

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: P1049105

Luminaire Tested: **GALN-SA2A-827-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049105
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-827-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5740 lumens
Efficiency: N/A
Efficacy: 102.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

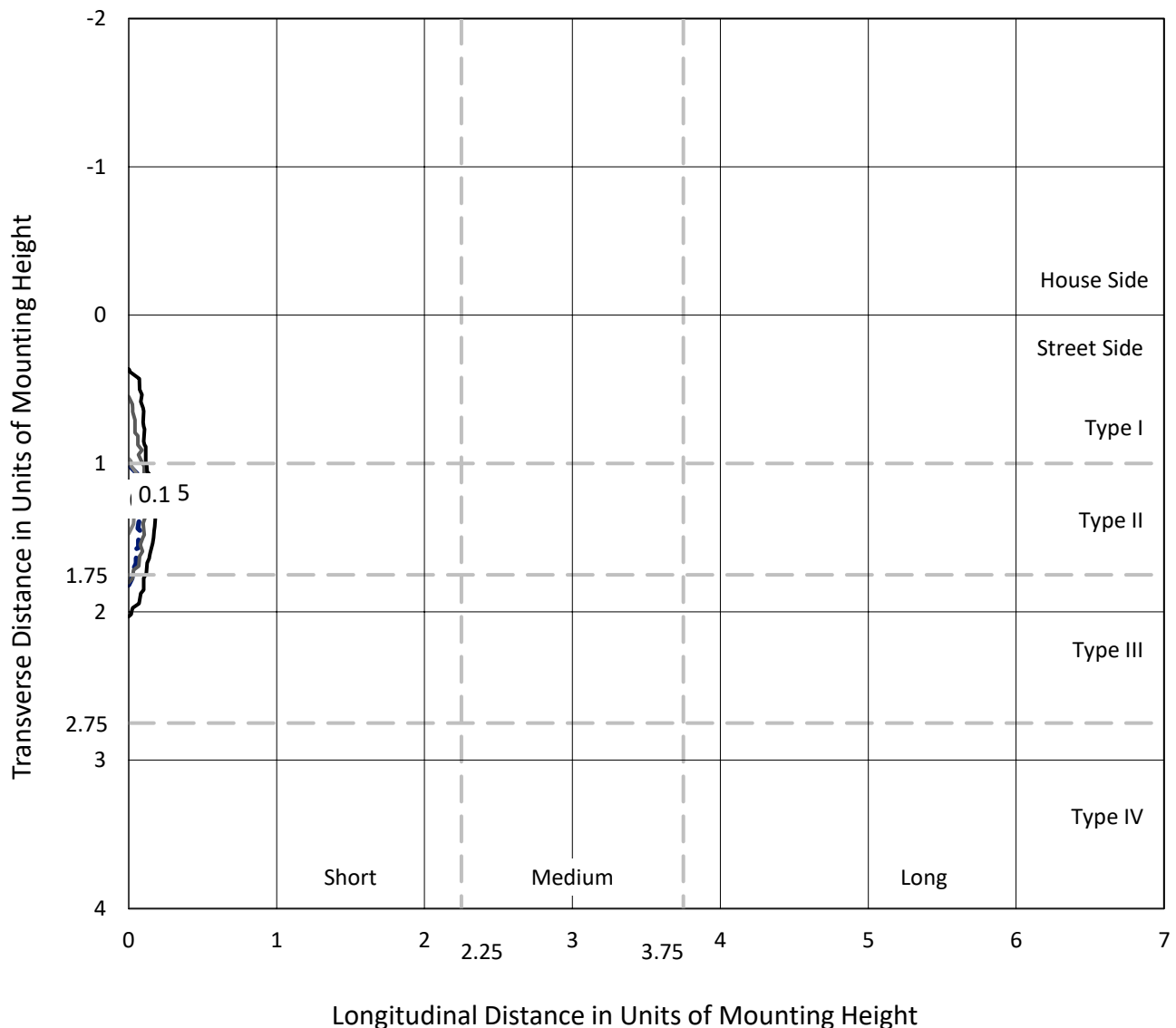
Input Watts (W): 55.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

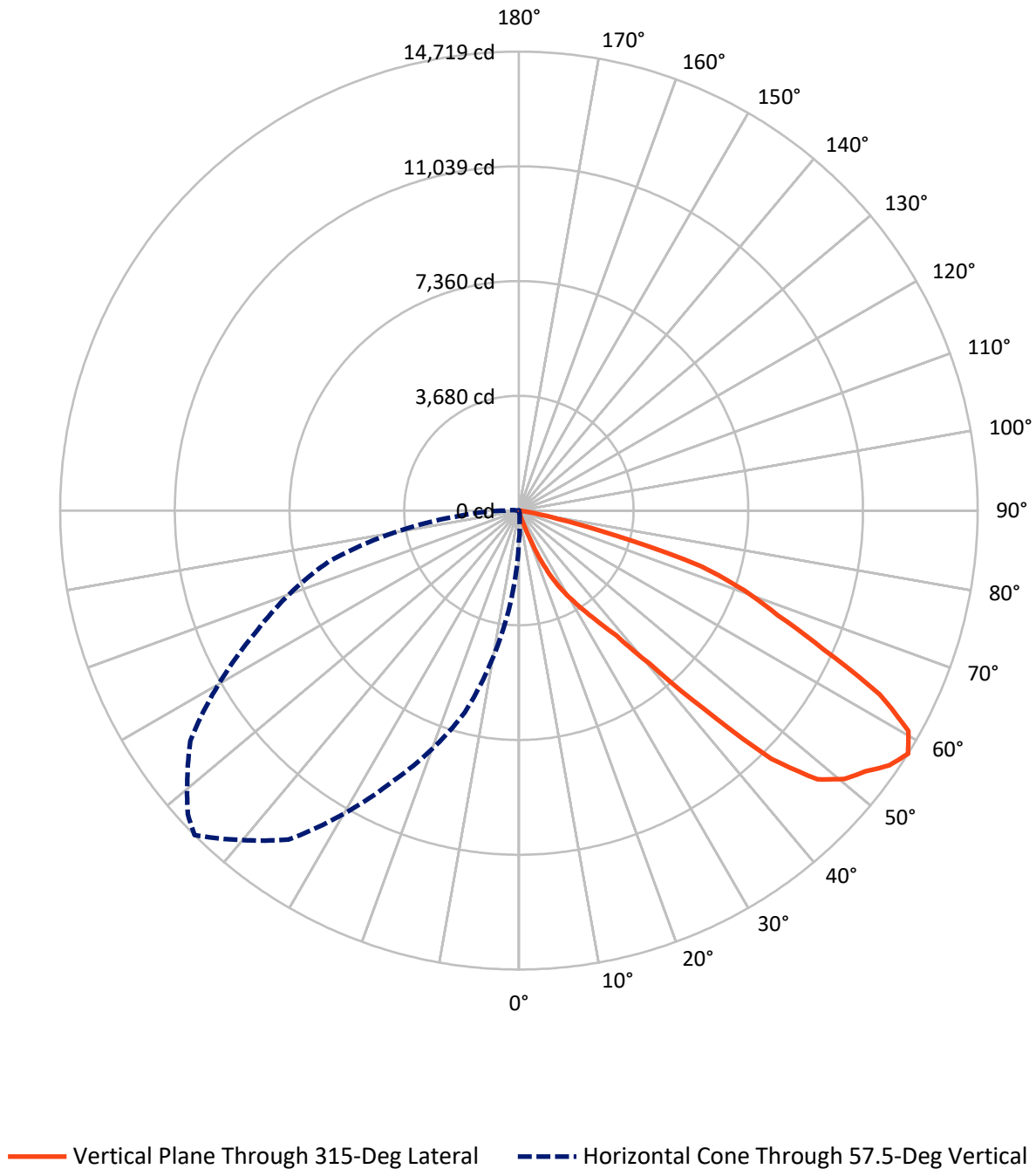
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 0.8 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	28.7	0.0	28.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	5711.2	0.0	5711.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	5740.0	0.0	5740.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.2	0.0
10°-20°	12.6	0.2
20°-30°	136.0	2.4
30°-40°	402.3	7.0
40°-50°	1198.9	20.9
50°-60°	1900.9	33.1
60°-70°	1586.8	27.6
70°-80°	489.3	8.5
80°-90°	10.9	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°	5740.0	100.0
0°-180°	5740.0	100.0

