

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: McGRAW-EDISON

Report Number: P1049101

Luminaire Tested: **GALN-SA1A-827-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049101
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1A-827-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2861.8 lumens
Efficiency: N/A
Efficacy: 98.7 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

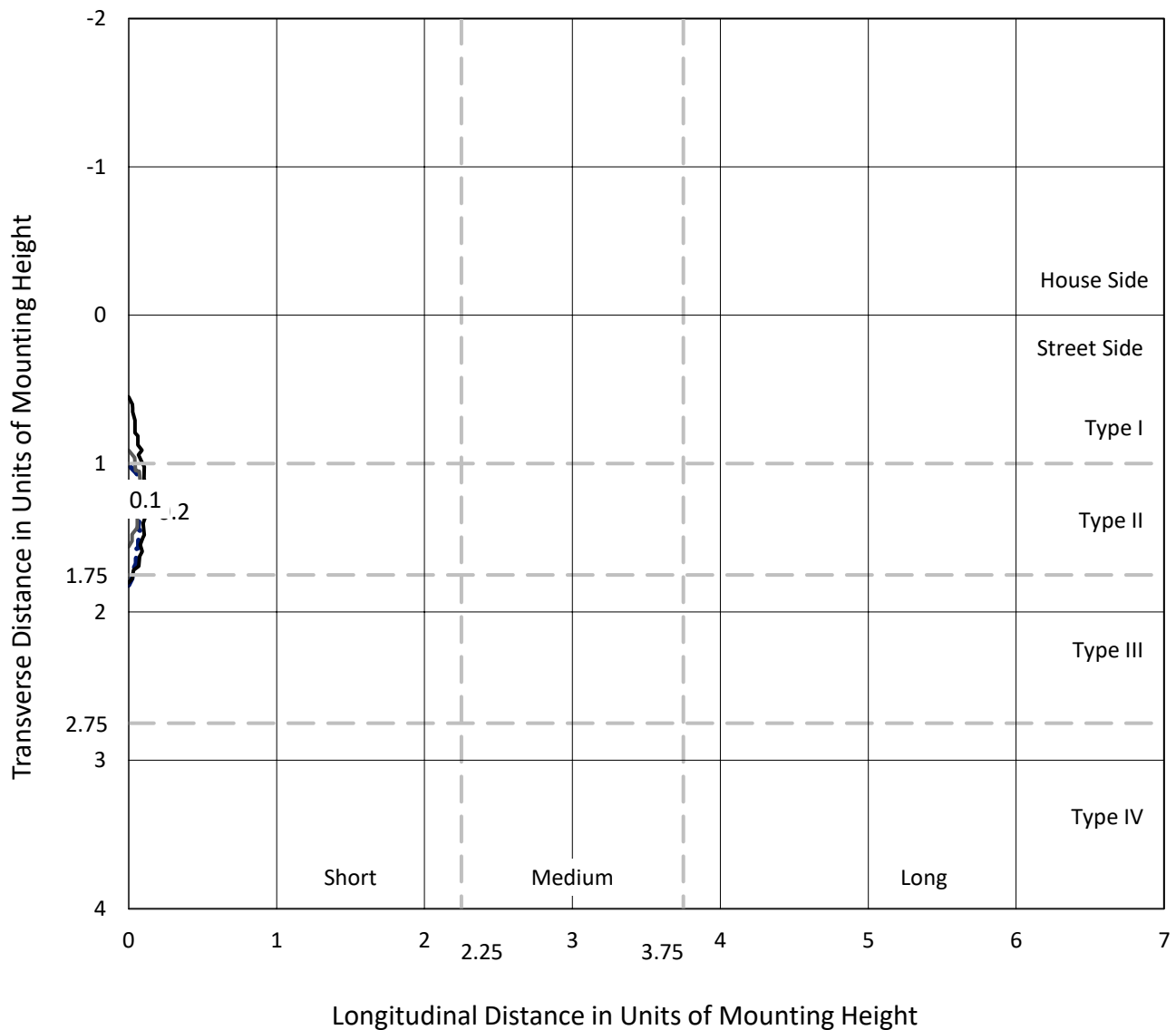
Input Watts (W): 29
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

