

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: P1049118

Luminaire Tested: **GALN-SA5B-827-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049118
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5B-827-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17469.9 lumens
Efficiency: N/A
Efficacy: 97.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 178.8
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

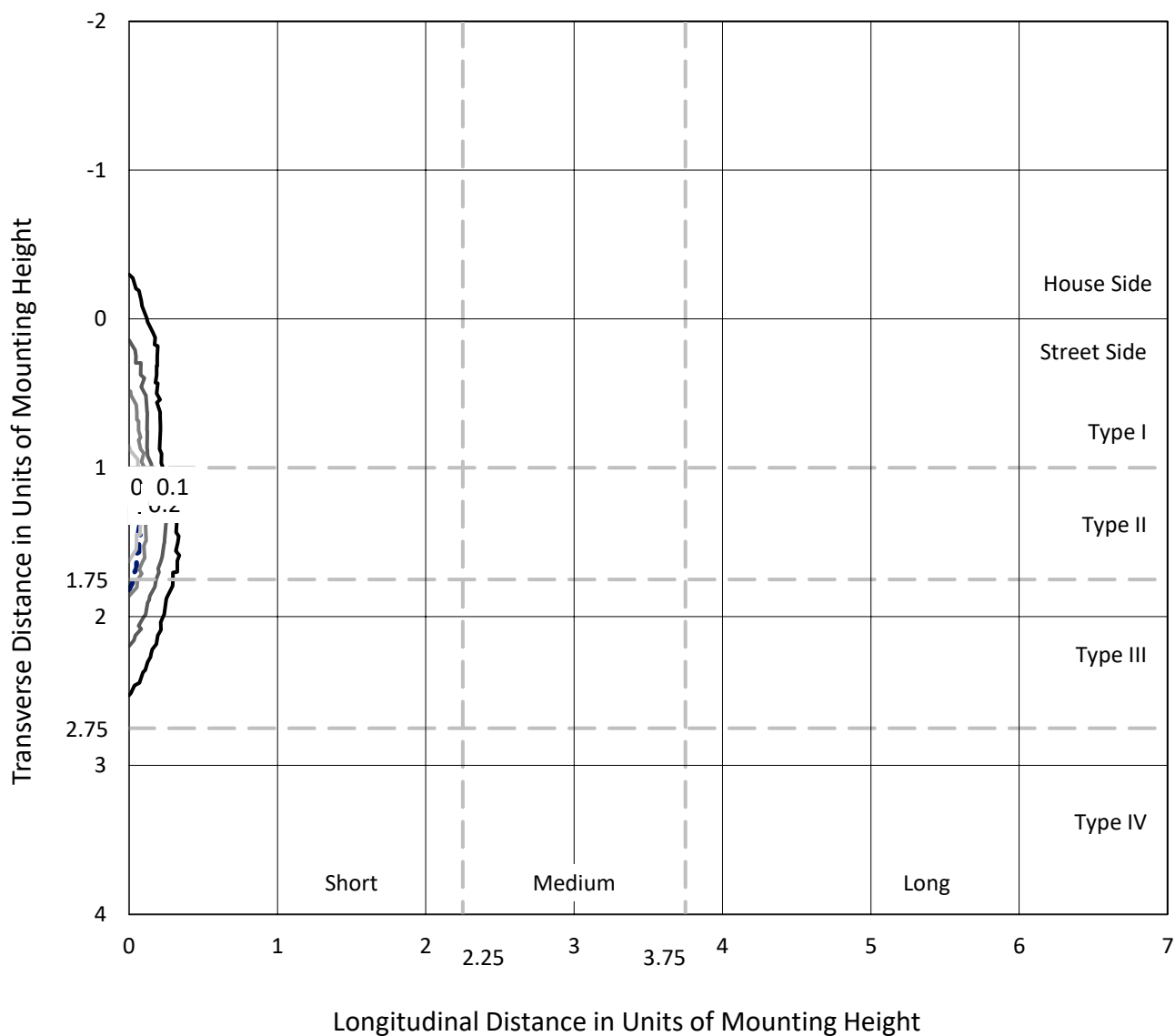
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

