	13.6	13.1	12.5	12.0	12.0	11.5	11.0	10.5
0.0	17.5°	12.5	12.0	12.0	11.5	11.0	10.5	9.9	8.9	8.4	7.8
0.0	20°	9.4	8.9	8.4	7.8	7.3	6.3	5.7	4.7	3.7	3.1
0.0	22.5°	6.3	5.2	4.7	3.7	2.6	2.1	1.6	0.5	0.0	0.0
0.0	25°	2.1	1.6	1.0	0.5	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: P1049325

CATALOG NUMBER: GALN-SA3A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049325

CATALOG NUMBER: GALN-SA3A-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°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
0.0	2.5°	22.0	22.0	22.0	21.4	21.4	21.4	21.4	21.4	21.4	21.4
0.0	5°	18.8	18.8	18.8	18.3	18.3	17.8	17.8	17.8	17.2	17.2
0.0	7.5°	16.2	15.7	15.7	15.2	15.2	14.6	14.6	14.6	14.1	14.1
0.0	10°	13.6	13.1	13.1	12.5	12.5	12.0	12.0	11.5	11.5	11.0
0.0	12.5°	12.0	11.5	11.0	10.5	10.5	9.9	9.4	9.4	8.9	8.4
0.0	15°	9.4	8.9	8.4	7.8	7.3	6.8	6.3	6.3	5.7	5.2
0.0	17.5°	6.3	5.2	4.7	4.2	4.2	3.7	3.1	2.6	2.1	1.6
0.0	20°	1.6	1.0	0.5	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):

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REPORT NUMBER: P1049325

CATALOG NUMBER: GALN-SA3A-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°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
0.0	2.5°	21.4	20.9	20.9	20.9	21.4	21.4	21.4	21.4	21.4	21.4
0.0	5°	17.2	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
0.0	7.5°	14.1	13.6	13.6	13.6	13.6	13.1	13.1	13.1	13.1	13.1
0.0	10°	11.0	10.5	10.5	10.5	10.5	9.9	9.9	9.9	9.9	9.9
0.0	12.5°	7.8	7.8	7.3	7.3	7.3	6.8	6.8	6.8	6.8	6.3
0.0	15°	4.7	4.2	3.7	3.7	3.7	3.1	3.1	3.1	3.1	2.6
0.0	17.5°	1.0	1.0	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
0.0	2.5°	22.0	22.0	22.5	22.5	23.0	24.0	24.6	25.1	26.1	27.2
0.0	5°	17.2	17.8	17.8	18.3	18.8	19.3	19.9	20.4	21.4	22.5
0.0	7.5°	13.6	13.6	14.1	14.1	14.6	15.7	16.2	16.7	17.8	19.3
0.0	10°	10.5	10.5	11.0	11.0	11.5	12.5	13.1	13.6	14.6	16.2
0.0	12.5°	6.8	7.3	7.3	7.8	8.4	9.4	9.9	10.5	11.5	12.5
0.0	15°	3.1	3.7	3.7	4.2	4.7	5.7	6.3	6.8	7.8	9.4
0.0	17.5°	0.5	0.5	1.0	1.0	1.6	2.1	2.6	3.1	4.7	5.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.1
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
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):

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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°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
0.0	2.5°	28.7	29.8	30.8	31.9	32.9	34.0	34.5	35.5	36.1	36.6
0.0	5°	24.6	25.6	27.2	28.2	29.3	30.3	31.4	31.9	32.4	32.9
0.0	7.5°	21.4	22.5	24.0	25.1	26.1	27.2	28.2	29.3	29.8	30.3
0.0	10°	18.3	19.9	20.9	22.5	23.5	24.6	25.6	26.7	27.7	28.2
0.0	12.5°	14.6	16.2	17.8	18.8	20.4	22.0	23.0	24.0	25.1	26.1
0.0	15°	11.5	13.1	14.6	15.7	17.2	18.8	20.4	21.4	22.5	23.5
0.0	17.5°	8.4	9.9	11.5	12.5	14.1	15.7	16.7	18.3	19.3	20.4
0.0	20°	4.2	5.7	7.3	8.9	10.5	12.0	13.1	14.6	15.7	16.7
0.0	22.5°	0.5	2.1	3.7	4.7	6.3	7.8	8.9	10.5	11.5	12.5
0.0	25°	0.0	0.5	1.6	2.1	2.6	3.7	4.7	5.7	6.8	7.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.5	1.0	2.1	3.1	4.2
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
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	0.5
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	1.0
	85°	0.0	0.0	0.0	0.0	0.0	1.0	1.6	2.6	3.1	3.7
	87.5°	0.0	0.5	1.0	1.6	2.1	3.1	4.2	5.2	5.7	6.3
	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: P1049325

CATALOG NUMBER: GALN-SA3A-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
30.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	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											
0.5											
2.1											
4.7											
6.8											
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REPORT NUMBER: P1049325

CATALOG NUMBER: GALN-SA3A-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°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
0.0	2.5°	37.1	37.1	37.1	37.1	36.6	36.6	36.6	36.1	36.1	35.5
0.0	5°	34.0	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.0	34.0
0.0	7.5°	31.4	31.9	32.4	32.4	32.9	32.9	32.9	32.4	32.4	31.9
0.0	10°	29.8	30.3	30.3	30.8	30.8	30.8	30.8	30.8	30.8	30.8
0.0	12.5°	27.7	28.2	28.7	28.7	29.3	29.3	29.3	29.3	28.7	28.7
0.0	15°	25.1	26.1	26.7	27.2	27.2	27.7	27.7	27.7	27.7	27.7
0.0	17.5°	23.0	24.0	24.6	25.1	25.1	25.6	25.6	26.1	26.1	26.1
0.0	20°	18.8	19.9	20.4	21.4	22.0	22.5	23.0	23.5	23.5	24.0
0.0	22.5°	14.6	15.7	16.2	17.2	17.8	18.3	18.8	19.3	19.9	20.4
0.0	25°	10.5	11.5	12.0	13.1	13.6	14.1	14.6	15.2	15.2	15.7
0.0	27.5°	5.7	6.8	7.8	8.4	9.4	9.9	10.5	11.0	11.5	12.0
0.0	30°	2.6	3.1	3.7	4.7	5.2	5.7	6.3	7.3	7.8	8.4
0.0	32.5°	0.0	0.0	0.5	1.6	2.1	2.6	3.1	3.7	3.7	4.2
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.6	2.1
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°	1.0	1.0	1.0	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	82.5°	2.6	3.1	3.7	3.7	4.2	4.2	4.2	4.2	3.7	3.7
	85°	5.2	5.7	6.3	6.3	6.8	6.8	6.8	6.8	6.8	6.8
	87.5°	7.3	7.8	8.4	8.4	8.9	8.9	8.9	8.9	8.9	8.9
	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: P1049325

CATALOG NUMBER: GALN-SA3A-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
30.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	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											
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1.6											
3.7											
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REPORT NUMBER: P1049325