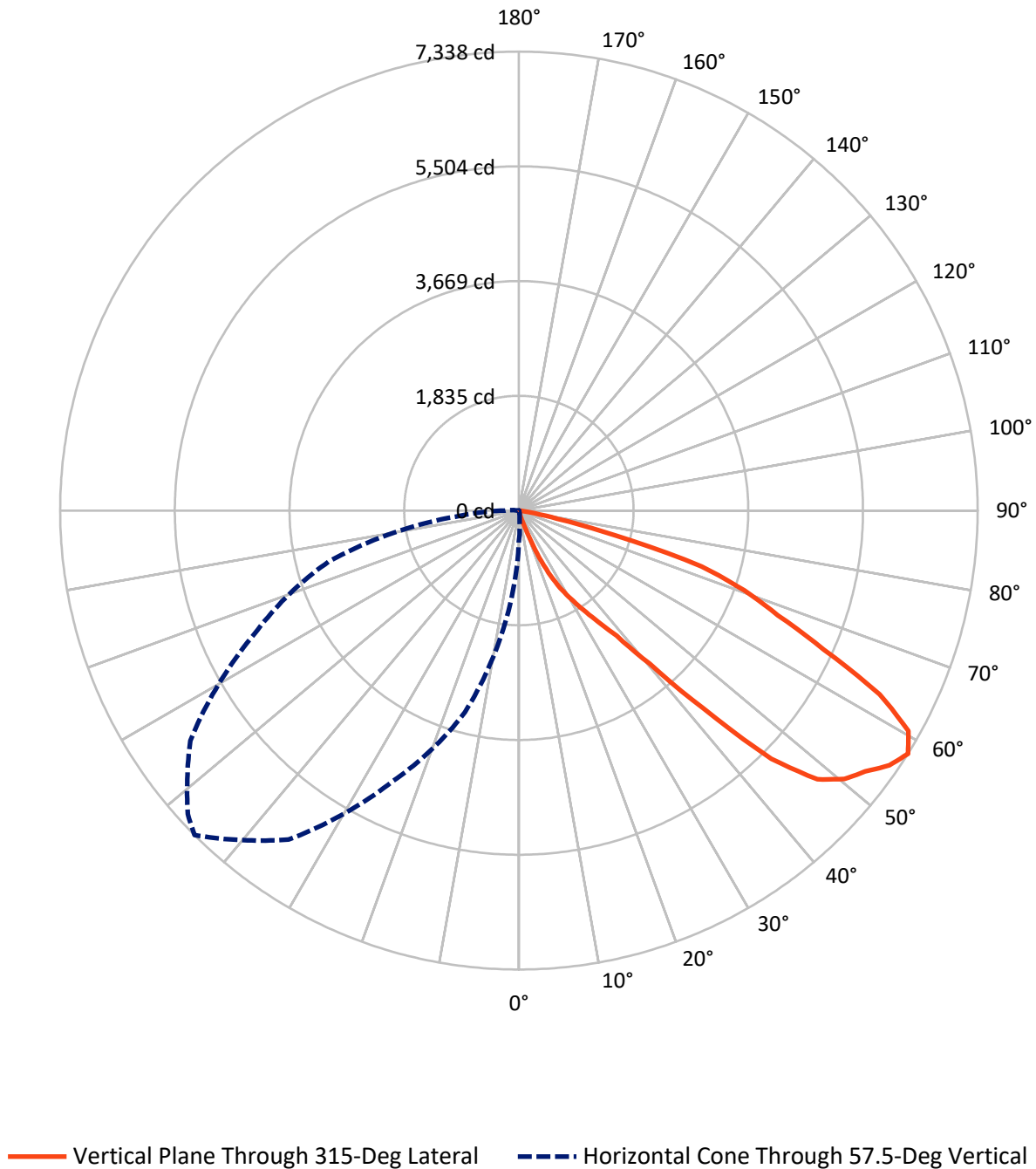
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 0.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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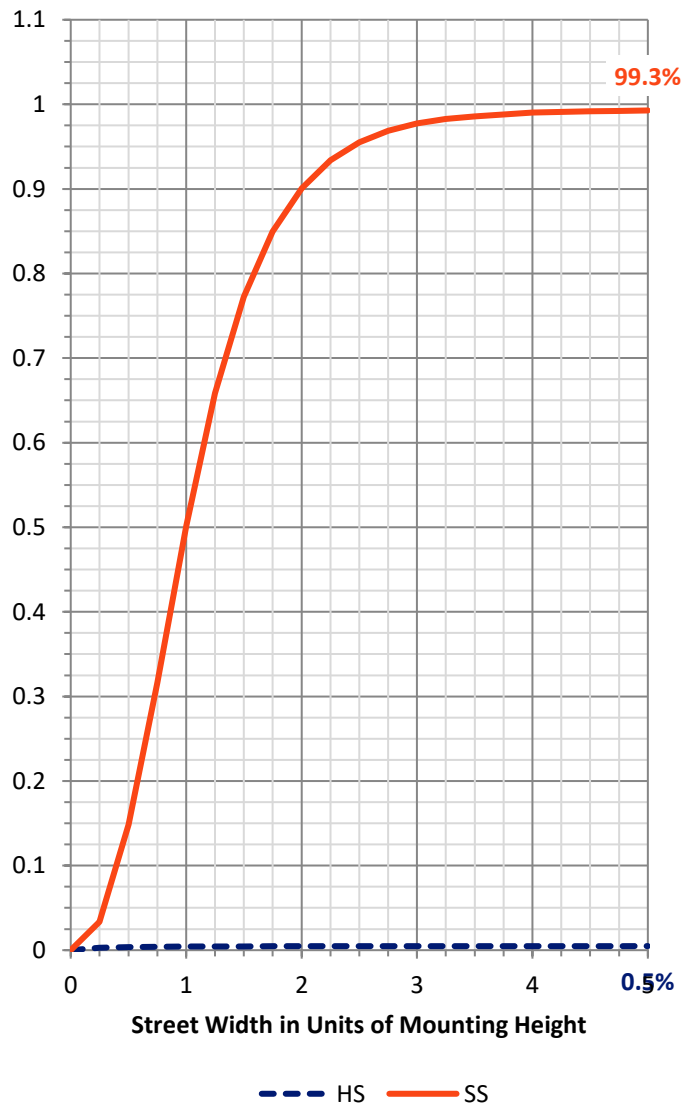
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14.3	0.0	14.3
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	2847.4	0.0	2847.4
	% Fixture	99.5	0.0	99.5
Total	Lumens	2861.8	0.0	2861.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.1	0.0
10°-20°	6.3	0.2
20°-30°	67.8	2.4
30°-40°	200.6	7.0
40°-50°	597.7	20.9
50°-60°	947.7	33.1
60°-70°	791.1	27.6
70°-80°	244.0	8.5
80°-90°	5.4	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°	2861.8	100.0
0°-180°	2861.8	100.0



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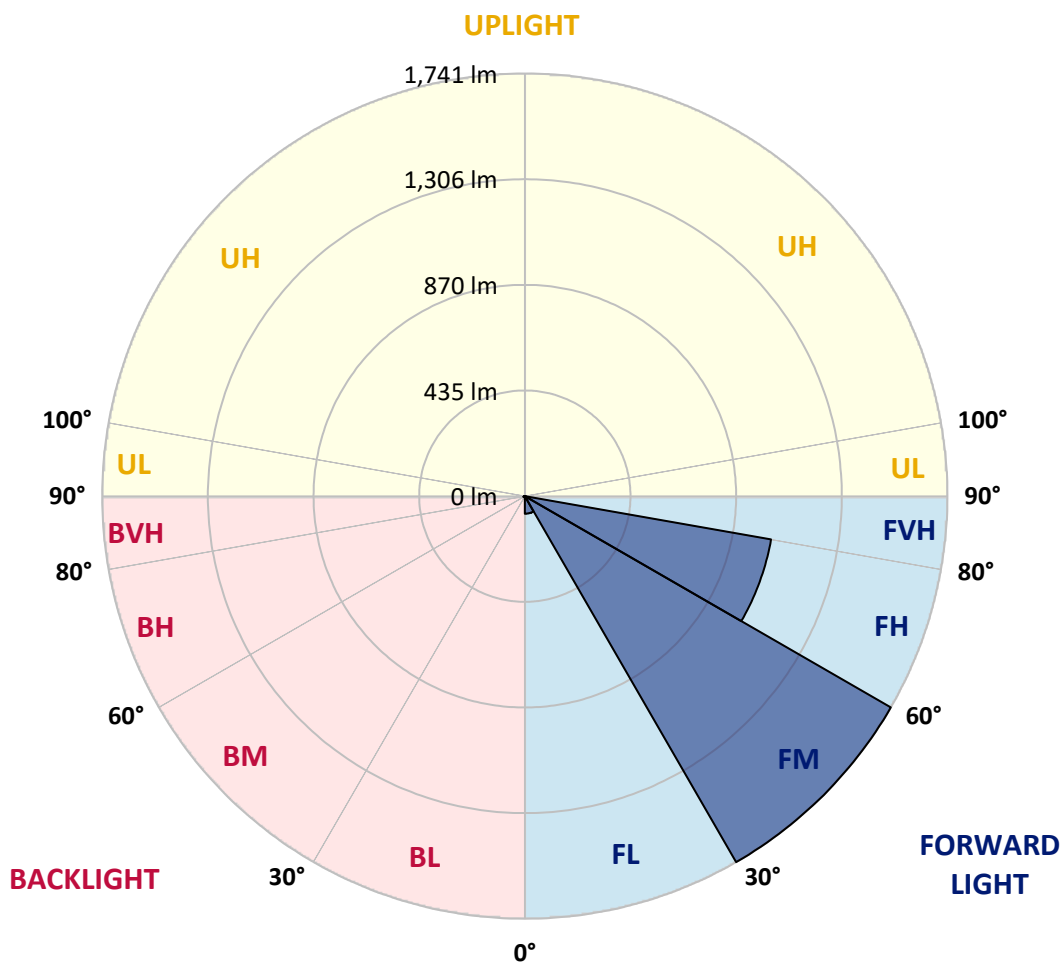
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	72.6	2.5			
FM	(30°-60°)	1740.9	60.8			
FH	(60°-80°)	1029.8	36.0			G1/1800
FVH	(80°-90°)	4.2	0.1			G0/10
BL	(0°-30°)	2.6	0.1	B0/110		
BM	(30°-60°)	5.1	0.2	B0/220		
BH	(60°-80°)	5.3	0.2	B0/110		G0/110
BVH	(80°-90°)	1.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