Coefficient of Utilization



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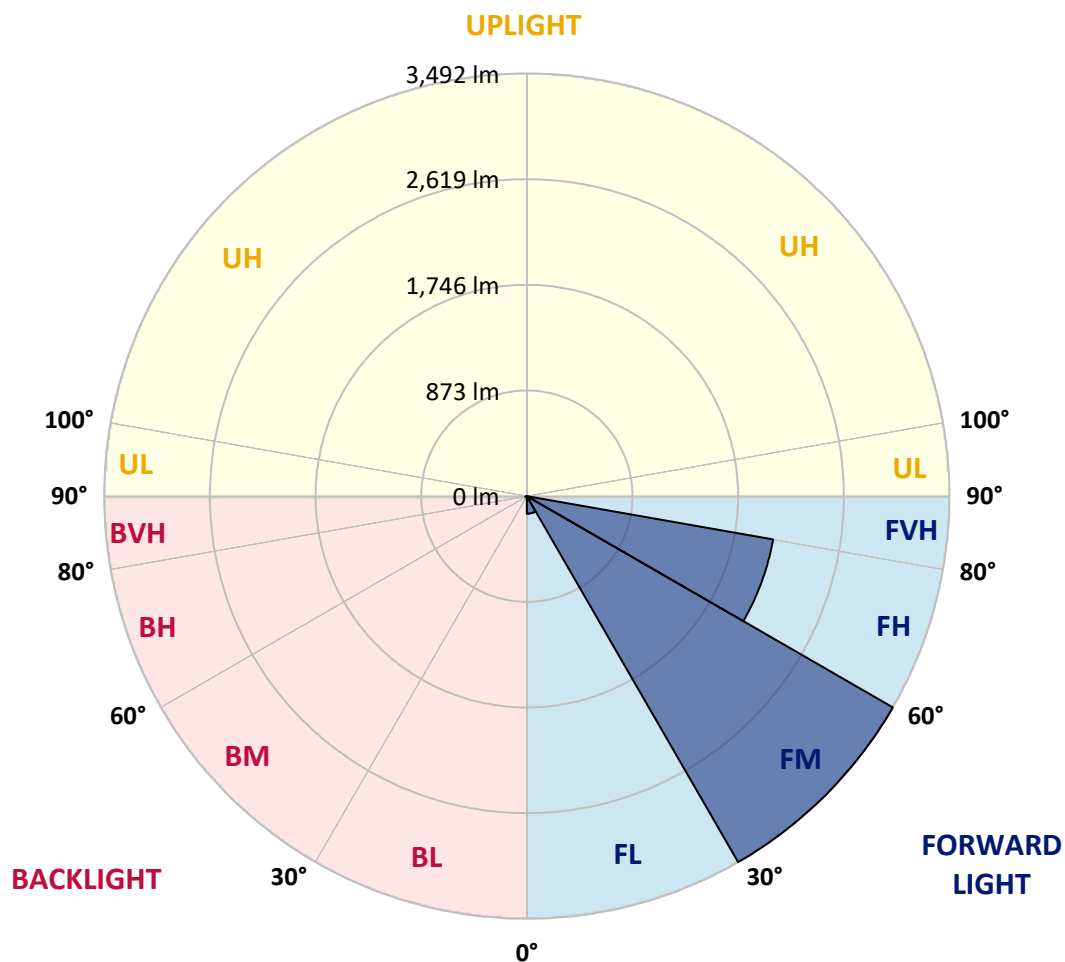
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	145.6	2.5			
FM	(30°-60°)	3491.8	60.8			
FH	(60°-80°)	2065.4	36.0			G2/5000
FVH	(80°-90°)	8.4	0.1			G0/10
BL	(0°-30°)	5.3	0.1	B0/110		
BM	(30°-60°)	10.3	0.2	B0/220		
BH	(60°-80°)	10.7	0.2	B0/110		G0/110
BVH	(80°-90°)	2.5	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°	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
2.5°	23.0	23.0	23.0	23.0	22.6	22.6	22.1	22.1	21.7	21.7
5°	24.3	24.3	23.9	23.4	23.4	23.0	22.6	22.1	22.1	21.7
7.5°	26.5	26.0	25.6	25.2	24.3	23.9	23.0	22.6	22.1	21.3
10°	29.1	28.2	27.3	26.5	25.6	24.7	23.9	23.4	22.6	22.1
12.5°	32.5	31.2	29.5	28.2	27.3	26.0	25.2	24.3	23.0	22.1
15°	35.6	33.8	31.7	29.9	28.6	26.9	25.6	24.3	23.4	22.1
17.5°	39.9	36.9	33.4	31.2	29.5	27.3	25.2	23.9	22.6	20.8
20°	47.3	41.2	34.7	32.1	29.5	26.9	24.3	22.6	21.3	19.5
22.5°	59.0	48.6	38.2	34.3	30.8	26.9	23.4	21.7	20.0	18.2
25°	81.5	62.9	44.2	39.0	33.8	28.6	23.4	21.3	19.5	17.4
27.5°	108.4	80.7	52.5	45.1	38.2	30.8	23.4	20.8	18.7	16.0
30°	135.8	98.9	61.6	52.1	42.5	33.0	23.4	20.4	17.8	14.7
32.5°	161.8	115.8	69.4	58.1	46.8	35.1	23.9	20.4	16.9	13.4
35°	188.3	129.7	70.7	59.0	47.3	35.1	23.4	19.5	16.0	12.1
37.5°	222.1	145.3	68.1	56.4	45.1	33.4	22.1	18.7	15.2	11.3
40°	273.3	171.3	69.4	57.3	45.1	33.0	20.8	17.4	14.3	10.8
42.5°	367.8	221.7	75.0	61.2	47.3	33.0	19.1	16.0	13.4	10.4
45°	635.9	368.3	100.6	79.8	59.0	38.2	17.4	14.7	12.6	10.0
47.5°	1051.9	616.4	180.9	139.7	98.9	57.7	16.9	14.7	12.6	10.0
50°	1342.5	785.1	227.7	175.2	122.8	70.3	17.8	15.2	13.0	10.4
52.5°	1340.3	797.3	253.8	194.8	136.2	77.2	18.7	16.0	13.9	11.3
55°	1191.6	725.3	258.5	198.7	139.2	79.4	20.0	17.4	14.7	12.1
57.5°	995.9	615.9	236.0	182.6	129.7	76.3	23.0	20.0	17.4	14.3
60°	787.7	485.8	183.9	145.3	107.1	68.5	30.4	26.5	23.0	19.1
62.5°	543.9	352.2	160.5	128.8	97.6	65.9	34.7	30.8	27.3	23.4
65°	384.8	265.0	144.9	118.0	91.5	64.6	37.7	33.4	29.5	25.2
67.5°	287.6	210.8	133.6	110.6	87.6	64.6	41.6	36.4	31.7	26.5
70°	220.4	173.1	125.4	106.7	88.5	69.8	51.2	43.8	36.9	29.5
72.5°	179.6	147.9	115.8	102.4	88.9	75.5	62.0	52.5	42.9	33.0