CATALOG NUMBER: GALN-SA3A-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°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
0.0	2.5°	35.0	35.0	34.5	34.5	34.5	34.5	34.5	35.0	35.5	35.5
0.0	5°	33.5	33.5	32.9	32.9	32.9	33.5	33.5	34.0	34.5	35.0
0.0	7.5°	31.9	31.4	31.4	31.9	31.9	32.4	32.4	32.9	33.5	34.0
0.0	10°	30.8	30.3	30.3	30.3	30.8	30.8	31.4	31.9	32.4	32.9
0.0	12.5°	28.7	28.7	28.7	28.7	29.3	29.3	29.8	30.3	31.4	31.9
0.0	15°	27.7	27.2	27.2	27.2	27.2	27.7	27.7	28.7	29.8	30.3
0.0	17.5°	25.6	25.6	25.1	25.1	25.6	25.6	26.1	27.2	28.2	28.7
0.0	20°	23.5	23.0	22.5	22.5	23.0	23.0	23.5	24.6	25.6	26.1
0.0	22.5°	20.4	19.9	19.9	19.9	19.9	20.4	20.4	21.4	23.0	24.0
0.0	25°	16.2	16.7	16.7	17.2	17.2	17.8	18.3	19.3	20.9	22.0
0.0	27.5°	12.5	13.1	13.1	14.1	14.6	15.2	15.7	17.2	18.8	19.9
0.0	30°	9.4	9.9	10.5	11.0	12.0	13.1	14.1	15.7	17.2	18.3
0.0	32.5°	5.7	6.8	7.3	8.4	9.4	10.5	11.5	13.1	15.2	16.7
0.0	35°	4.2	4.7	5.7	6.3	7.3	8.4	9.4	11.5	13.1	15.2
0.0	37.5°	2.1	3.1	4.2	5.2	6.3	7.3	8.4	10.5	12.5	14.1
0.0	40°	1.6	2.6	3.1	4.2	5.7	6.8	7.8	9.9	12.0	14.1
0.0	42.5°	1.0	1.6	2.1	3.7	4.7	6.3	7.8	9.9	12.0	14.1
0.0	45°	1.0	1.0	1.6	3.1	4.7	6.8	8.4	10.5	12.0	14.1
0.0	47.5°	1.0	1.6	2.1	4.2	5.2	6.8	8.4	9.9	12.0	13.6
0.0	50°	1.6	2.1	2.6	4.7	5.7	7.3	8.4	10.5	12.0	14.1
0.0	52.5°	1.0	1.6	2.1	4.2	5.7	7.8	9.4	11.5	13.6	15.2
0.0	55°	0.5	0.5	0.5	3.1	6.3	8.9	12.0	13.6	15.7	17.2
0.0	57.5°	0.0	0.0	0.0	2.1	6.3	9.9	13.6	15.7	17.8	19.3
0.0	60°	0.0	0.0	0.0	2.1	6.3	9.9	13.6	16.2	18.8	21.4
0.0	62.5°	0.0	0.0	0.0	2.1	5.2	8.4	11.5	15.7	20.4	24.6
0.0	65°	0.0	0.0	0.0	1.6	4.2	6.8	9.4	15.7	22.0	27.7
0.0	67.5°	0.0	0.0	0.0	1.6	4.2	6.3	8.9	15.7	22.0	28.7
	70°	0.0	0.0	0.0	1.6	4.2	6.8	9.4	15.7	22.0	28.2
	72.5°	0.0	0.0	0.0	1.6	4.7	7.3	10.5	15.7	20.9	26.1
	75°	0.0	0.0	0.0	2.1	4.7	7.8	11.0	15.7	20.4	24.6
	77.5°	0.0	0.0	0.0	1.6	4.7	7.3	10.5	15.2	19.9	24.0
	80°	1.6	1.0	1.0	2.6	4.7	6.8	8.9	13.6	18.8	23.5
	82.5°	3.1	3.1	2.6	3.7	4.7	6.3	7.8	12.0	16.7	20.9
	85°	6.3	6.3	5.7	6.3	6.3	6.8	7.3	9.4	11.5	13.6
	87.5°	8.4	8.4	7.8	7.8	7.8	7.3	7.3	7.3	7.3	6.8
	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: P1049325

CATALOG NUMBER: GALN-SA3A-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
30.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.5											
31.4											
29.3											
28.7											
28.2											
25.1											
15.7											
6.8											
0.0											
0.0											
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REPORT NUMBER: P1049325

CATALOG NUMBER: GALN-SA3A-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°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
0.0	2.5°	36.6	37.1	37.1	37.6	38.2	38.7	38.7	39.2	39.2	39.2
0.0	5°	36.1	37.1	37.6	38.2	38.7	39.2	39.7	40.2	40.8	40.8
0.0	7.5°	35.5	36.1	37.1	37.6	38.7	39.2	40.2	40.8	41.3	41.8
0.0	10°	34.5	35.5	36.6	37.6	38.7	39.7	40.8	41.8	42.9	43.4
0.0	12.5°	33.5	35.0	36.1	37.1	38.7	40.2	41.3	42.9	43.9	45.0
0.0	15°	32.9	34.0	35.5	36.6	38.7	40.8	42.3	44.4	46.5	48.1
0.0	17.5°	31.4	33.5	35.0	36.6	38.7	41.3	43.4	45.5	48.6	51.7
0.0	20°	29.3	30.8	32.9	34.5	37.6	40.2	43.4	46.0	50.7	55.4
0.0	22.5°	27.2	29.3	30.8	32.9	36.6	39.7	43.4	46.5	54.4	61.7
0.0	25°	25.1	27.7	29.8	31.9	36.1	40.2	44.4	48.6	61.7	74.7
0.0	27.5°	24.0	26.1	28.7	30.8	36.1	41.8	47.0	52.3	73.2	93.6
0.0	30°	22.5	25.1	27.2	29.8	36.6	43.4	50.2	57.0	88.9	120.7
0.0	32.5°	20.9	23.5	26.1	28.7	37.6	46.5	54.9	63.8	105.6	146.9
0.0	35°	19.3	22.5	25.1	27.7	39.2	51.2	62.7	74.2	120.7	166.7
0.0	37.5°	18.8	22.0	24.6	27.2	39.7	51.7	64.3	76.3	122.3	168.3
0.0	40°	19.3	22.0	25.1	27.7	38.2	48.6	58.5	69.0	117.1	164.6
0.0	42.5°	19.3	22.5	25.6	28.7	37.1	45.5	53.8	62.2	115.5	168.8
0.0	45°	18.8	22.0	25.1	28.2	36.1	43.4	51.2	58.5	124.9	190.8
0.0	47.5°	18.3	21.4	24.6	27.7	35.5	43.4	51.2	59.1	161.5	263.4
0.0	50°	18.3	21.4	24.0	26.7	36.1	46.0	55.4	64.8	235.2	405.1
0.0	52.5°	19.3	22.0	24.0	26.1	37.1	48.6	59.6	70.6	299.0	526.9
0.0	55°	20.9	22.5	24.6	26.1	39.7	52.8	66.4	79.5	318.3	557.2
0.0	57.5°	23.0	24.6	26.1	27.7	44.4	61.2	77.4	94.1	319.9	545.2
0.0	60°	25.6	27.7	29.3	30.8	48.6	66.9	84.7	102.4	289.6	476.2
0.0	62.5°	31.4	34.0	36.1	38.7	55.9	72.7	89.9	106.6	240.4	374.3
0.0	65°	36.1	38.2	40.2	42.3	59.1	76.3	93.0	109.8	203.9	297.9
0.0	67.5°	37.1	39.2	40.8	42.9	60.1	77.4	94.1	111.3	174.6	237.3
	70°	37.6	40.2	43.4	46.0	63.8	81.5	98.8	116.6	154.7	192.9
	72.5°	36.1	41.3	46.0	50.7	67.4	83.6	100.4	116.6	143.7	170.9
	75°	36.1	43.4	50.2	57.0	69.5	81.5	94.1	106.1	127.0	147.9
	77.5°	38.2	47.6	57.0	66.4	73.7	80.5	87.8	94.6	108.2	121.8
	80°	38.2	48.1	57.5	67.4	70.6	74.2	77.4	80.5	82.1	83.6
	82.5°	32.9	40.8	48.6	56.5	52.8	49.1	45.5	41.8	39.2	36.1
	85°	16.7	18.3	19.3	20.4	18.8	17.2	15.7	14.1	13.1	11.5
	87.5°	6.8	6.8	6.3	6.3	6.3	6.3	5.7	5.7	5.7	5.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049325