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°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
2.5°	11.5	11.5	11.5	11.5	11.2	11.2	11.0	11.0	10.8	10.8
5°	12.1	12.1	11.9	11.7	11.7	11.5	11.2	11.0	11.0	10.8
7.5°	13.2	13.0	12.8	12.5	12.1	11.9	11.5	11.2	11.0	10.6
10°	14.5	14.1	13.6	13.2	12.8	12.3	11.9	11.7	11.2	11.0
12.5°	16.2	15.6	14.7	14.1	13.6	13.0	12.5	12.1	11.5	11.0
15°	17.7	16.9	15.8	14.9	14.3	13.4	12.8	12.1	11.7	11.0
17.5°	19.9	18.4	16.7	15.6	14.7	13.6	12.5	11.9	11.2	10.4
20°	23.6	20.5	17.3	16.0	14.7	13.4	12.1	11.2	10.6	9.7
22.5°	29.4	24.2	19.0	17.1	15.4	13.4	11.7	10.8	9.9	9.1
25°	40.7	31.4	22.1	19.5	16.9	14.3	11.7	10.6	9.7	8.7
27.5°	54.1	40.2	26.2	22.5	19.0	15.4	11.7	10.4	9.3	8.0
30°	67.7	49.3	30.7	26.0	21.2	16.4	11.7	10.2	8.9	7.4
32.5°	80.7	57.7	34.6	29.0	23.4	17.5	11.9	10.2	8.4	6.7
35°	93.9	64.7	35.3	29.4	23.6	17.5	11.7	9.7	8.0	6.1
37.5°	110.7	72.4	34.0	28.1	22.5	16.7	11.0	9.3	7.6	5.6
40°	136.2	85.4	34.6	28.5	22.5	16.4	10.4	8.7	7.1	5.4
42.5°	183.4	110.5	37.4	30.5	23.6	16.4	9.5	8.0	6.7	5.2
45°	317.0	183.6	50.2	39.8	29.4	19.0	8.7	7.4	6.3	5.0
47.5°	524.4	307.3	90.2	69.6	49.3	28.8	8.4	7.4	6.3	5.0
50°	669.3	391.4	113.5	87.4	61.2	35.0	8.9	7.6	6.5	5.2
52.5°	668.2	397.5	126.5	97.1	67.9	38.5	9.3	8.0	6.9	5.6
55°	594.1	361.6	128.9	99.0	69.4	39.6	9.9	8.7	7.4	6.1
57.5°	496.5	307.1	117.6	91.0	64.7	38.1	11.5	9.9	8.7	7.1
60°	392.7	242.2	91.7	72.4	53.4	34.2	15.1	13.2	11.5	9.5
62.5°	271.2	175.6	80.0	64.2	48.7	32.9	17.3	15.4	13.6	11.7
65°	191.8	132.1	72.2	58.8	45.6	32.2	18.8	16.7	14.7	12.5
67.5°	143.4	105.1	66.6	55.1	43.7	32.2	20.8	18.2	15.8	13.2
70°	109.9	86.3	62.5	53.2	44.1	34.8	25.5	21.8	18.4	14.7
72.5°	89.5	73.7	57.7	51.0	44.3	37.6	30.9	26.2	21.4	16.4
75°	74.2	63.1	52.1	46.5	41.1	35.5	29.8	25.5	21.4	17.1
77.5°	49.3	45.0	40.4	37.2	34.0	30.5	27.2	23.6	20.1	16.4
80°	17.3	16.7	16.0	17.3	18.6	19.9	21.2	18.6	16.2	13.6
82.5°	2.6	2.4	2.2	2.4	2.6	2.8	3.0	3.2	3.5	3.7
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°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
0.0	2.5°	10.6	10.6	10.4	10.4	10.4	10.2	10.2	9.9	9.9	9.9
0.0	5°	10.4	10.4	10.2	9.9	9.7	9.7	9.5	9.3	9.3	9.1
0.0	7.5°	10.2	9.9	9.7	9.5	9.3	9.1	8.9	8.7	8.7	8.4
0.0	10°	10.4	9.9	9.7	9.3	9.1	8.9	8.4	8.2	8.0	8.0
0.0	12.5°	9.9	9.7	9.3	8.9	8.7	8.2	8.0	7.6	7.4	7.4
0.0	15°	9.9	9.5	8.9	8.4	8.0	7.8	7.4	6.9	6.7	6.5
0.0	17.5°	9.3	8.9	8.2	7.8	7.4	6.9	6.5	6.1	5.8	5.6
0.0	20°	8.4	8.0	7.4	6.7	6.3	5.8	5.4	5.0	4.8	4.5
0.0	22.5°	7.6	7.1	6.5	5.8	5.4	5.0	4.3	3.9	3.7	3.2
0.0	25°	7.1	6.5	5.8	5.2	4.5	4.1	3.5	2.8	2.4	1.9
0.0	27.5°	6.1	5.4	4.8	4.1	3.5	2.8	2.2	1.5	1.1	0.9
0.0	30°	5.2	4.5	3.9	3.2	2.4	1.7	1.1	0.2	0.2	0.2
0.0	32.5°	4.3	3.7	2.8	2.2	1.7	1.1	0.6	0.0	0.0	0.0
0.0	35°	3.5	2.8	1.9	1.3	1.1	0.6	0.4	0.0	0.0	0.0
0.0	37.5°	3.0	2.4	1.5	0.6	0.4	0.4	0.2	0.0	0.0	0.0
0.0	40°	2.8	1.9	1.1	0.2	0.2	0.2	0.0	0.0	0.0	0.0
0.0	42.5°	2.8	1.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	2.8	1.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	2.8	1.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	3.0	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	3.5	2.6	1.7	0.9	0.6	0.4	0.2	0.0	0.0	0.0
0.0	55°	4.3	3.9	3.2	2.8	2.2	1.5	0.6	0.0	0.0	0.0
0.0	57.5°	5.6	5.6	5.4	5.2	3.9	2.6	1.3	0.0	0.0	0.0
0.0	60°	7.6	7.6	7.6	7.6	5.6	3.9	1.9	0.0	0.0	0.0
0.0	62.5°	9.3	8.9	8.2	7.8	5.8	3.9	1.9	0.0	0.0	0.0
0.0	65°	9.3	8.4	7.4	6.3	4.8	3.2	1.5	0.0	0.0	0.0
0.0	67.5°	8.7	6.9	5.0	3.2	2.4	1.7	0.9	0.0	0.0	0.0
	70°	8.7	6.1	3.5	0.9	0.6	0.4	0.2	0.0	0.0	0.0
	72.5°	8.7	5.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	9.5	6.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	9.5	6.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	8.4	5.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	2.8	1.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
0.0	2.5°	9.7	9.7	9.7	9.5	9.5	9.5	9.5	9.3	9.3	9.3
0.0	5°	8.9	8.9	8.7	8.7	8.4	8.4	8.2	8.2	8.0	8.0
0.0	7.5°	8.2	8.0	8.0	7.8	7.6	7.6	7.4	7.4	7.1	6.9
0.0	10°	7.6	7.4	7.4	7.1	6.9	6.7	6.7	6.5	6.3	6.1
0.0	12.5°	6.9	6.7	6.5	6.3	6.1	5.8	5.8	5.6	5.4	5.2
0.0	15°	6.1	5.8	5.6	5.4	5.2	5.0	5.0	4.8	4.5	4.3
0.0	17.5°	5.2	5.0	5.0	4.8	4.5	4.3	4.1	3.7	3.5	3.2
0.0	20°	3.9	3.7	3.5	3.2	3.0	2.6	2.4	1.9	1.5	1.3
0.0	22.5°	2.6	2.2	1.9	1.5	1.1	0.9	0.6	0.2	0.0	0.0
0.0	25°	0.9	0.6	0.4	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: P1049101