75°	148.8	126.7	104.5	93.3	82.4	71.1	59.9	51.2	42.9	34.3
77.5°	98.9	90.2	81.1	74.6	68.1	61.2	54.7	47.3	40.3	33.0
80°	34.7	33.4	32.1	34.7	37.3	39.9	42.5	37.3	32.5	27.3
82.5°	5.2	4.8	4.3	4.8	5.2	5.6	6.1	6.5	6.9	7.4
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°	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
0.0	2.5°	21.3	21.3	20.8	20.8	20.8	20.4	20.4	20.0	20.0	20.0
0.0	5°	20.8	20.8	20.4	20.0	19.5	19.5	19.1	18.7	18.7	18.2
0.0	7.5°	20.4	20.0	19.5	19.1	18.7	18.2	17.8	17.4	17.4	16.9
0.0	10°	20.8	20.0	19.5	18.7	18.2	17.8	16.9	16.5	16.0	16.0
0.0	12.5°	20.0	19.5	18.7	17.8	17.4	16.5	16.0	15.2	14.7	14.7
0.0	15°	20.0	19.1	17.8	16.9	16.0	15.6	14.7	13.9	13.4	13.0
0.0	17.5°	18.7	17.8	16.5	15.6	14.7	13.9	13.0	12.1	11.7	11.3
0.0	20°	16.9	16.0	14.7	13.4	12.6	11.7	10.8	10.0	9.5	9.1
0.0	22.5°	15.2	14.3	13.0	11.7	10.8	10.0	8.7	7.8	7.4	6.5
0.0	25°	14.3	13.0	11.7	10.4	9.1	8.2	6.9	5.6	4.8	3.9
0.0	27.5°	12.1	10.8	9.5	8.2	6.9	5.6	4.3	3.0	2.2	1.7
0.0	30°	10.4	9.1	7.8	6.5	4.8	3.5	2.2	0.4	0.4	0.4
0.0	32.5°	8.7	7.4	5.6	4.3	3.5	2.2	1.3	0.0	0.0	0.0
0.0	35°	6.9	5.6	3.9	2.6	2.2	1.3	0.9	0.0	0.0	0.0
0.0	37.5°	6.1	4.8	3.0	1.3	0.9	0.9	0.4	0.0	0.0	0.0
0.0	40°	5.6	3.9	2.2	0.4	0.4	0.4	0.0	0.0	0.0	0.0
0.0	42.5°	5.6	3.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	5.6	3.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	5.6	3.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	6.1	4.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	6.9	5.2	3.5	1.7	1.3	0.9	0.4	0.0	0.0	0.0
0.0	55°	8.7	7.8	6.5	5.6	4.3	3.0	1.3	0.0	0.0	0.0
0.0	57.5°	11.3	11.3	10.8	10.4	7.8	5.2	2.6	0.0	0.0	0.0
0.0	60°	15.2	15.2	15.2	15.2	11.3	7.8	3.9	0.0	0.0	0.0
0.0	62.5°	18.7	17.8	16.5	15.6	11.7	7.8	3.9	0.0	0.0	0.0
0.0	65°	18.7	16.9	14.7	12.6	9.5	6.5	3.0	0.0	0.0	0.0
0.0	67.5°	17.4	13.9	10.0	6.5	4.8	3.5	1.7	0.0	0.0	0.0
	70°	17.4	12.1	6.9	1.7	1.3	0.9	0.4	0.0	0.0	0.0
	72.5°	17.4	11.7	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	19.1	13.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	19.1	13.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	16.9	11.3	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	5.6	3.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]