CATALOG NUMBER: GALN-SA3A-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
30.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
209.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
261.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
297.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
324.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
403.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
507.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
773.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1185.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1491.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1525.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1376.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1177.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
919.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
695.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
363.3											
270.2											
196.5											
147.9											
83.1											
37.6											
11.0											
5.2											
0.0											
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REPORT NUMBER: P1049325

CATALOG NUMBER: GALN-SA3A-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°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
0.0	2.5°	39.2	38.7	38.7	38.2	37.6	37.1	36.6	36.1	35.5	35.0
0.0	5°	40.8	40.8	40.8	40.2	40.2	39.7	39.7	39.2	38.7	38.2
0.0	7.5°	42.3	42.9	42.9	43.4	43.4	43.4	43.4	42.9	42.9	42.9
0.0	10°	45.0	45.5	46.0	46.5	47.0	47.6	47.6	48.1	48.1	48.1
0.0	12.5°	48.1	49.7	50.7	52.3	53.3	54.9	55.9	57.5	58.5	59.6
0.0	15°	52.8	55.4	58.5	61.2	63.8	67.4	71.6	75.3	78.9	84.7
0.0	17.5°	59.6	68.0	76.3	84.2	92.5	110.8	129.1	146.9	165.2	191.8
0.0	20°	72.7	97.7	122.3	147.4	172.0	236.3	300.0	364.3	428.1	496.6
0.0	22.5°	101.9	163.6	225.3	287.0	348.6	483.0	616.8	751.1	884.9	1042.3
0.0	25°	147.9	261.3	374.8	487.7	601.1	811.2	1021.9	1232.0	1442.1	1646.5
0.0	27.5°	215.4	388.9	562.4	735.4	909.0	1193.8	1479.2	1764.1	2049.0	2280.0
0.0	30°	298.5	533.7	768.9	1004.1	1239.3	1563.4	1887.5	2211.0	2535.1	2787.5
0.0	32.5°	376.9	664.9	952.9	1240.4	1528.4	1897.4	2266.9	2636.0	3005.0	3281.0
0.0	35°	428.1	776.2	1124.8	1473.0	1821.1	2220.4	2619.8	3018.6	3417.9	3733.1
0.0	37.5°	479.3	881.3	1282.7	1684.7	2086.1	2524.6	2963.2	3401.7	3840.3	4229.7
0.0	40°	536.8	1008.3	1479.2	1950.7	2421.7	2941.2	3460.3	3979.8	4498.9	5048.2
0.0	42.5°	636.6	1218.9	1801.7	2384.0	2966.3	3653.7	4341.0	5027.8	5715.2	6499.2
0.0	45°	824.3	1644.9	2466.1	3286.7	4107.4	5017.9	5929.0	6839.5	7750.0	8793.3
0.0	47.5°	1283.7	2412.8	3541.3	4670.3	5798.8	6782.0	7764.7	8747.9	9730.5	10769.7
0.0	50°	1964.3	3278.4	4592.4	5906.0	7220.0	8109.7	8998.8	9888.4	10777.5	11765.9
0.0	52.5°	2456.7	3825.6	5195.1	6564.0	7933.0	8735.8	9539.2	10342.1	11145.0	12068.6
0.0	55°	2493.8	3854.9	5216.5	6577.6	7938.7	8745.3	9551.8	10358.3	11164.8	12143.8
0.0	57.5°	2207.9	3558.0	4907.6	6257.7	7607.3	8525.7	9443.6	10362.0	11279.8	12338.3
0.0	60°	1878.1	3228.7	4578.8	5929.5	7279.6	8337.6	9396.0	10454.0	11511.9	12503.5
0.0	62.5°	1465.1	2854.5	4244.3	5633.6	7023.0	8097.1	9171.3	10244.9	11319.0	12062.8
0.0	65°	1091.9	2441.0	3790.1	5138.6	6487.7	7348.1	8208.4	9068.3	9928.6	10389.1
0.0	67.5°	789.3	1952.8	3115.8	4279.3	5442.3	6058.1	6673.8	7289.0	7904.8	8257.1
	70°	533.7	1339.7	2145.2	2951.2	3756.6	4262.6	4769.1	5275.1	5781.0	6256.7
	72.5°	369.5	822.2	1275.4	1728.0	2180.7	2689.8	3198.4	3707.5	4216.1	4719.4
	75°	245.1	451.1	657.6	863.5	1069.4	1446.3	1823.7	2200.6	2577.4	2877.5
	77.5°	174.1	235.7	297.9	359.6	421.3	491.9	562.9	633.5	704.1	811.2
	80°	82.6	90.4	98.3	105.6	113.4	139.0	164.6	190.3	215.9	243.1
	82.5°	39.2	42.3	45.5	48.1	51.2	53.8	56.5	59.1	61.7	59.1
	85°	10.5	10.5	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.5
	87.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.2	4.2	3.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA3A-930-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
30.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
218.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
565.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1199.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1850.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2511.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3040.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3557.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4048.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4619.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5597.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7283.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9836.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11808.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12754.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12992.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13123.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13396.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13494.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12807.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10850.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8609.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6731.8											
5222.8											
3177.5											
918.4											
270.2											
55.9											
9.9											
3.7											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049325