CATALOG NUMBER: GALN-SA1A-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049101

CATALOG NUMBER: GALN-SA1A-827-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
0.0	2.5°	9.1	9.1	9.1	8.9	8.9	8.9	8.9	8.9	8.9	8.9
0.0	5°	7.8	7.8	7.8	7.6	7.6	7.4	7.4	7.4	7.1	7.1
0.0	7.5°	6.7	6.5	6.5	6.3	6.3	6.1	6.1	6.1	5.8	5.8
0.0	10°	5.6	5.4	5.4	5.2	5.2	5.0	5.0	4.8	4.8	4.5
0.0	12.5°	5.0	4.8	4.5	4.3	4.3	4.1	3.9	3.9	3.7	3.5
0.0	15°	3.9	3.7	3.5	3.2	3.0	2.8	2.6	2.6	2.4	2.2
0.0	17.5°	2.6	2.2	1.9	1.7	1.7	1.5	1.3	1.1	0.9	0.6
0.0	20°	0.6	0.4	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



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CATALOG NUMBER: GALN-SA1A-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049101

CATALOG NUMBER: GALN-SA1A-827-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°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
0.0	2.5°	8.9	8.7	8.7	8.7	8.9	8.9	8.9	8.9	8.9	8.9
0.0	5°	7.1	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
0.0	7.5°	5.8	5.6	5.6	5.6	5.6	5.4	5.4	5.4	5.4	5.4
0.0	10°	4.5	4.3	4.3	4.3	4.3	4.1	4.1	4.1	4.1	4.1
0.0	12.5°	3.2	3.2	3.0	3.0	3.0	2.8	2.8	2.8	2.8	2.6
0.0	15°	1.9	1.7	1.5	1.5	1.5	1.3	1.3	1.3	1.3	1.1
0.0	17.5°	0.4	0.4	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

CATALOG NUMBER: GALN-SA1A-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049101

CATALOG NUMBER: GALN-SA1A-827-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
0.0	2.5°	9.1	9.1	9.3	9.3	9.5	9.9	10.2	10.4	10.8	11.2
0.0	5°	7.1	7.4	7.4	7.6	7.8	8.0	8.2	8.4	8.9	9.3
0.0	7.5°	5.6	5.6	5.8	5.8	6.1	6.5	6.7	6.9	7.4	8.0
0.0	10°	4.3	4.3	4.5	4.5	4.8	5.2	5.4	5.6	6.1	6.7
0.0	12.5°	2.8	3.0	3.0	3.2	3.5	3.9	4.1	4.3	4.8	5.2
0.0	15°	1.3	1.5	1.5	1.7	1.9	2.4	2.6	2.8	3.2	3.9
0.0	17.5°	0.2	0.2	0.4	0.4	0.6	0.9	1.1	1.3	1.9	2.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9
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
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049101

CATALOG NUMBER: GALN-SA1A-827-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°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
0.0	2.5°	11.9	12.3	12.8	13.2	13.6	14.1	14.3	14.7	14.9	15.1
0.0	5°	10.2	10.6	11.2	11.7	12.1	12.5	13.0	13.2	13.4	13.6
0.0	7.5°	8.9	9.3	9.9	10.4	10.8	11.2	11.7	12.1	12.3	12.5
0.0	10°	7.6	8.2	8.7	9.3	9.7	10.2	10.6	11.0	11.5	11.7
0.0	12.5°	6.1	6.7	7.4	7.8	8.4	9.1	9.5	9.9	10.4	10.8
0.0	15°	4.8	5.4	6.1	6.5	7.1	7.8	8.4	8.9	9.3	9.7
0.0	17.5°	3.5	4.1	4.8	5.2	5.8	6.5	6.9	7.6	8.0	8.4
0.0	20°	1.7	2.4	3.0	3.7	4.3	5.0	5.4	6.1	6.5	6.9
0.0	22.5°	0.2	0.9	1.5	1.9	2.6	3.2	3.7	4.3	4.8	5.2
0.0	25°	0.0	0.2	0.6	0.9	1.1	1.5	1.9	2.4	2.8	3.2
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.9	1.3	1.7
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
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	0.4
	85°	0.0	0.0	0.0	0.0	0.0	0.4	0.6	1.1	1.3	1.5
	87.5°	0.0	0.2	0.4	0.6	0.9	1.3	1.7	2.2	2.4	2.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049101

CATALOG NUMBER: GALN-SA1A-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049101