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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
0.0	2.5°	19.5	19.5	19.5	19.1	19.1	19.1	19.1	18.7	18.7	18.7
0.0	5°	17.8	17.8	17.4	17.4	16.9	16.9	16.5	16.5	16.0	16.0
0.0	7.5°	16.5	16.0	16.0	15.6	15.2	15.2	14.7	14.7	14.3	13.9
0.0	10°	15.2	14.7	14.7	14.3	13.9	13.4	13.4	13.0	12.6	12.1
0.0	12.5°	13.9	13.4	13.0	12.6	12.1	11.7	11.7	11.3	10.8	10.4
0.0	15°	12.1	11.7	11.3	10.8	10.4	10.0	10.0	9.5	9.1	8.7
0.0	17.5°	10.4	10.0	10.0	9.5	9.1	8.7	8.2	7.4	6.9	6.5
0.0	20°	7.8	7.4	6.9	6.5	6.1	5.2	4.8	3.9	3.0	2.6
0.0	22.5°	5.2	4.3	3.9	3.0	2.2	1.7	1.3	0.4	0.0	0.0
0.0	25°	1.7	1.3	0.9	0.4	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-SA2A-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049105

CATALOG NUMBER: GALN-SA2A-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°	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
0.0	2.5°	18.2	18.2	18.2	17.8	17.8	17.8	17.8	17.8	17.8	17.8
0.0	5°	15.6	15.6	15.6	15.2	15.2	14.7	14.7	14.7	14.3	14.3
0.0	7.5°	13.4	13.0	13.0	12.6	12.6	12.1	12.1	12.1	11.7	11.7
0.0	10°	11.3	10.8	10.8	10.4	10.4	10.0	10.0	9.5	9.5	9.1
0.0	12.5°	10.0	9.5	9.1	8.7	8.7	8.2	7.8	7.8	7.4	6.9
0.0	15°	7.8	7.4	6.9	6.5	6.1	5.6	5.2	5.2	4.8	4.3
0.0	17.5°	5.2	4.3	3.9	3.5	3.5	3.0	2.6	2.2	1.7	1.3
0.0	20°	1.3	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049105

CATALOG NUMBER: GALN-SA2A-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049105

CATALOG NUMBER: GALN-SA2A-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°	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
0.0	2.5°	17.8	17.4	17.4	17.4	17.8	17.8	17.8	17.8	17.8	17.8
0.0	5°	14.3	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
0.0	7.5°	11.7	11.3	11.3	11.3	11.3	10.8	10.8	10.8	10.8	10.8
0.0	10°	9.1	8.7	8.7	8.7	8.7	8.2	8.2	8.2	8.2	8.2
0.0	12.5°	6.5	6.5	6.1	6.1	6.1	5.6	5.6	5.6	5.6	5.2
0.0	15°	3.9	3.5	3.0	3.0	3.0	2.6	2.6	2.6	2.6	2.2
0.0	17.5°	0.9	0.9	0.4	0.4	0.4	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



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049105

CATALOG NUMBER: GALN-SA2A-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°	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
0.0	2.5°	18.2	18.2	18.7	18.7	19.1	20.0	20.4	20.8	21.7	22.6
0.0	5°	14.3	14.7	14.7	15.2	15.6	16.0	16.5	16.9	17.8	18.7
0.0	7.5°	11.3	11.3	11.7	11.7	12.1	13.0	13.4	13.9	14.7	16.0
0.0	10°	8.7	8.7	9.1	9.1	9.5	10.4	10.8	11.3	12.1	13.4
0.0	12.5°	5.6	6.1	6.1	6.5	6.9	7.8	8.2	8.7	9.5	10.4
0.0	15°	2.6	3.0	3.0	3.5	3.9	4.8	5.2	5.6	6.5	7.8
0.0	17.5°	0.4	0.4	0.9	0.9	1.3	1.7	2.2	2.6	3.9	4.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.7
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
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: P1049105

CATALOG NUMBER: GALN-SA2A-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°	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
0.0	2.5°	23.9	24.7	25.6	26.5	27.3	28.2	28.6	29.5	29.9	30.4
0.0	5°	20.4	21.3	22.6	23.4	24.3	25.2	26.0	26.5	26.9	27.3
0.0	7.5°	17.8	18.7	20.0	20.8	21.7	22.6	23.4	24.3	24.7	25.2
0.0	10°	15.2	16.5	17.4	18.7	19.5	20.4	21.3	22.1	23.0	23.4
0.0	12.5°	12.1	13.4	14.7	15.6	16.9	18.2	19.1	20.0	20.8	21.7
0.0	15°	9.5	10.8	12.1	13.0	14.3	15.6	16.9	17.8	18.7	19.5
0.0	17.5°	6.9	8.2	9.5	10.4	11.7	13.0	13.9	15.2	16.0	16.9
0.0	20°	3.5	4.8	6.1	7.4	8.7	10.0	10.8	12.1	13.0	13.9
0.0	22.5°	0.4	1.7	3.0	3.9	5.2	6.5	7.4	8.7	9.5	10.4
0.0	25°	0.0	0.4	1.3	1.7	2.2	3.0	3.9	4.8	5.6	6.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.7	2.6	3.5
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
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	0.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.9
	85°	0.0	0.0	0.0	0.0	0.0	0.9	1.3	2.2	2.6	3.0
	87.5°	0.0	0.4	0.9	1.3	1.7	2.6	3.5	4.3	4.8	5.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049105

CATALOG NUMBER: GALN-SA2A-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
25.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	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											
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REPORT NUMBER: P1049105