CATALOG NUMBER: GALN-SA3A-930-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
0.0	2.5°	34.0	33.5	32.9	32.4	31.9	30.8	30.8	30.3	30.3
0.0	5°	37.1	36.6	36.1	35.5	35.5	35.0	34.5	34.5	34.0
0.0	7.5°	42.3	41.8	41.3	40.8	40.8	40.2	40.2	39.7	39.7
0.0	10°	48.6	48.6	48.6	48.6	48.6	48.1	48.1	48.1	47.6
0.0	12.5°	61.2	61.7	62.7	63.8	65.3	65.3	65.3	64.8	64.8
0.0	15°	96.7	102.4	106.6	110.8	114.5	122.8	121.8	120.2	119.2
0.0	17.5°	244.6	270.8	284.9	298.5	312.6	351.3	345.0	338.7	333.0
0.0	20°	634.0	702.5	748.0	793.5	839.5	912.1	894.3	876.6	858.8
0.0	22.5°	1356.4	1513.7	1582.2	1650.7	1718.6	1806.4	1749.5	1692.5	1636.0
0.0	25°	2054.7	2259.1	2374.6	2490.1	2605.1	2655.3	2581.1	2506.3	2432.1
0.0	27.5°	2742.1	2973.1	3075.0	3176.4	3278.4	3383.4	3291.4	3198.9	3106.9
0.0	30°	3293.0	3545.5	3655.7	3765.5	3875.8	3949.0	3853.9	3758.2	3663.1
0.0	32.5°	3833.5	4109.5	4230.2	4350.9	4471.2	4576.2	4459.1	4341.5	4224.4
0.0	35°	4363.0	4678.1	4844.4	5010.6	5176.8	5274.5	5135.5	4995.9	4856.9
0.0	37.5°	5009.0	5398.4	5584.5	5770.6	5956.7	6134.9	5981.8	5828.1	5674.9
0.0	40°	6146.9	6696.3	6981.7	7267.6	7553.0	7783.0	7589.6	7396.2	7202.8
0.0	42.5°	8067.3	8851.4	9261.7	9671.5	10081.8	10440.9	10237.6	10034.2	9830.9
0.0	45°	10880.0	11923.3	12423.5	12923.2	13423.4	13685.8	13393.1	13099.9	12807.1
0.0	47.5°	12847.4	13886.5	14331.9	14777.2	15222.5	15522.0	15164.0	14805.9	14448.4
0.0	50°	13742.2	14730.7	15177.6	15624.0	16070.9	16308.7	15895.2	15481.3	15067.8
0.0	52.5°	13915.3	14838.9	15372.0	15905.7	16438.8	16756.6	16268.4	15779.7	15291.5
0.0	55°	14102.4	15081.4	15699.8	16318.6	16937.0	17377.1	16825.1	16272.6	15720.7
0.0	57.5°	14454.7	15513.1	16129.9	16746.2	17363.0	17736.7	17183.2	16629.1	16075.6
0.0	60°	14486.0	15477.1	16007.1	16537.6	17067.7	17302.9	16773.4	16243.4	15713.9
0.0	62.5°	13550.9	14294.7	14662.7	15030.7	15398.7	15654.3	15101.8	14548.8	13996.3
0.0	65°	11310.7	11771.2	12064.4	12357.6	12650.9	12955.6	12449.6	11943.6	11437.7
0.0	67.5°	8962.2	9314.5	9700.7	10087.0	10473.3	10798.9	10393.8	9988.2	9583.1
	70°	7207.5	7682.6	8117.0	8551.3	8985.7	9252.3	8845.6	8438.4	8031.8
	72.5°	5726.2	6229.5	6592.3	6954.5	7317.2	7382.6	7083.6	6784.6	6486.2
	75°	3477.0	3777.0	3784.3	3791.1	3798.4	3860.6	3612.9	3365.1	3117.9
	77.5°	1025.5	1132.7	1221.0	1308.8	1397.2	1503.8	1412.9	1321.4	1230.4
	80°	296.9	324.1	347.1	369.5	392.5	379.0	357.5	336.1	314.7
	82.5°	53.3	50.2	49.7	49.1	49.1	46.5	42.3	38.2	34.0
	85°	9.4	8.9	8.4	7.8	7.3	6.8	5.7	5.2	4.2
	87.5°	3.1	2.6	2.1	1.6	1.6	0.5	0.5	0.5	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: GALN-SA3A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049325

CATALOG NUMBER: GALN-SA3A-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°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
0.0	0.0	2.5°	29.8	29.3	29.3	29.3	29.3	28.7	28.7	28.7	28.7
0.0	0.0	5°	32.9	32.9	32.4	32.4	31.9	31.9	31.4	31.4	30.8
0.0	0.0	7.5°	38.7	38.2	37.6	37.1	36.6	35.5	35.0	34.5	34.5
0.0	0.0	10°	46.5	45.5	45.0	43.9	43.4	42.3	41.3	40.2	39.2
0.0	0.0	12.5°	61.2	59.1	57.5	55.4	53.3	51.7	49.7	48.1	46.0
0.0	0.0	15°	106.1	100.9	95.1	88.3	81.0	74.2	66.9	62.7	58.0
0.0	0.0	17.5°	271.3	244.1	216.4	193.9	171.4	149.5	127.0	110.8	94.6
0.0	0.0	20°	690.5	615.2	539.9	465.7	391.0	316.8	242.0	204.4	166.7
0.0	0.0	22.5°	1299.4	1159.9	1019.8	884.4	748.5	613.1	477.7	392.5	307.9
0.0	0.0	25°	2005.6	1830.0	1654.3	1431.7	1208.5	985.8	763.1	624.6	486.1
0.0	0.0	27.5°	2609.8	2407.5	2205.3	1934.5	1663.7	1393.0	1122.2	915.8	709.8
0.0	0.0	30°	3133.1	2915.6	2698.2	2383.0	2067.8	1752.6	1437.4	1179.2	921.0
0.0	0.0	32.5°	3586.8	3326.4	3066.1	2741.0	2415.9	2090.8	1765.7	1448.9	1132.2
0.0	0.0	35°	4110.0	3806.3	3502.1	3141.4	2780.2	2419.6	2058.9	1701.4	1343.3
0.0	0.0	37.5°	4774.8	4402.2	4029.0	3627.0	3225.0	2823.6	2421.7	2012.9	1604.2
0.0	0.0	40°	6047.6	5566.7	5085.8	4575.2	4064.0	3553.3	3042.6	2540.8	2039.0
0.0	0.0	42.5°	8328.1	7678.4	7028.7	6349.2	5669.2	4989.7	4309.6	3601.9	2893.7
0.0	0.0	45°	10901.9	10095.9	9289.4	8526.8	7763.6	7001.0	6238.4	5267.2	4296.1
0.0	0.0	47.5°	12349.3	11479.0	10608.7	9886.8	9165.0	8443.1	7721.3	6674.3	5627.4
0.0	0.0	50°	12881.9	11995.9	11109.9	10445.6	9780.7	9116.4	8451.5	7403.0	6353.9
0.0	0.0	52.5°	12995.3	12091.6	11187.8	10519.3	9850.8	9182.8	8514.2	7472.5	6430.8
0.0	0.0	55°	13228.4	12258.8	11288.7	10526.6	9764.5	9002.4	8240.3	7181.9	6123.4
0.0	0.0	57.5°	13533.2	12539.0	11544.8	10676.6	9808.4	8940.7	8072.5	6915.3	5758.0
0.0	0.0	60°	13453.2	12588.1	11722.5	10792.7	9862.3	8932.4	8002.0	6729.2	5455.9
0.0	0.0	62.5°	12064.9	11376.0	10686.6	9921.9	9156.6	8391.9	7627.2	6316.8	5006.4
0.0	0.0	65°	9925.5	9422.7	8919.8	8304.6	7688.9	7073.7	6458.5	5283.4	4108.9
0.0	0.0	67.5°	8044.3	7477.7	6910.6	6420.3	5929.5	5439.2	4948.4	4023.7	3099.1
		70°	6391.0	5774.8	5158.0	4679.2	4199.9	3721.1	3242.3	2627.6	2013.4
		72.5°	5075.4	4519.8	3964.1	3453.5	2942.3	2431.6	1920.4	1557.1	1193.8
		75°	2425.8	2203.7	1981.5	1714.4	1447.4	1180.3	913.2	754.8	596.9
		77.5°	899.0	779.3	659.1	550.4	441.7	333.5	224.8	205.9	187.1
		80°	232.6	202.8	172.5	151.1	129.1	107.7	86.2	77.9	70.0
		82.5°	26.7	24.6	23.0	22.0	20.4	19.3	17.8	16.2	14.6
		85°	1.6	1.0	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
		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: P1049325
CATALOG NUMBER: GALN-SA3A-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049325