CATALOG NUMBER: GALN-SA1A-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
0.0	2.5°	15.4	15.4	15.4	15.4	15.1	15.1	15.1	14.9	14.9	14.7
0.0	5°	14.1	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.1	14.1
0.0	7.5°	13.0	13.2	13.4	13.4	13.6	13.6	13.6	13.4	13.4	13.2
0.0	10°	12.3	12.5	12.5	12.8	12.8	12.8	12.8	12.8	12.8	12.8
0.0	12.5°	11.5	11.7	11.9	11.9	12.1	12.1	12.1	12.1	11.9	11.9
0.0	15°	10.4	10.8	11.0	11.2	11.2	11.5	11.5	11.5	11.5	11.5
0.0	17.5°	9.5	9.9	10.2	10.4	10.4	10.6	10.6	10.8	10.8	10.8
0.0	20°	7.8	8.2	8.4	8.9	9.1	9.3	9.5	9.7	9.7	9.9
0.0	22.5°	6.1	6.5	6.7	7.1	7.4	7.6	7.8	8.0	8.2	8.4
0.0	25°	4.3	4.8	5.0	5.4	5.6	5.8	6.1	6.3	6.3	6.5
0.0	27.5°	2.4	2.8	3.2	3.5	3.9	4.1	4.3	4.5	4.8	5.0
0.0	30°	1.1	1.3	1.5	1.9	2.2	2.4	2.6	3.0	3.2	3.5
0.0	32.5°	0.0	0.0	0.2	0.6	0.9	1.1	1.3	1.5	1.5	1.7
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.9
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	82.5°	1.1	1.3	1.5	1.5	1.7	1.7	1.7	1.7	1.5	1.5
	85°	2.2	2.4	2.6	2.6	2.8	2.8	2.8	2.8	2.8	2.8
	87.5°	3.0	3.2	3.5	3.5	3.7	3.7	3.7	3.7	3.7	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

REPORT NUMBER: P1049101

CATALOG NUMBER: GALN-SA1A-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
12.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.7	137.5°	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
3.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	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										
0.0										
0.0										
0.0										
0.6										
1.5										
2.8										
3.7										
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REPORT NUMBER: P1049101

CATALOG NUMBER: GALN-SA1A-827-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°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
0.0	2.5°	14.5	14.5	14.3	14.3	14.3	14.3	14.3	14.5	14.7	14.7
0.0	5°	13.8	13.8	13.6	13.6	13.6	13.8	13.8	14.1	14.3	14.5
0.0	7.5°	13.2	13.0	13.0	13.2	13.2	13.4	13.4	13.6	13.8	14.1
0.0	10°	12.8	12.5	12.5	12.5	12.8	12.8	13.0	13.2	13.4	13.6
0.0	12.5°	11.9	11.9	11.9	11.9	12.1	12.1	12.3	12.5	13.0	13.2
0.0	15°	11.5	11.2	11.2	11.2	11.2	11.5	11.5	11.9	12.3	12.5
0.0	17.5°	10.6	10.6	10.4	10.4	10.6	10.6	10.8	11.2	11.7	11.9
0.0	20°	9.7	9.5	9.3	9.3	9.5	9.5	9.7	10.2	10.6	10.8
0.0	22.5°	8.4	8.2	8.2	8.2	8.2	8.4	8.4	8.9	9.5	9.9
0.0	25°	6.7	6.9	6.9	7.1	7.1	7.4	7.6	8.0	8.7	9.1
0.0	27.5°	5.2	5.4	5.4	5.8	6.1	6.3	6.5	7.1	7.8	8.2
0.0	30°	3.9	4.1	4.3	4.5	5.0	5.4	5.8	6.5	7.1	7.6
0.0	32.5°	2.4	2.8	3.0	3.5	3.9	4.3	4.8	5.4	6.3	6.9
0.0	35°	1.7	1.9	2.4	2.6	3.0	3.5	3.9	4.8	5.4	6.3
0.0	37.5°	0.9	1.3	1.7	2.2	2.6	3.0	3.5	4.3	5.2	5.8
0.0	40°	0.6	1.1	1.3	1.7	2.4	2.8	3.2	4.1	5.0	5.8
0.0	42.5°	0.4	0.6	0.9	1.5	1.9	2.6	3.2	4.1	5.0	5.8
0.0	45°	0.4	0.4	0.6	1.3	1.9	2.8	3.5	4.3	5.0	5.8
0.0	47.5°	0.4	0.6	0.9	1.7	2.2	2.8	3.5	4.1	5.0	5.6
0.0	50°	0.6	0.9	1.1	1.9	2.4	3.0	3.5	4.3	5.0	5.8
0.0	52.5°	0.4	0.6	0.9	1.7	2.4	3.2	3.9	4.8	5.6	6.3
0.0	55°	0.2	0.2	0.2	1.3	2.6	3.7	5.0	5.6	6.5	7.1
0.0	57.5°	0.0	0.0	0.0	0.9	2.6	4.1	5.6	6.5	7.4	8.0
0.0	60°	0.0	0.0	0.0	0.9	2.6	4.1	5.6	6.7	7.8	8.9
0.0	62.5°	0.0	0.0	0.0	0.9	2.2	3.5	4.8	6.5	8.4	10.2
0.0	65°	0.0	0.0	0.0	0.6	1.7	2.8	3.9	6.5	9.1	11.5
0.0	67.5°	0.0	0.0	0.0	0.6	1.7	2.6	3.7	6.5	9.1	11.9
	70°	0.0	0.0	0.0	0.6	1.7	2.8	3.9	6.5	9.1	11.7
	72.5°	0.0	0.0	0.0	0.6	1.9	3.0	4.3	6.5	8.7	10.8
	75°	0.0	0.0	0.0	0.9	1.9	3.2	4.5	6.5	8.4	10.2
	77.5°	0.0	0.0	0.0	0.6	1.9	3.0	4.3	6.3	8.2	9.9
	80°	0.6	0.4	0.4	1.1	1.9	2.8	3.7	5.6	7.8	9.7
	82.5°	1.3	1.3	1.1	1.5	1.9	2.6	3.2	5.0	6.9	8.7
	85°	2.6	2.6	2.4	2.6	2.6	2.8	3.0	3.9	4.8	5.6
	87.5°	3.5	3.5	3.2	3.2	3.2	3.0	3.0	3.0	3.0	2.8
	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: P1049101

CATALOG NUMBER: GALN-SA1A-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
12.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3											
13.0											
12.1											
11.9											
11.7											
10.4											
6.5											
2.8											
0.0											
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REPORT NUMBER: P1049101