CATALOG NUMBER: GALN-SA2A-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°	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
0.0	2.5°	30.8	30.8	30.8	30.8	30.4	30.4	30.4	29.9	29.9	29.5
0.0	5°	28.2	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.2	28.2
0.0	7.5°	26.0	26.5	26.9	26.9	27.3	27.3	27.3	26.9	26.9	26.5
0.0	10°	24.7	25.2	25.2	25.6	25.6	25.6	25.6	25.6	25.6	25.6
0.0	12.5°	23.0	23.4	23.9	23.9	24.3	24.3	24.3	24.3	23.9	23.9
0.0	15°	20.8	21.7	22.1	22.6	22.6	23.0	23.0	23.0	23.0	23.0
0.0	17.5°	19.1	20.0	20.4	20.8	20.8	21.3	21.3	21.7	21.7	21.7
0.0	20°	15.6	16.5	16.9	17.8	18.2	18.7	19.1	19.5	19.5	20.0
0.0	22.5°	12.1	13.0	13.4	14.3	14.7	15.2	15.6	16.0	16.5	16.9
0.0	25°	8.7	9.5	10.0	10.8	11.3	11.7	12.1	12.6	12.6	13.0
0.0	27.5°	4.8	5.6	6.5	6.9	7.8	8.2	8.7	9.1	9.5	10.0
0.0	30°	2.2	2.6	3.0	3.9	4.3	4.8	5.2	6.1	6.5	6.9
0.0	32.5°	0.0	0.0	0.4	1.3	1.7	2.2	2.6	3.0	3.0	3.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.3	1.7
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.9	0.9	0.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	82.5°	2.2	2.6	3.0	3.0	3.5	3.5	3.5	3.5	3.0	3.0
	85°	4.3	4.8	5.2	5.2	5.6	5.6	5.6	5.6	5.6	5.6
	87.5°	6.1	6.5	6.9	6.9	7.4	7.4	7.4	7.4	7.4	7.4
	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: P1049105

CATALOG NUMBER: GALN-SA2A-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
25.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	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
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REPORT NUMBER: P1049105

CATALOG NUMBER: GALN-SA2A-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°	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
0.0	2.5°	29.1	29.1	28.6	28.6	28.6	28.6	28.6	29.1	29.5	29.5
0.0	5°	27.8	27.8	27.3	27.3	27.3	27.8	27.8	28.2	28.6	29.1
0.0	7.5°	26.5	26.0	26.0	26.5	26.5	26.9	26.9	27.3	27.8	28.2
0.0	10°	25.6	25.2	25.2	25.2	25.6	25.6	26.0	26.5	26.9	27.3
0.0	12.5°	23.9	23.9	23.9	23.9	24.3	24.3	24.7	25.2	26.0	26.5
0.0	15°	23.0	22.6	22.6	22.6	22.6	23.0	23.0	23.9	24.7	25.2
0.0	17.5°	21.3	21.3	20.8	20.8	21.3	21.3	21.7	22.6	23.4	23.9
0.0	20°	19.5	19.1	18.7	18.7	19.1	19.1	19.5	20.4	21.3	21.7
0.0	22.5°	16.9	16.5	16.5	16.5	16.5	16.9	16.9	17.8	19.1	20.0
0.0	25°	13.4	13.9	13.9	14.3	14.3	14.7	15.2	16.0	17.4	18.2
0.0	27.5°	10.4	10.8	10.8	11.7	12.1	12.6	13.0	14.3	15.6	16.5
0.0	30°	7.8	8.2	8.7	9.1	10.0	10.8	11.7	13.0	14.3	15.2
0.0	32.5°	4.8	5.6	6.1	6.9	7.8	8.7	9.5	10.8	12.6	13.9
0.0	35°	3.5	3.9	4.8	5.2	6.1	6.9	7.8	9.5	10.8	12.6
0.0	37.5°	1.7	2.6	3.5	4.3	5.2	6.1	6.9	8.7	10.4	11.7
0.0	40°	1.3	2.2	2.6	3.5	4.8	5.6	6.5	8.2	10.0	11.7
0.0	42.5°	0.9	1.3	1.7	3.0	3.9	5.2	6.5	8.2	10.0	11.7
0.0	45°	0.9	0.9	1.3	2.6	3.9	5.6	6.9	8.7	10.0	11.7
0.0	47.5°	0.9	1.3	1.7	3.5	4.3	5.6	6.9	8.2	10.0	11.3
0.0	50°	1.3	1.7	2.2	3.9	4.8	6.1	6.9	8.7	10.0	11.7
0.0	52.5°	0.9	1.3	1.7	3.5	4.8	6.5	7.8	9.5	11.3	12.6
0.0	55°	0.4	0.4	0.4	2.6	5.2	7.4	10.0	11.3	13.0	14.3
0.0	57.5°	0.0	0.0	0.0	1.7	5.2	8.2	11.3	13.0	14.7	16.0
0.0	60°	0.0	0.0	0.0	1.7	5.2	8.2	11.3	13.4	15.6	17.8
0.0	62.5°	0.0	0.0	0.0	1.7	4.3	6.9	9.5	13.0	16.9	20.4
0.0	65°	0.0	0.0	0.0	1.3	3.5	5.6	7.8	13.0	18.2	23.0
0.0	67.5°	0.0	0.0	0.0	1.3	3.5	5.2	7.4	13.0	18.2	23.9
	70°	0.0	0.0	0.0	1.3	3.5	5.6	7.8	13.0	18.2	23.4
	72.5°	0.0	0.0	0.0	1.3	3.9	6.1	8.7	13.0	17.4	21.7
	75°	0.0	0.0	0.0	1.7	3.9	6.5	9.1	13.0	16.9	20.4
	77.5°	0.0	0.0	0.0	1.3	3.9	6.1	8.7	12.6	16.5	20.0
	80°	1.3	0.9	0.9	2.2	3.9	5.6	7.4	11.3	15.6	19.5
	82.5°	2.6	2.6	2.2	3.0	3.9	5.2	6.5	10.0	13.9	17.4
	85°	5.2	5.2	4.8	5.2	5.2	5.6	6.1	7.8	9.5	11.3
	87.5°	6.9	6.9	6.5	6.5	6.5	6.1	6.1	6.1	6.1	5.6
	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: P1049105

CATALOG NUMBER: GALN-SA2A-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
25.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.6											
26.0											
24.3											
23.9											
23.4											
20.8											
13.0											
5.6											
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REPORT NUMBER: P1049105