CATALOG NUMBER: GALN-SA3A-930-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	30.3	30.3
0.0	0.0	2.5°	28.2	27.7
0.0	0.0	5°	29.8	29.3
0.0	0.0	7.5°	32.9	31.9
0.0	0.0	10°	36.1	35.0
0.0	0.0	12.5°	40.8	39.2
0.0	0.0	15°	46.0	42.9
0.0	0.0	17.5°	54.9	48.1
0.0	0.0	20°	74.2	57.0
0.0	0.0	22.5°	104.5	71.1
0.0	0.0	25°	153.7	98.3
0.0	0.0	27.5°	213.8	130.7
0.0	0.0	30°	284.3	163.6
0.0	0.0	32.5°	346.5	195.0
0.0	0.0	35°	427.6	226.9
0.0	0.0	37.5°	527.4	267.6
0.0	0.0	40°	682.1	329.3
0.0	0.0	42.5°	960.7	443.2
0.0	0.0	45°	1560.3	766.3
0.0	0.0	47.5°	2400.8	1267.5
0.0	0.0	50°	2937.0	1617.7
0.0	0.0	52.5°	2980.9	1615.1
0.0	0.0	55°	2721.2	1435.9
0.0	0.0	57.5°	2321.8	1200.1
0.0	0.0	60°	1929.8	949.2
0.0	0.0	62.5°	1520.5	655.5
0.0	0.0	65°	1111.3	463.6
0.0	0.0	67.5°	798.2	346.5
		70°	524.8	265.5
		72.5°	341.8	216.4
		75°	230.0	179.3
		77.5°	134.3	119.2
		80°	47.6	41.8
		82.5°	8.9	6.3
		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: P1049325

CATALOG NUMBER: GALN-SA3A-930-U-RBC

CANDELA DISTRIBUTION (continued):

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-14

Test Date: 10/11/2024

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

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

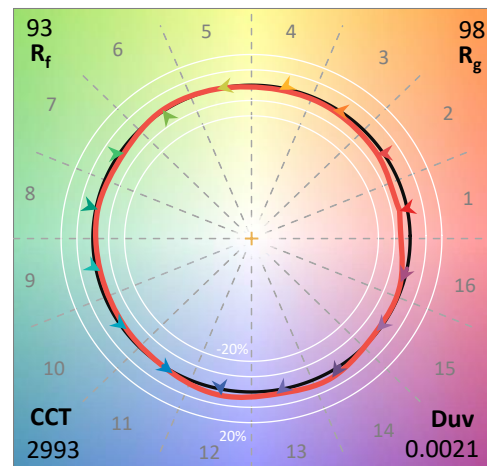
Test Information

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

Spectral Parameters

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

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



Test Conditions

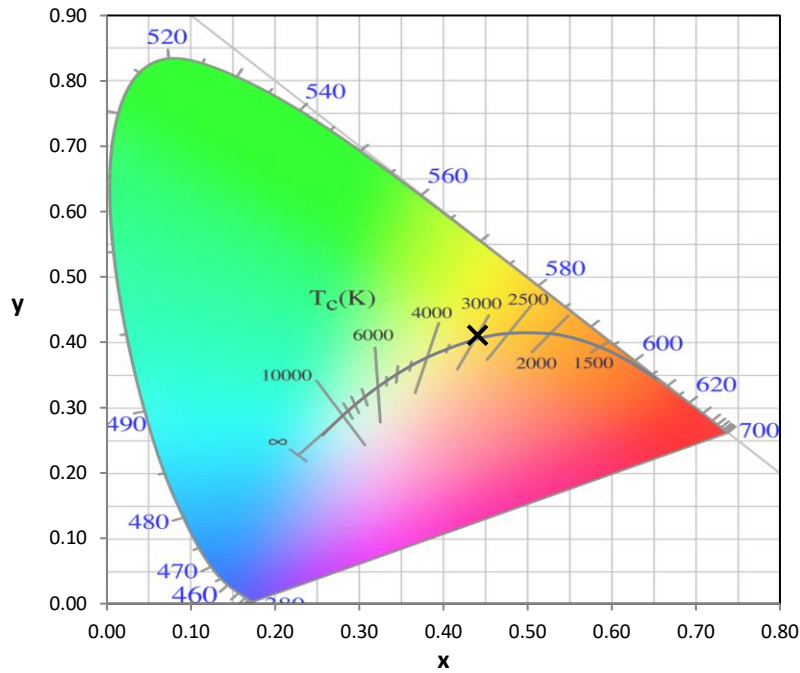
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

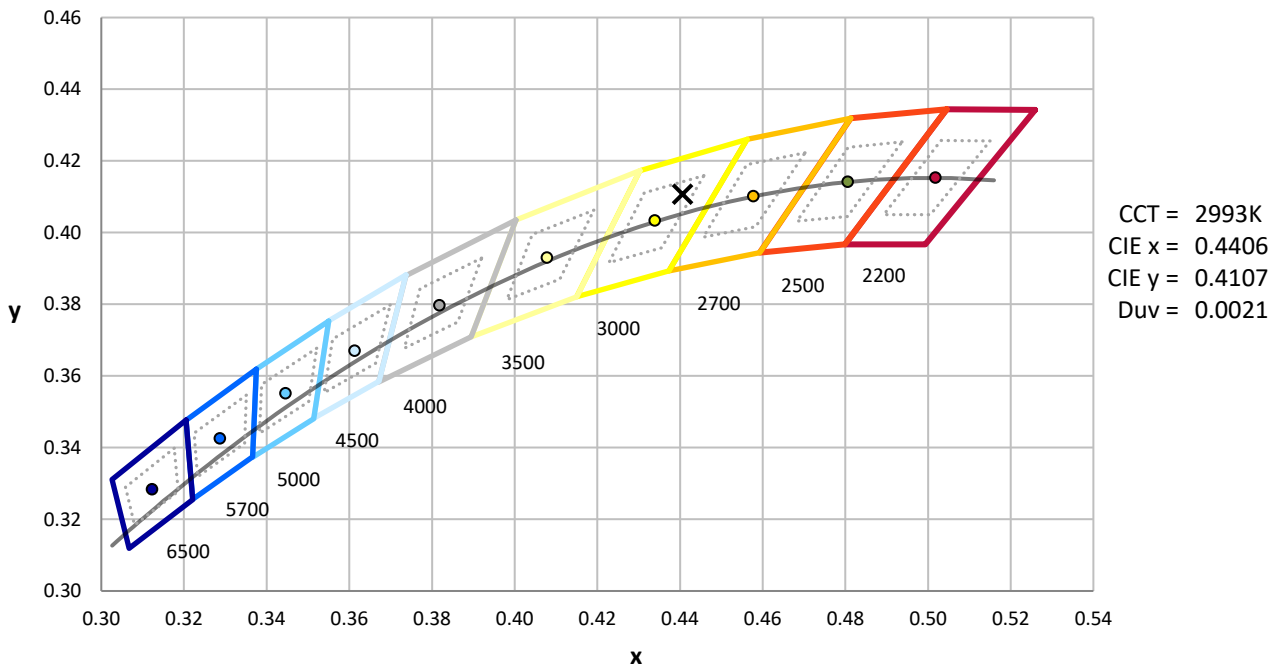
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