CATALOG NUMBER: GALN-SA1A-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
0.0	2.5°	15.1	15.4	15.4	15.6	15.8	16.0	16.0	16.2	16.2	16.2
0.0	5°	14.9	15.4	15.6	15.8	16.0	16.2	16.4	16.7	16.9	16.9
0.0	7.5°	14.7	14.9	15.4	15.6	16.0	16.2	16.7	16.9	17.1	17.3
0.0	10°	14.3	14.7	15.1	15.6	16.0	16.4	16.9	17.3	17.7	17.9
0.0	12.5°	13.8	14.5	14.9	15.4	16.0	16.7	17.1	17.7	18.2	18.6
0.0	15°	13.6	14.1	14.7	15.1	16.0	16.9	17.5	18.4	19.2	19.9
0.0	17.5°	13.0	13.8	14.5	15.1	16.0	17.1	17.9	18.8	20.1	21.4
0.0	20°	12.1	12.8	13.6	14.3	15.6	16.7	17.9	19.0	21.0	22.9
0.0	22.5°	11.2	12.1	12.8	13.6	15.1	16.4	17.9	19.2	22.5	25.5
0.0	25°	10.4	11.5	12.3	13.2	14.9	16.7	18.4	20.1	25.5	30.9
0.0	27.5°	9.9	10.8	11.9	12.8	14.9	17.3	19.5	21.6	30.3	38.7
0.0	30°	9.3	10.4	11.2	12.3	15.1	17.9	20.8	23.6	36.8	50.0
0.0	32.5°	8.7	9.7	10.8	11.9	15.6	19.2	22.7	26.4	43.7	60.8
0.0	35°	8.0	9.3	10.4	11.5	16.2	21.2	26.0	30.7	50.0	69.0
0.0	37.5°	7.8	9.1	10.2	11.2	16.4	21.4	26.6	31.6	50.6	69.6
0.0	40°	8.0	9.1	10.4	11.5	15.8	20.1	24.2	28.5	48.4	68.1
0.0	42.5°	8.0	9.3	10.6	11.9	15.4	18.8	22.3	25.7	47.8	69.9
0.0	45°	7.8	9.1	10.4	11.7	14.9	17.9	21.2	24.2	51.7	78.9
0.0	47.5°	7.6	8.9	10.2	11.5	14.7	17.9	21.2	24.4	66.8	109.0
0.0	50°	7.6	8.9	9.9	11.0	14.9	19.0	22.9	26.8	97.3	167.6
0.0	52.5°	8.0	9.1	9.9	10.8	15.4	20.1	24.7	29.2	123.7	218.0
0.0	55°	8.7	9.3	10.2	10.8	16.4	21.8	27.5	32.9	131.7	230.5
0.0	57.5°	9.5	10.2	10.8	11.5	18.4	25.3	32.0	38.9	132.4	225.6
0.0	60°	10.6	11.5	12.1	12.8	20.1	27.7	35.0	42.4	119.8	197.0
0.0	62.5°	13.0	14.1	14.9	16.0	23.1	30.1	37.2	44.1	99.5	154.8
0.0	65°	14.9	15.8	16.7	17.5	24.4	31.6	38.5	45.4	84.3	123.3
0.0	67.5°	15.4	16.2	16.9	17.7	24.9	32.0	38.9	46.1	72.2	98.2
	70°	15.6	16.7	17.9	19.0	26.4	33.7	40.9	48.2	64.0	79.8
	72.5°	14.9	17.1	19.0	21.0	27.9	34.6	41.5	48.2	59.5	70.7
	75°	14.9	17.9	20.8	23.6	28.8	33.7	38.9	43.9	52.6	61.2
	77.5°	15.8	19.7	23.6	27.5	30.5	33.3	36.3	39.1	44.8	50.4
	80°	15.8	19.9	23.8	27.9	29.2	30.7	32.0	33.3	34.0	34.6
	82.5°	13.6	16.9	20.1	23.4	21.8	20.3	18.8	17.3	16.2	14.9
	85°	6.9	7.6	8.0	8.4	7.8	7.1	6.5	5.8	5.4	4.8
	87.5°	2.8	2.8	2.6	2.6	2.6	2.6	2.4	2.4	2.4	2.4
	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: P1049101

CATALOG NUMBER: GALN-SA1A-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
12.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
490.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
617.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
631.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
569.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
487.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
287.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
212.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.3											
111.8											
81.3											
61.2											
34.4											
15.6											
4.5											
2.2											
0.0											
0.0											
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REPORT NUMBER: P1049101

CATALOG NUMBER: GALN-SA1A-827-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°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
0.0	2.5°	16.2	16.0	16.0	15.8	15.6	15.4	15.1	14.9	14.7	14.5
0.0	5°	16.9	16.9	16.9	16.7	16.7	16.4	16.4	16.2	16.0	15.8
0.0	7.5°	17.5	17.7	17.7	17.9	17.9	17.9	17.9	17.7	17.7	17.7
0.0	10°	18.6	18.8	19.0	19.2	19.5	19.7	19.7	19.9	19.9	19.9
0.0	12.5°	19.9	20.5	21.0	21.6	22.1	22.7	23.1	23.8	24.2	24.7
0.0	15°	21.8	22.9	24.2	25.3	26.4	27.9	29.6	31.1	32.7	35.0
0.0	17.5°	24.7	28.1	31.6	34.8	38.3	45.8	53.4	60.8	68.3	79.4
0.0	20°	30.1	40.4	50.6	61.0	71.1	97.7	124.1	150.7	177.1	205.4
0.0	22.5°	42.2	67.7	93.2	118.7	144.2	199.8	255.2	310.8	366.1	431.2
0.0	25°	61.2	108.1	155.1	201.8	248.7	335.6	422.8	509.7	596.7	681.2
0.0	27.5°	89.1	160.9	232.7	304.3	376.1	493.9	612.0	729.9	847.7	943.3
0.0	30°	123.5	220.8	318.1	415.4	512.8	646.8	780.9	914.8	1048.9	1153.3
0.0	32.5°	155.9	275.1	394.2	513.2	632.3	785.0	937.9	1090.6	1243.3	1357.5
0.0	35°	177.1	321.1	465.4	609.4	753.5	918.7	1083.9	1248.9	1414.1	1544.5
0.0	37.5°	198.3	364.6	530.7	697.0	863.1	1044.5	1226.0	1407.4	1588.9	1750.0
0.0	40°	222.1	417.2	612.0	807.1	1001.9	1216.9	1431.6	1646.6	1861.4	2088.6
0.0	42.5°	263.4	504.3	745.5	986.4	1227.3	1511.7	1796.0	2080.2	2364.6	2689.0
0.0	45°	341.0	680.6	1020.3	1359.8	1699.4	2076.1	2453.0	2829.8	3206.5	3638.2
0.0	47.5°	531.1	998.3	1465.2	1932.3	2399.2	2806.0	3212.6	3619.3	4025.9	4455.8
0.0	50°	812.7	1356.4	1900.1	2443.5	2987.2	3355.3	3723.1	4091.2	4459.1	4868.0
0.0	52.5°	1016.4	1582.8	2149.4	2715.8	3282.2	3614.4	3946.8	4278.9	4611.1	4993.3
0.0	55°	1031.8	1594.9	2158.3	2721.4	3284.6	3618.3	3952.0	4285.6	4619.3	5024.4
0.0	57.5°	913.5	1472.1	2030.5	2589.1	3147.5	3527.4	3907.2	4287.2	4666.9	5104.8
0.0	60°	777.0	1335.8	1894.4	2453.3	3011.9	3449.6	3887.5	4325.2	4762.9	5173.2
0.0	62.5°	606.2	1181.0	1756.0	2330.9	2905.7	3350.1	3794.5	4238.7	4683.1	4990.9
0.0	65°	451.8	1009.9	1568.1	2126.1	2684.2	3040.2	3396.2	3751.9	4107.9	4298.4
0.0	67.5°	326.6	808.0	1289.1	1770.5	2251.7	2506.5	2761.2	3015.8	3270.5	3416.3
	70°	220.8	554.3	887.5	1221.0	1554.3	1763.6	1973.2	2182.5	2391.8	2588.6
	72.5°	152.9	340.2	527.7	715.0	902.2	1112.9	1323.3	1533.9	1744.4	1952.6
	75°	101.4	186.6	272.1	357.3	442.5	598.4	754.5	910.5	1066.4	1190.5
	77.5°	72.0	97.5	123.3	148.8	174.3	203.5	232.9	262.1	291.3	335.6
	80°	34.2	37.4	40.7	43.7	46.9	57.5	68.1	78.7	89.3	100.6
	82.5°	16.2	17.5	18.8	19.9	21.2	22.3	23.4	24.4	25.5	24.4
	85°	4.3	4.3	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.3
	87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.7	1.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049101