CATALOG NUMBER: GALN-SA2A-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°	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
0.0	2.5°	30.4	30.8	30.8	31.2	31.7	32.1	32.1	32.5	32.5	32.5
0.0	5°	29.9	30.8	31.2	31.7	32.1	32.5	33.0	33.4	33.8	33.8
0.0	7.5°	29.5	29.9	30.8	31.2	32.1	32.5	33.4	33.8	34.3	34.7
0.0	10°	28.6	29.5	30.4	31.2	32.1	33.0	33.8	34.7	35.6	36.0
0.0	12.5°	27.8	29.1	29.9	30.8	32.1	33.4	34.3	35.6	36.4	37.3
0.0	15°	27.3	28.2	29.5	30.4	32.1	33.8	35.1	36.9	38.6	39.9
0.0	17.5°	26.0	27.8	29.1	30.4	32.1	34.3	36.0	37.7	40.3	42.9
0.0	20°	24.3	25.6	27.3	28.6	31.2	33.4	36.0	38.2	42.1	46.0
0.0	22.5°	22.6	24.3	25.6	27.3	30.4	33.0	36.0	38.6	45.1	51.2
0.0	25°	20.8	23.0	24.7	26.5	29.9	33.4	36.9	40.3	51.2	62.0
0.0	27.5°	20.0	21.7	23.9	25.6	29.9	34.7	39.0	43.4	60.7	77.6
0.0	30°	18.7	20.8	22.6	24.7	30.4	36.0	41.6	47.3	73.7	100.2
0.0	32.5°	17.4	19.5	21.7	23.9	31.2	38.6	45.5	52.9	87.6	121.9
0.0	35°	16.0	18.7	20.8	23.0	32.5	42.5	52.1	61.6	100.2	138.4
0.0	37.5°	15.6	18.2	20.4	22.6	33.0	42.9	53.4	63.3	101.5	139.7
0.0	40°	16.0	18.2	20.8	23.0	31.7	40.3	48.6	57.3	97.2	136.6
0.0	42.5°	16.0	18.7	21.3	23.9	30.8	37.7	44.7	51.6	95.9	140.1
0.0	45°	15.6	18.2	20.8	23.4	29.9	36.0	42.5	48.6	103.7	158.3
0.0	47.5°	15.2	17.8	20.4	23.0	29.5	36.0	42.5	49.0	134.0	218.6
0.0	50°	15.2	17.8	20.0	22.1	29.9	38.2	46.0	53.8	195.2	336.2
0.0	52.5°	16.0	18.2	20.0	21.7	30.8	40.3	49.4	58.6	248.1	437.2
0.0	55°	17.4	18.7	20.4	21.7	33.0	43.8	55.1	65.9	264.2	462.4
0.0	57.5°	19.1	20.4	21.7	23.0	36.9	50.8	64.2	78.1	265.5	452.4
0.0	60°	21.3	23.0	24.3	25.6	40.3	55.5	70.3	85.0	240.3	395.2
0.0	62.5°	26.0	28.2	29.9	32.1	46.4	60.3	74.6	88.5	199.5	310.6
0.0	65°	29.9	31.7	33.4	35.1	49.0	63.3	77.2	91.1	169.2	247.2
0.0	67.5°	30.8	32.5	33.8	35.6	49.9	64.2	78.1	92.4	144.9	196.9
	70°	31.2	33.4	36.0	38.2	52.9	67.7	82.0	96.7	128.4	160.1
	72.5°	29.9	34.3	38.2	42.1	56.0	69.4	83.3	96.7	119.3	141.8
	75°	29.9	36.0	41.6	47.3	57.7	67.7	78.1	88.1	105.4	122.8
	77.5°	31.7	39.5	47.3	55.1	61.2	66.8	72.9	78.5	89.8	101.1
	80°	31.7	39.9	47.7	56.0	58.6	61.6	64.2	66.8	68.1	69.4
	82.5°	27.3	33.8	40.3	46.8	43.8	40.8	37.7	34.7	32.5	29.9
	85°	13.9	15.2	16.0	16.9	15.6	14.3	13.0	11.7	10.8	9.5
	87.5°	5.6	5.6	5.2	5.2	5.2	5.2	4.8	4.8	4.8	4.8
	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: P1049105

CATALOG NUMBER: GALN-SA2A-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
25.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
217.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
246.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
268.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
291.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
334.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
421.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
642.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
983.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1238.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1266.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1142.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
976.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
763.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
576.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
426.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
301.5											
224.3											
163.1											
122.8											
69.0											
31.2											
9.1											
4.3											
0.0											
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REPORT NUMBER: P1049105

CATALOG NUMBER: GALN-SA2A-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°	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
0.0	2.5°	32.5	32.1	32.1	31.7	31.2	30.8	30.4	29.9	29.5	29.1
0.0	5°	33.8	33.8	33.8	33.4	33.4	33.0	33.0	32.5	32.1	31.7
0.0	7.5°	35.1	35.6	35.6	36.0	36.0	36.0	36.0	35.6	35.6	35.6
0.0	10°	37.3	37.7	38.2	38.6	39.0	39.5	39.5	39.9	39.9	39.9
0.0	12.5°	39.9	41.2	42.1	43.4	44.2	45.5	46.4	47.7	48.6	49.4
0.0	15°	43.8	46.0	48.6	50.8	52.9	56.0	59.4	62.5	65.5	70.3
0.0	17.5°	49.4	56.4	63.3	69.8	76.8	92.0	107.1	121.9	137.1	159.2
0.0	20°	60.3	81.1	101.5	122.3	142.7	196.1	249.0	302.3	355.3	412.1
0.0	22.5°	84.6	135.8	187.0	238.1	289.3	400.8	511.8	623.3	734.4	864.9
0.0	25°	122.8	216.9	311.0	404.7	498.8	673.2	848.0	1022.4	1196.8	1366.4
0.0	27.5°	178.7	322.7	466.7	610.3	754.3	990.7	1227.6	1464.0	1700.4	1892.1
0.0	30°	247.7	442.9	638.1	833.3	1028.5	1297.4	1566.3	1834.8	2103.8	2313.3
0.0	32.5°	312.7	551.8	790.8	1029.3	1268.3	1574.6	1881.2	2187.5	2493.7	2722.8
0.0	35°	355.3	644.1	933.5	1222.4	1511.2	1842.6	2174.0	2505.0	2836.4	3098.0
0.0	37.5°	397.8	731.3	1064.5	1398.0	1731.2	2095.1	2459.0	2823.0	3186.9	3510.0
0.0	40°	445.5	836.7	1227.6	1618.8	2009.6	2440.8	2871.5	3302.7	3733.4	4189.3
0.0	42.5°	528.3	1011.5	1495.2	1978.4	2461.6	3032.0	3602.4	4172.4	4742.8	5393.4
0.0	45°	684.0	1365.1	2046.5	2727.5	3408.5	4164.2	4920.2	5675.8	6431.5	7297.2
0.0	47.5°	1065.3	2002.3	2938.8	3875.7	4812.2	5628.1	6443.6	7259.5	8075.0	8937.3
0.0	50°	1630.1	2720.6	3811.1	4901.1	5991.6	6729.9	7467.7	8206.0	8943.8	9764.1
0.0	52.5°	2038.7	3174.7	4311.2	5447.2	6583.3	7249.5	7916.2	8582.5	9248.8	10015.2
0.0	55°	2069.5	3199.0	4329.0	5458.5	6588.0	7257.3	7926.6	8595.9	9265.2	10077.7
0.0	57.5°	1832.2	2952.6	4072.6	5193.0	6313.0	7075.2	7836.9	8599.0	9360.7	10239.1
0.0	60°	1558.5	2679.4	3799.8	4920.6	6041.1	6919.0	7797.4	8675.3	9553.3	10376.1
0.0	62.5°	1215.8	2368.8	3522.2	4675.1	5828.1	6719.5	7610.9	8501.8	9393.2	10010.5
0.0	65°	906.1	2025.7	3145.2	4264.4	5383.9	6097.9	6811.9	7525.4	8239.4	8621.5
0.0	67.5°	655.0	1620.6	2585.7	3551.2	4516.4	5027.4	5538.3	6048.9	6559.8	6852.2
	70°	442.9	1111.7	1780.2	2449.0	3117.5	3537.4	3957.7	4377.6	4797.5	5192.2
	72.5°	306.7	682.3	1058.4	1434.0	1809.7	2232.2	2654.2	3076.7	3498.8	3916.5
	75°	203.4	374.3	545.7	716.6	887.5	1200.2	1513.4	1826.2	2138.9	2387.9
	77.5°	144.4	195.6	247.2	298.4	349.6	408.2	467.2	525.7	584.3	673.2
	80°	68.5	75.0	81.5	87.6	94.1	115.4	136.6	157.9	179.1	201.7
	82.5°	32.5	35.1	37.7	39.9	42.5	44.7	46.8	49.0	51.2	49.0
	85°	8.7	8.7	9.1	9.1	9.1	9.1	9.1	9.1	9.1	8.7
	87.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.5	3.5	3.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
25.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
469.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
995.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1536.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2083.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2523.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2952.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3359.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3833.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4645.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6044.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8163.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9799.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10584.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10781.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10890.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11117.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11198.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10628.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9004.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7145.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5586.5											
4334.2											
2636.9											
762.1											
224.3											
46.4											
8.2											
3.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											