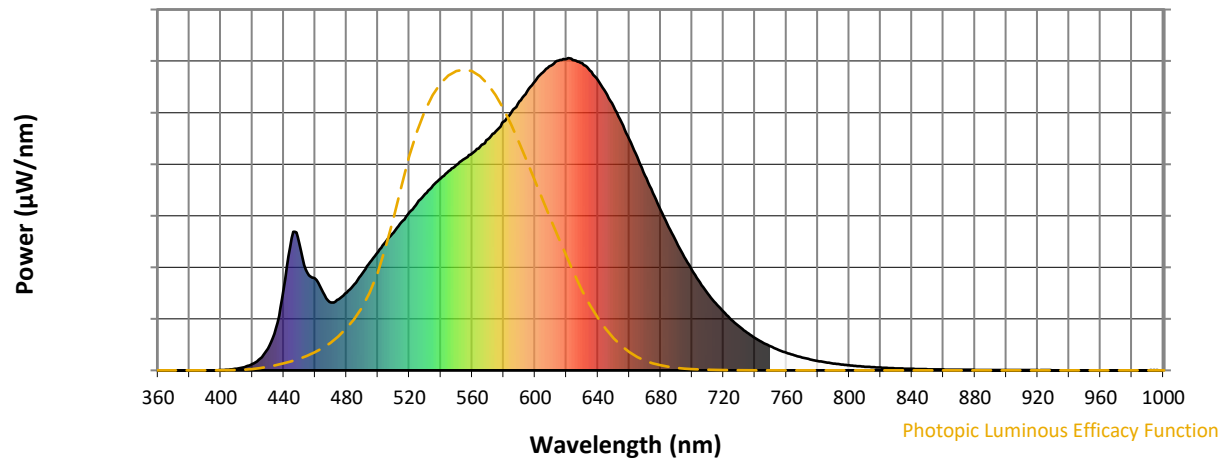
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

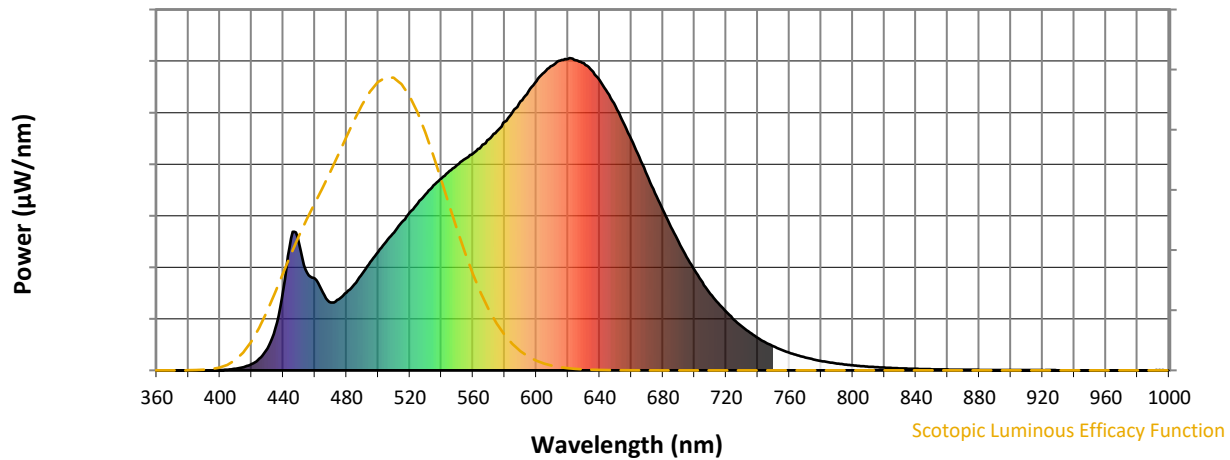


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength



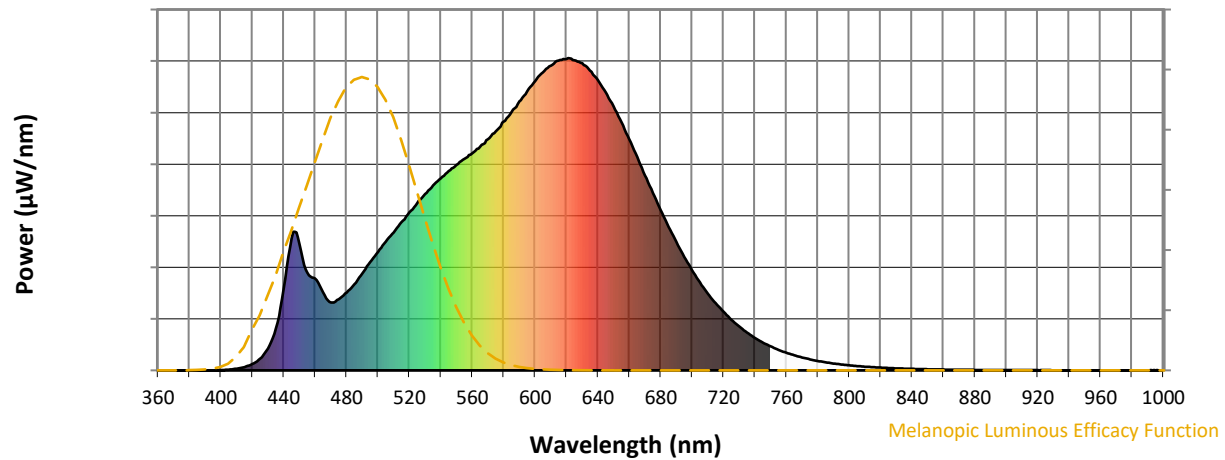
Scotopic Lumens: NR

S/P: 1.39

λ (nm)	Power 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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

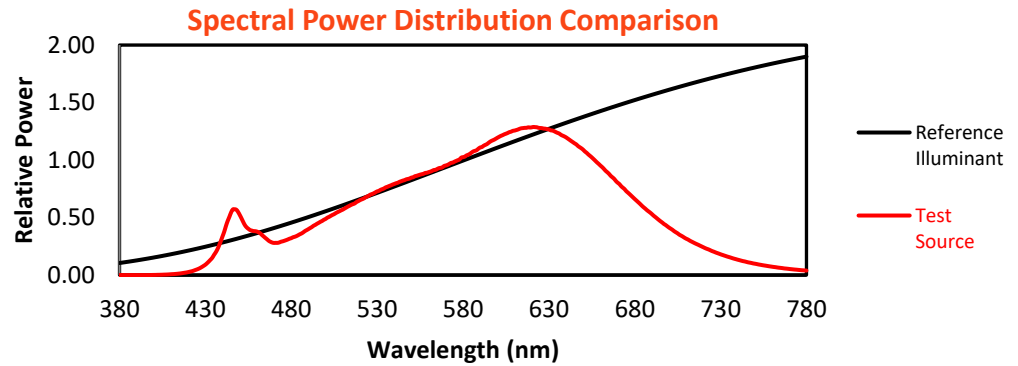
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	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