CATALOG NUMBER: GALN-SA1A-827-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
12.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
234.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
496.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
765.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1038.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1258.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1471.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1674.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1911.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2315.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3013.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4069.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4885.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5277.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5375.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5429.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5542.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5583.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5298.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4489.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3562.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2785.2											
2160.9											
1314.7											
380.0											
111.8											
23.1											
4.1											
1.5											
0.0											
0.0											
0.0											
0.0											
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0.0											
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0.0											

REPORT NUMBER: P1049101

CATALOG NUMBER: GALN-SA1A-827-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
0.0	2.5°	14.1	13.8	13.6	13.4	13.2	12.8	12.8	12.5	12.5
0.0	5°	15.4	15.1	14.9	14.7	14.7	14.5	14.3	14.3	14.1
0.0	7.5°	17.5	17.3	17.1	16.9	16.9	16.7	16.7	16.4	16.4
0.0	10°	20.1	20.1	20.1	20.1	20.1	19.9	19.9	19.9	19.7
0.0	12.5°	25.3	25.5	26.0	26.4	27.0	27.0	27.0	26.8	26.8
0.0	15°	40.0	42.4	44.1	45.8	47.4	50.8	50.4	49.7	49.3
0.0	17.5°	101.2	112.0	117.9	123.5	129.3	145.3	142.7	140.1	137.8
0.0	20°	262.3	290.7	309.5	328.3	347.3	377.4	370.0	362.7	355.3
0.0	22.5°	561.2	626.3	654.6	683.0	711.1	747.4	723.8	700.3	676.9
0.0	25°	850.1	934.7	982.5	1030.3	1077.8	1098.6	1067.9	1037.0	1006.3
0.0	27.5°	1134.5	1230.1	1272.3	1314.2	1356.4	1399.9	1361.8	1323.5	1285.5
0.0	30°	1362.4	1466.9	1512.5	1557.9	1603.6	1633.9	1594.5	1554.9	1515.6
0.0	32.5°	1586.1	1700.2	1750.2	1800.2	1849.9	1893.4	1844.9	1796.3	1747.8
0.0	35°	1805.1	1935.5	2004.3	2073.1	2141.8	2182.3	2124.8	2067.0	2009.5
0.0	37.5°	2072.4	2233.5	2310.5	2387.5	2464.5	2538.3	2474.9	2411.3	2347.9
0.0	40°	2543.2	2770.5	2888.6	3006.9	3125.0	3220.1	3140.1	3060.1	2980.1
0.0	42.5°	3337.8	3662.2	3831.9	4001.5	4171.2	4319.8	4235.7	4151.6	4067.4
0.0	45°	4501.5	4933.1	5140.1	5346.8	5553.8	5662.4	5541.3	5419.9	5298.8
0.0	47.5°	5315.5	5745.4	5929.7	6113.9	6298.2	6422.1	6273.9	6125.8	5977.9
0.0	50°	5685.7	6094.7	6279.6	6464.3	6649.2	6747.6	6576.5	6405.2	6234.2
0.0	52.5°	5757.3	6139.4	6360.0	6580.8	6801.4	6932.9	6730.9	6528.7	6326.7
0.0	55°	5834.7	6239.8	6495.6	6751.7	7007.5	7189.6	6961.2	6732.6	6504.3
0.0	57.5°	5980.5	6418.4	6673.6	6928.6	7183.8	7338.4	7109.4	6880.1	6651.1
0.0	60°	5993.5	6403.5	6622.8	6842.3	7061.6	7158.9	6939.8	6720.5	6501.5
0.0	62.5°	5606.6	5914.3	6066.6	6218.8	6371.0	6476.8	6248.2	6019.4	5790.8
0.0	65°	4679.7	4870.2	4991.5	5112.8	5234.2	5360.2	5150.9	4941.6	4732.2
0.0	67.5°	3708.0	3853.8	4013.6	4173.4	4333.2	4468.0	4300.4	4132.5	3964.9
	70°	2982.0	3178.6	3358.3	3538.0	3717.7	3828.0	3659.8	3491.3	3323.1
	72.5°	2369.1	2577.4	2727.5	2877.4	3027.4	3054.5	2930.8	2807.1	2683.6
	75°	1438.6	1562.7	1565.7	1568.5	1571.6	1597.3	1494.8	1392.3	1290.0
	77.5°	424.3	468.6	505.2	541.5	578.1	622.2	584.6	546.7	509.1
	80°	122.8	134.1	143.6	152.9	162.4	156.8	147.9	139.1	130.2
	82.5°	22.1	20.8	20.5	20.3	20.3	19.2	17.5	15.8	14.1
	85°	3.9	3.7	3.5	3.2	3.0	2.8	2.4	2.2	1.7
	87.5°	1.3	1.1	0.9	0.6	0.6	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



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CATALOG NUMBER: GALN-SA1A-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049101