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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
0.0	2.5°	28.2	27.8	27.3	26.9	26.5	25.6	25.6	25.2	25.2
0.0	5°	30.8	30.4	29.9	29.5	29.5	29.1	28.6	28.6	28.2
0.0	7.5°	35.1	34.7	34.3	33.8	33.8	33.4	33.4	33.0	33.0
0.0	10°	40.3	40.3	40.3	40.3	40.3	39.9	39.9	39.9	39.5
0.0	12.5°	50.8	51.2	52.1	52.9	54.2	54.2	54.2	53.8	53.8
0.0	15°	80.2	85.0	88.5	92.0	95.0	101.9	101.1	99.8	98.9
0.0	17.5°	203.0	224.7	236.4	247.7	259.4	291.5	286.3	281.1	276.3
0.0	20°	526.2	583.0	620.7	658.5	696.6	756.9	742.2	727.4	712.7
0.0	22.5°	1125.6	1256.2	1313.0	1369.8	1426.2	1499.1	1451.8	1404.5	1357.7
0.0	25°	1705.1	1874.7	1970.6	2066.5	2161.9	2203.5	2141.9	2079.9	2018.3
0.0	27.5°	2275.5	2467.3	2551.8	2636.0	2720.6	2807.8	2731.4	2654.6	2578.3
0.0	30°	2732.7	2942.2	3033.8	3124.9	3216.4	3277.1	3198.2	3118.8	3039.8
0.0	32.5°	3181.2	3410.3	3510.5	3610.7	3710.4	3797.6	3700.5	3602.9	3505.7
0.0	35°	3620.6	3882.2	4020.1	4158.1	4296.0	4377.1	4261.8	4145.9	4030.6
0.0	37.5°	4156.8	4479.9	4634.4	4788.8	4943.2	5091.1	4964.0	4836.5	4709.4
0.0	40°	5101.1	5557.0	5793.8	6031.1	6267.9	6458.8	6298.3	6137.8	5977.3
0.0	42.5°	6694.7	7345.4	7685.9	8026.0	8366.5	8664.5	8495.7	8327.0	8158.3
0.0	45°	9028.8	9894.6	10309.8	10724.4	11139.6	11357.3	11114.4	10871.0	10628.1
0.0	47.5°	10661.5	11523.9	11893.4	12263.0	12632.6	12881.1	12584.0	12286.9	11990.2
0.0	50°	11404.1	12224.4	12595.3	12965.7	13336.6	13533.9	13190.8	12847.3	12504.2
0.0	52.5°	11547.7	12314.2	12756.6	13199.5	13641.9	13905.7	13500.5	13095.0	12689.8
0.0	55°	11703.0	12515.5	13028.6	13542.2	14055.3	14420.6	13962.5	13504.0	13046.0
0.0	57.5°	11995.4	12873.7	13385.6	13897.0	14408.8	14719.0	14259.6	13799.8	13340.5
0.0	60°	12021.4	12843.8	13283.7	13723.9	14163.8	14359.0	13919.6	13479.7	13040.3
0.0	62.5°	11245.4	11862.6	12168.0	12473.4	12778.8	12990.9	12532.4	12073.4	11615.0
0.0	65°	9386.3	9768.4	10011.8	10255.1	10498.4	10751.3	10331.4	9911.6	9491.7
0.0	67.5°	7437.4	7729.7	8050.3	8370.8	8691.4	8961.6	8625.4	8288.8	7952.7
	70°	5981.2	6375.5	6736.0	7096.4	7456.9	7678.1	7340.6	7002.7	6665.3
	72.5°	4751.9	5169.6	5470.7	5771.3	6072.3	6126.5	5878.4	5630.3	5382.6
	75°	2885.4	3134.4	3140.5	3146.1	3152.2	3203.8	2998.2	2792.6	2587.4
	77.5°	851.0	940.0	1013.3	1086.2	1159.5	1247.9	1172.5	1096.6	1021.1
	80°	246.4	268.9	288.0	306.7	325.8	314.5	296.7	278.9	261.1
	82.5°	44.2	41.6	41.2	40.8	40.8	38.6	35.1	31.7	28.2
	85°	7.8	7.4	6.9	6.5	6.1	5.6	4.8	4.3	3.5
	87.5°	2.6	2.2	1.7	1.3	1.3	0.4	0.4	0.4	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: P1049105