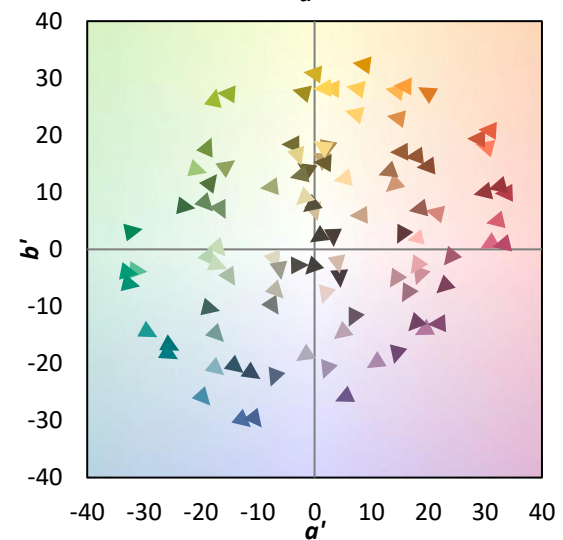
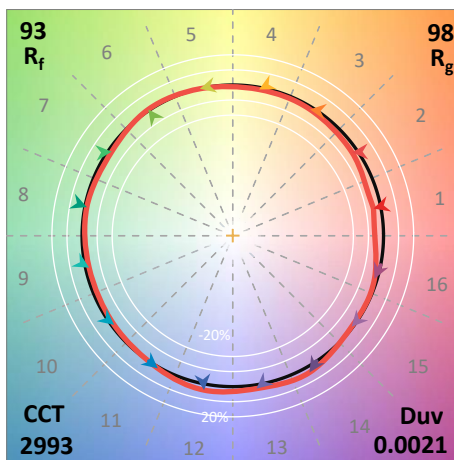
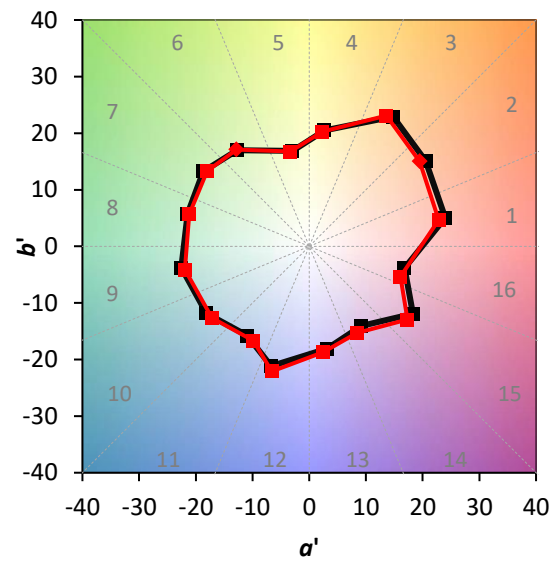
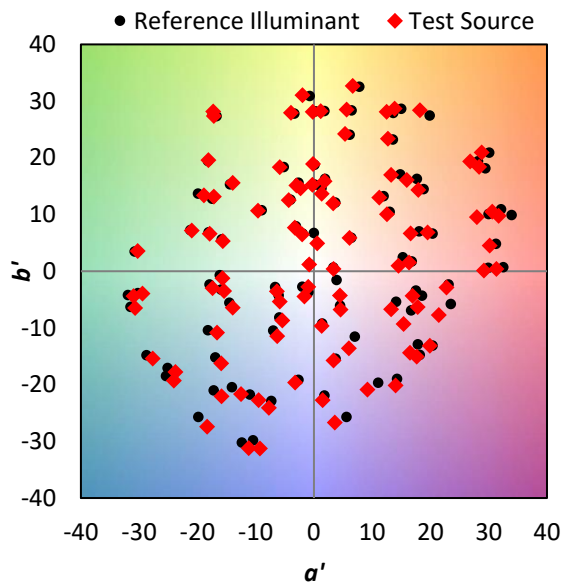
TM-30-18