CATALOG NUMBER: GALN-SA1A-827-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°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
0.0	0.0	2.5°	12.3	12.1	12.1	12.1	12.1	11.9	11.9	11.9	11.9
0.0	0.0	5°	13.6	13.6	13.4	13.4	13.2	13.2	13.0	13.0	12.8
0.0	0.0	7.5°	16.0	15.8	15.6	15.4	15.1	14.7	14.5	14.3	14.3
0.0	0.0	10°	19.2	18.8	18.6	18.2	17.9	17.5	17.1	16.7	16.2
0.0	0.0	12.5°	25.3	24.4	23.8	22.9	22.1	21.4	20.5	19.9	19.0
0.0	0.0	15°	43.9	41.7	39.4	36.5	33.5	30.7	27.7	26.0	24.0
0.0	0.0	17.5°	112.2	101.0	89.5	80.2	70.9	61.9	52.6	45.8	39.1
0.0	0.0	20°	285.7	254.5	223.4	192.7	161.8	131.1	100.1	84.6	69.0
0.0	0.0	22.5°	537.6	479.9	421.9	365.9	309.7	253.7	197.7	162.4	127.4
0.0	0.0	25°	829.8	757.1	684.5	592.3	500.0	407.9	315.7	258.4	201.1
0.0	0.0	27.5°	1079.8	996.1	912.4	800.4	688.4	576.3	464.3	378.9	293.7
0.0	0.0	30°	1296.3	1206.3	1116.3	985.9	855.5	725.1	594.7	487.9	381.1
0.0	0.0	32.5°	1484.0	1376.3	1268.6	1134.1	999.6	865.0	730.5	599.5	468.4
0.0	0.0	35°	1700.5	1574.8	1448.9	1299.7	1150.3	1001.1	851.9	703.9	555.8
0.0	0.0	37.5°	1975.5	1821.4	1666.9	1500.6	1334.3	1168.2	1001.9	832.8	663.7
0.0	0.0	40°	2502.1	2303.2	2104.2	1892.9	1681.4	1470.1	1258.9	1051.2	843.6
0.0	0.0	42.5°	3445.7	3176.9	2908.1	2626.9	2345.6	2064.4	1783.1	1490.3	1197.2
0.0	0.0	45°	4510.6	4177.1	3843.4	3527.9	3212.1	2896.6	2581.1	2179.3	1777.4
0.0	0.0	47.5°	5109.4	4749.3	4389.2	4090.6	3791.9	3493.3	3194.6	2761.4	2328.3
0.0	0.0	50°	5329.8	4963.2	4596.6	4321.8	4046.7	3771.8	3496.7	3062.9	2628.9
0.0	0.0	52.5°	5376.7	5002.8	4628.9	4352.3	4075.7	3799.3	3522.7	3091.7	2660.7
0.0	0.0	55°	5473.1	5072.0	4670.6	4355.3	4040.0	3724.7	3409.4	2971.4	2533.5
0.0	0.0	57.5°	5599.2	5187.9	4776.6	4417.3	4058.1	3699.1	3339.9	2861.1	2382.3
0.0	0.0	60°	5566.1	5208.2	4850.1	4465.4	4080.4	3695.7	3310.7	2784.1	2257.3
0.0	0.0	62.5°	4991.7	4706.7	4421.5	4105.1	3788.5	3472.1	3155.7	2613.5	2071.3
0.0	0.0	65°	4106.6	3898.5	3690.5	3436.0	3181.2	2926.7	2672.1	2186.0	1700.0
0.0	0.0	67.5°	3328.3	3093.8	2859.2	2656.3	2453.3	2250.4	2047.3	1664.8	1282.2
		70°	2644.2	2389.3	2134.1	1936.0	1737.7	1539.6	1341.5	1087.1	833.0
		72.5°	2099.9	1870.0	1640.1	1428.8	1217.3	1006.0	794.5	644.2	493.9
		75°	1003.7	911.8	819.8	709.3	598.8	488.3	377.8	312.3	247.0
		77.5°	372.0	322.4	272.7	227.7	182.7	138.0	93.0	85.2	77.4
		80°	96.2	83.9	71.4	62.5	53.4	44.5	35.7	32.2	29.0
		82.5°	11.0	10.2	9.5	9.1	8.4	8.0	7.4	6.7	6.1
		85°	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049101

CATALOG NUMBER: GALN-SA1A-827-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	12.5	12.5
0.0	0.0	2.5°	11.7	11.5
0.0	0.0	5°	12.3	12.1
0.0	0.0	7.5°	13.6	13.2
0.0	0.0	10°	14.9	14.5
0.0	0.0	12.5°	16.9	16.2
0.0	0.0	15°	19.0	17.7
0.0	0.0	17.5°	22.7	19.9
0.0	0.0	20°	30.7	23.6
0.0	0.0	22.5°	43.3	29.4
0.0	0.0	25°	63.6	40.7
0.0	0.0	27.5°	88.5	54.1
0.0	0.0	30°	117.6	67.7
0.0	0.0	32.5°	143.4	80.7
0.0	0.0	35°	176.9	93.9
0.0	0.0	37.5°	218.2	110.7
0.0	0.0	40°	282.2	136.2
0.0	0.0	42.5°	397.5	183.4
0.0	0.0	45°	645.5	317.0
0.0	0.0	47.5°	993.3	524.4
0.0	0.0	50°	1215.2	669.3
0.0	0.0	52.5°	1233.3	668.2
0.0	0.0	55°	1125.9	594.1
0.0	0.0	57.5°	960.6	496.5
0.0	0.0	60°	798.4	392.7
0.0	0.0	62.5°	629.1	271.2
0.0	0.0	65°	459.8	191.8
0.0	0.0	67.5°	330.2	143.4
		70°	217.1	109.9
		72.5°	141.4	89.5
		75°	95.2	74.2
		77.5°	55.6	49.3
		80°	19.7	17.3
		82.5°	3.7	2.6
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

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: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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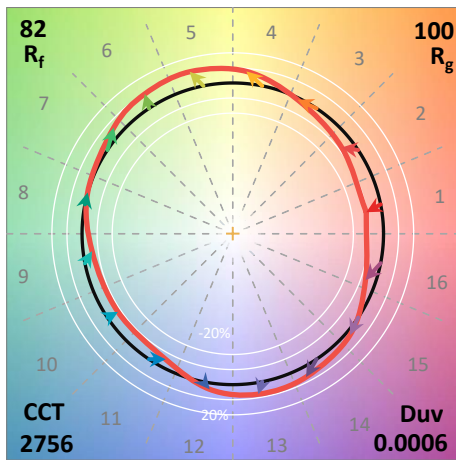
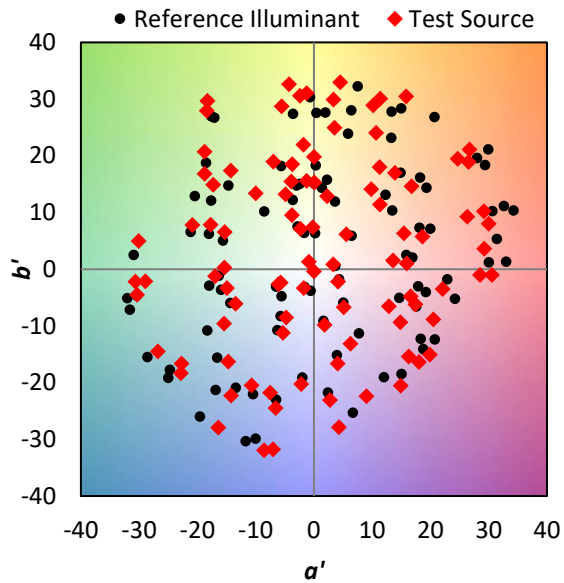
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$



Color Vector Graphics



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

CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)