CATALOG NUMBER: GALN-SA2A-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°	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
0.0	0.0	2.5°	24.7	24.3	24.3	24.3	24.3	23.9	23.9	23.9	23.9
0.0	0.0	5°	27.3	27.3	26.9	26.9	26.5	26.5	26.0	26.0	25.6
0.0	0.0	7.5°	32.1	31.7	31.2	30.8	30.4	29.5	29.1	28.6	28.6
0.0	0.0	10°	38.6	37.7	37.3	36.4	36.0	35.1	34.3	33.4	32.5
0.0	0.0	12.5°	50.8	49.0	47.7	46.0	44.2	42.9	41.2	39.9	38.2
0.0	0.0	15°	88.1	83.7	78.9	73.3	67.2	61.6	55.5	52.1	48.1
0.0	0.0	17.5°	225.1	202.6	179.6	160.9	142.3	124.1	105.4	92.0	78.5
0.0	0.0	20°	573.0	510.5	448.1	386.5	324.5	262.9	200.8	169.6	138.4
0.0	0.0	22.5°	1078.3	962.5	846.3	733.9	621.2	508.8	396.5	325.8	255.5
0.0	0.0	25°	1664.4	1518.6	1372.9	1188.1	1002.9	818.1	633.3	518.4	403.4
0.0	0.0	27.5°	2165.8	1997.9	1830.1	1605.4	1380.7	1156.0	931.3	760.0	589.1
0.0	0.0	30°	2600.0	2419.5	2239.1	1977.5	1716.0	1454.4	1192.9	978.6	764.3
0.0	0.0	32.5°	2976.5	2760.5	2544.5	2274.7	2004.9	1735.1	1465.3	1202.4	939.5
0.0	0.0	35°	3410.7	3158.7	2906.2	2606.9	2307.2	2007.9	1708.6	1411.9	1114.8
0.0	0.0	37.5°	3962.5	3653.2	3343.5	3009.9	2676.3	2343.2	2009.6	1670.4	1331.2
0.0	0.0	40°	5018.7	4619.6	4220.5	3796.8	3372.5	2948.7	2525.0	2108.5	1692.1
0.0	0.0	42.5°	6911.2	6372.0	5832.9	5269.0	4704.6	4140.7	3576.4	2989.1	2401.3
0.0	0.0	45°	9047.1	8378.2	7708.9	7076.0	6442.7	5809.9	5177.0	4371.1	3565.1
0.0	0.0	47.5°	10248.2	9525.9	8803.7	8204.7	7605.7	7006.6	6407.6	5538.8	4669.9
0.0	0.0	50°	10690.2	9954.9	9219.7	8668.4	8116.6	7565.3	7013.6	6143.4	5272.9
0.0	0.0	52.5°	10784.3	10034.3	9284.3	8729.5	8174.8	7620.4	7065.6	6201.1	5336.6
0.0	0.0	55°	10977.8	10173.1	9368.0	8735.6	8103.2	7470.8	6838.3	5959.9	5081.6
0.0	0.0	57.5°	11230.6	10405.6	9580.6	8860.1	8139.6	7419.6	6699.1	5738.7	4778.4
0.0	0.0	60°	11164.3	10446.4	9728.1	8956.4	8184.3	7412.6	6640.5	5584.3	4527.7
0.0	0.0	62.5°	10012.2	9440.5	8868.4	8233.8	7598.7	6964.1	6329.5	5242.1	4154.6
0.0	0.0	65°	8236.8	7819.5	7402.2	6891.7	6380.7	5870.2	5359.6	4384.5	3409.8
0.0	0.0	67.5°	6675.7	6205.5	5734.8	5328.0	4920.6	4513.8	4106.5	3339.1	2571.8
		70°	5303.7	4792.2	4280.4	3883.1	3485.3	3088.0	2690.7	2180.5	1670.9
		72.5°	4211.9	3750.8	3289.7	2865.9	2441.7	2017.9	1593.7	1292.2	990.7
		75°	2013.1	1828.8	1644.4	1422.8	1201.1	979.4	757.8	626.4	495.4
		77.5°	746.1	646.7	547.0	456.8	366.5	276.7	186.5	170.9	155.3
		80°	193.0	168.3	143.1	125.4	107.1	89.4	71.6	64.6	58.1
		82.5°	22.1	20.4	19.1	18.2	16.9	16.0	14.7	13.4	12.1
		85°	1.3	0.9	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: P1049105

CATALOG NUMBER: GALN-SA2A-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049105

CATALOG NUMBER: GALN-SA2A-827-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	25.2	25.2
0.0	0.0	2.5°	23.4	23.0
0.0	0.0	5°	24.7	24.3
0.0	0.0	7.5°	27.3	26.5
0.0	0.0	10°	29.9	29.1
0.0	0.0	12.5°	33.8	32.5
0.0	0.0	15°	38.2	35.6
0.0	0.0	17.5°	45.5	39.9
0.0	0.0	20°	61.6	47.3
0.0	0.0	22.5°	86.8	59.0
0.0	0.0	25°	127.5	81.5
0.0	0.0	27.5°	177.4	108.4
0.0	0.0	30°	236.0	135.8
0.0	0.0	32.5°	287.6	161.8
0.0	0.0	35°	354.8	188.3
0.0	0.0	37.5°	437.7	222.1
0.0	0.0	40°	566.1	273.3
0.0	0.0	42.5°	797.3	367.8
0.0	0.0	45°	1294.8	635.9
0.0	0.0	47.5°	1992.3	1051.9
0.0	0.0	50°	2437.3	1342.5
0.0	0.0	52.5°	2473.8	1340.3
0.0	0.0	55°	2258.2	1191.6
0.0	0.0	57.5°	1926.8	995.9
0.0	0.0	60°	1601.5	787.7
0.0	0.0	62.5°	1261.8	543.9
0.0	0.0	65°	922.2	384.8
0.0	0.0	67.5°	662.4	287.6
		70°	435.5	220.4
		72.5°	283.7	179.6
		75°	190.9	148.8
		77.5°	111.5	98.9
		80°	39.5	34.7
		82.5°	7.4	5.2
		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: P1049105

CATALOG NUMBER: GALN-SA2A-827-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: SP1-2407-184-8

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			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.2

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	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 $\text{W}^\wedge/\text{nm}$	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	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)