Summary

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

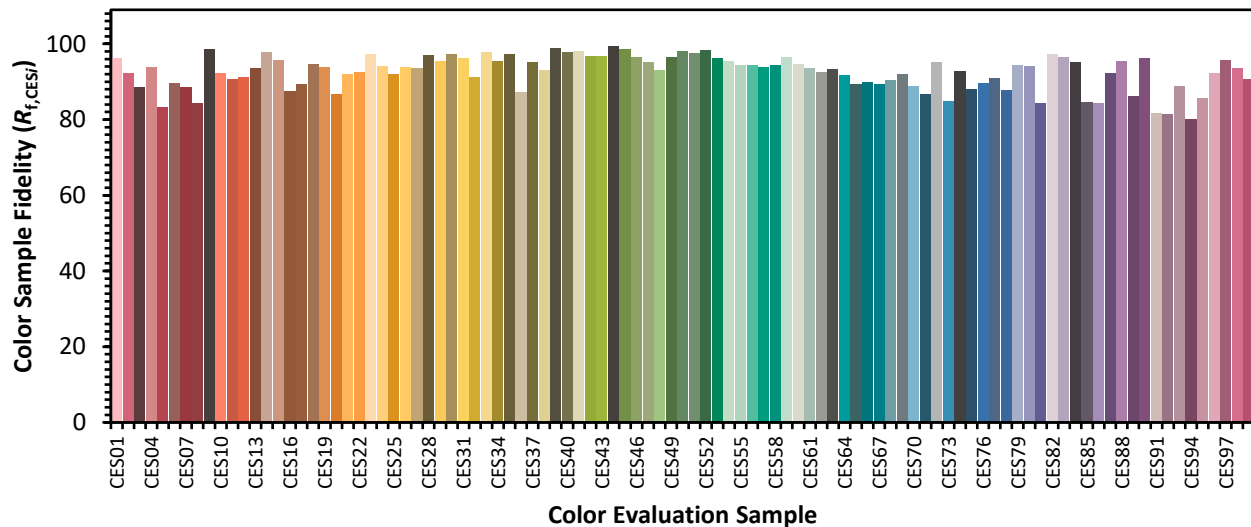


Color Vector Graphics

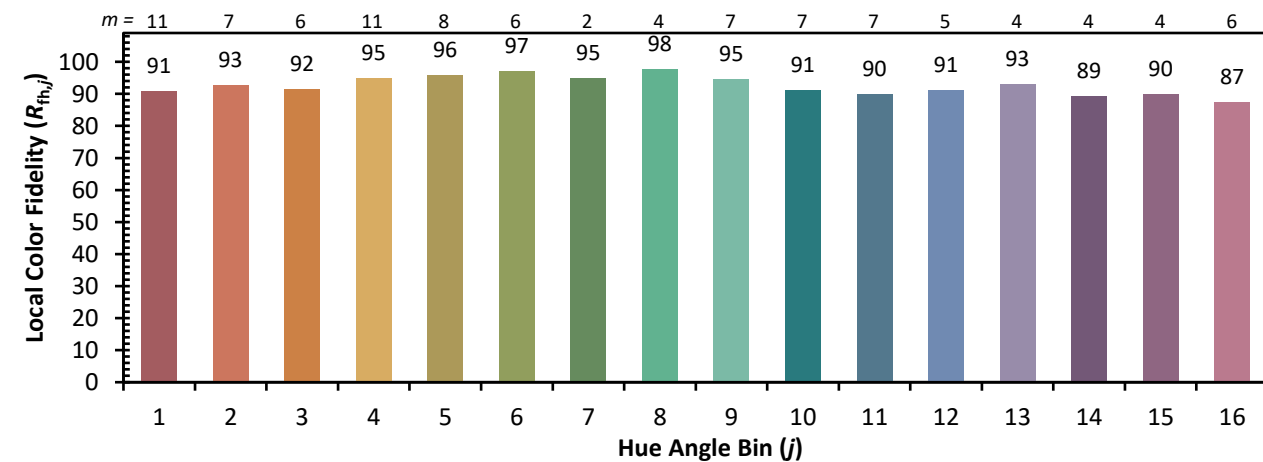
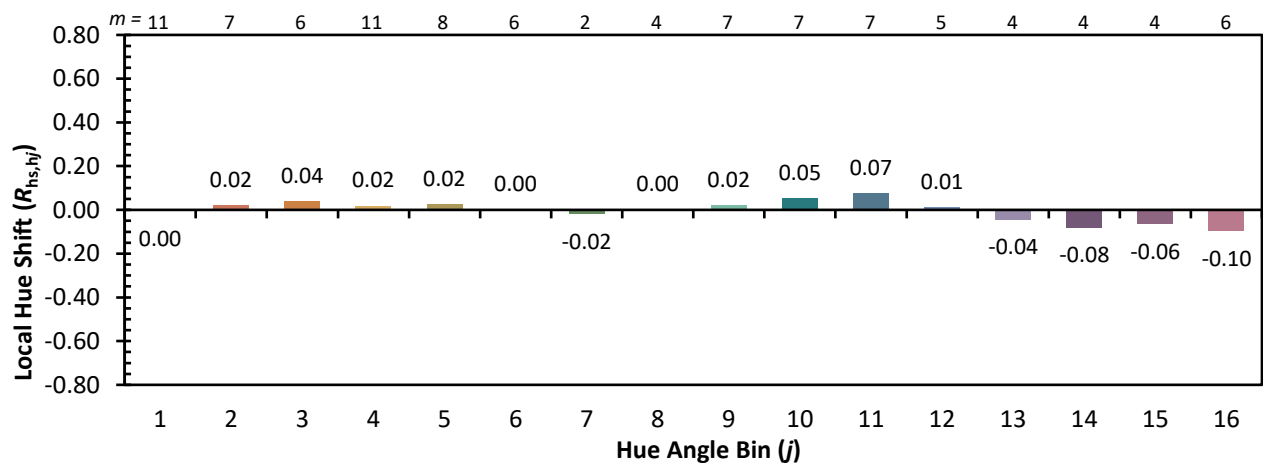
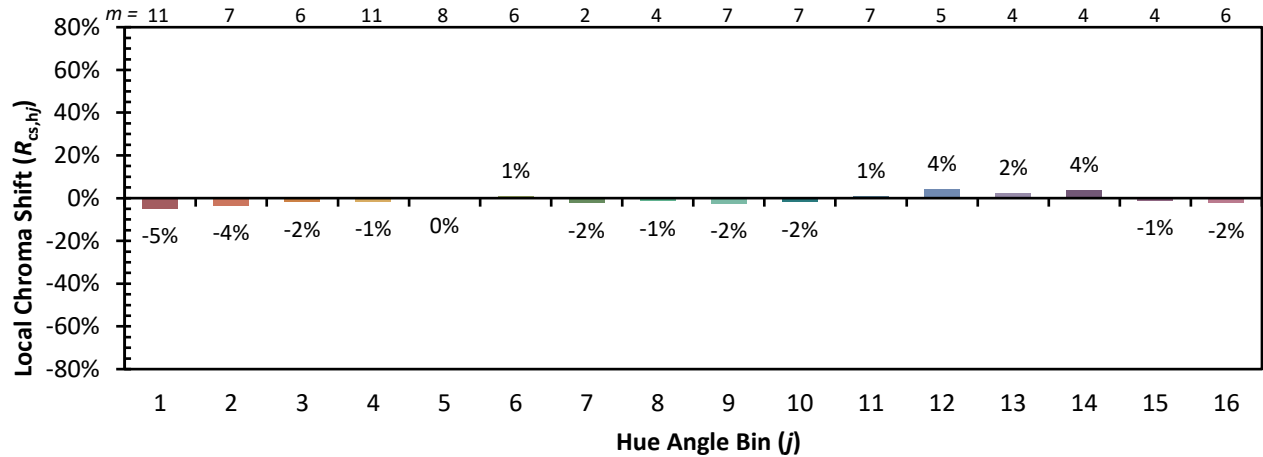


Individual Sample Fidelity Index ($R_{f,i}$)

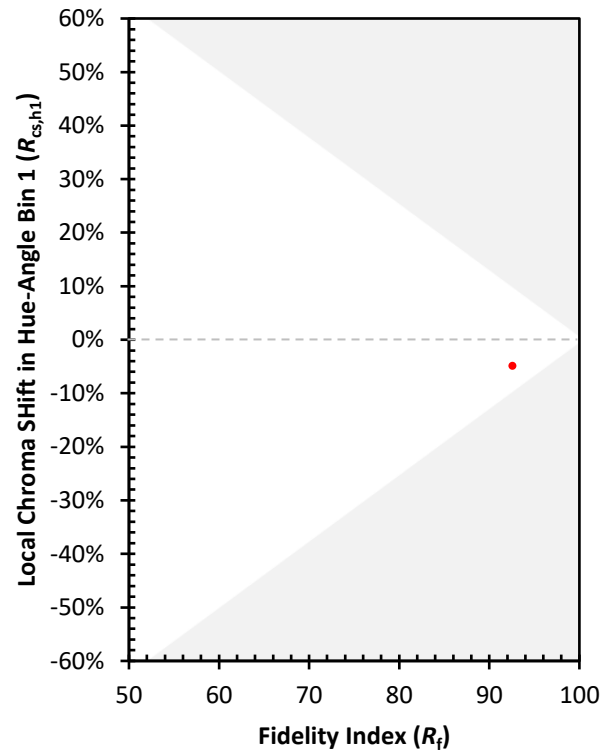
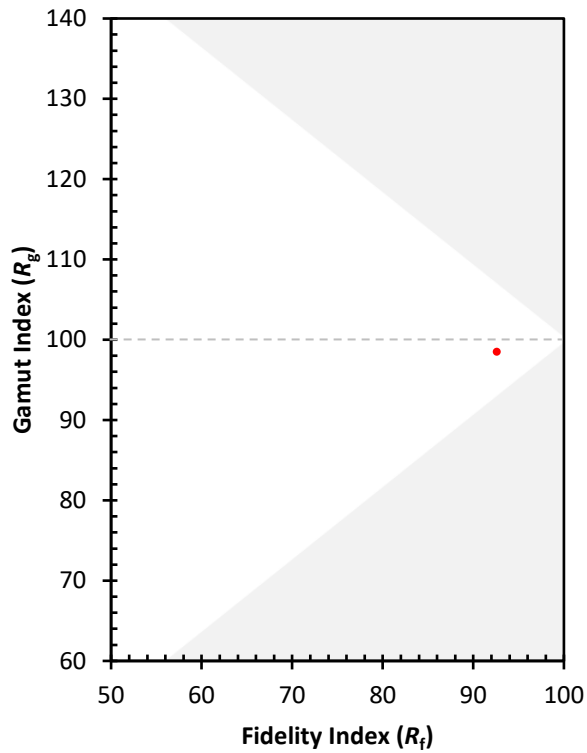
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 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)