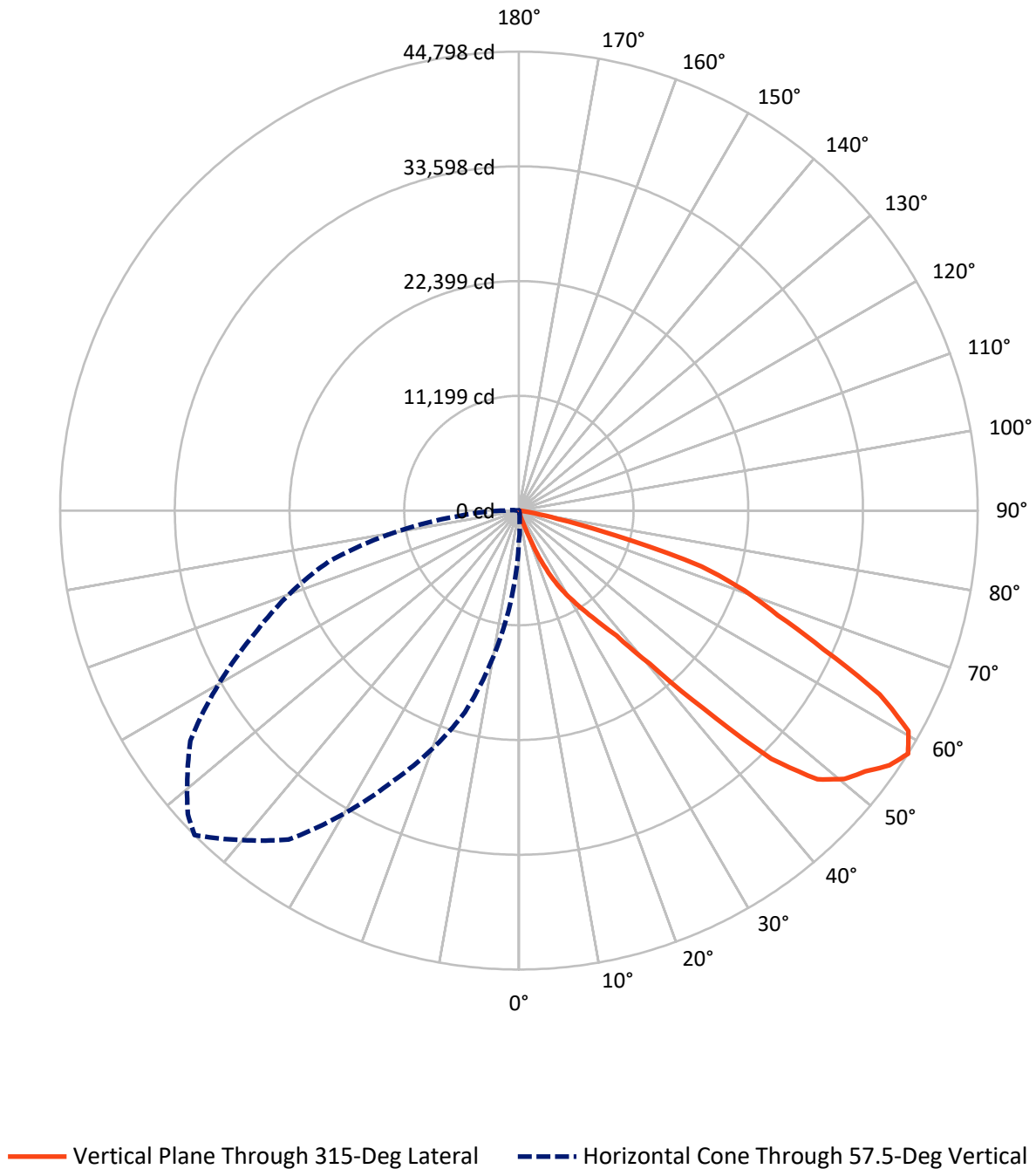


Based on 20 foot mounting height. Maximum calculated value = 2.6 fc

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	87.5	0.0	87.5
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	17382.5	0.0	17382.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	17469.9	0.0	17469.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.8	0.0
10°-20°	38.4	0.2
20°-30°	414.0	2.4
30°-40°	1224.3	7.0
40°-50°	3648.8	20.9
50°-60°	5785.6	33.1
60°-70°	4829.6	27.6
70°-80°	1489.3	8.5
80°-90°	33.1	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	17469.9	100.0
0°-180°	17469.9	100.0

Coefficient of Utilization



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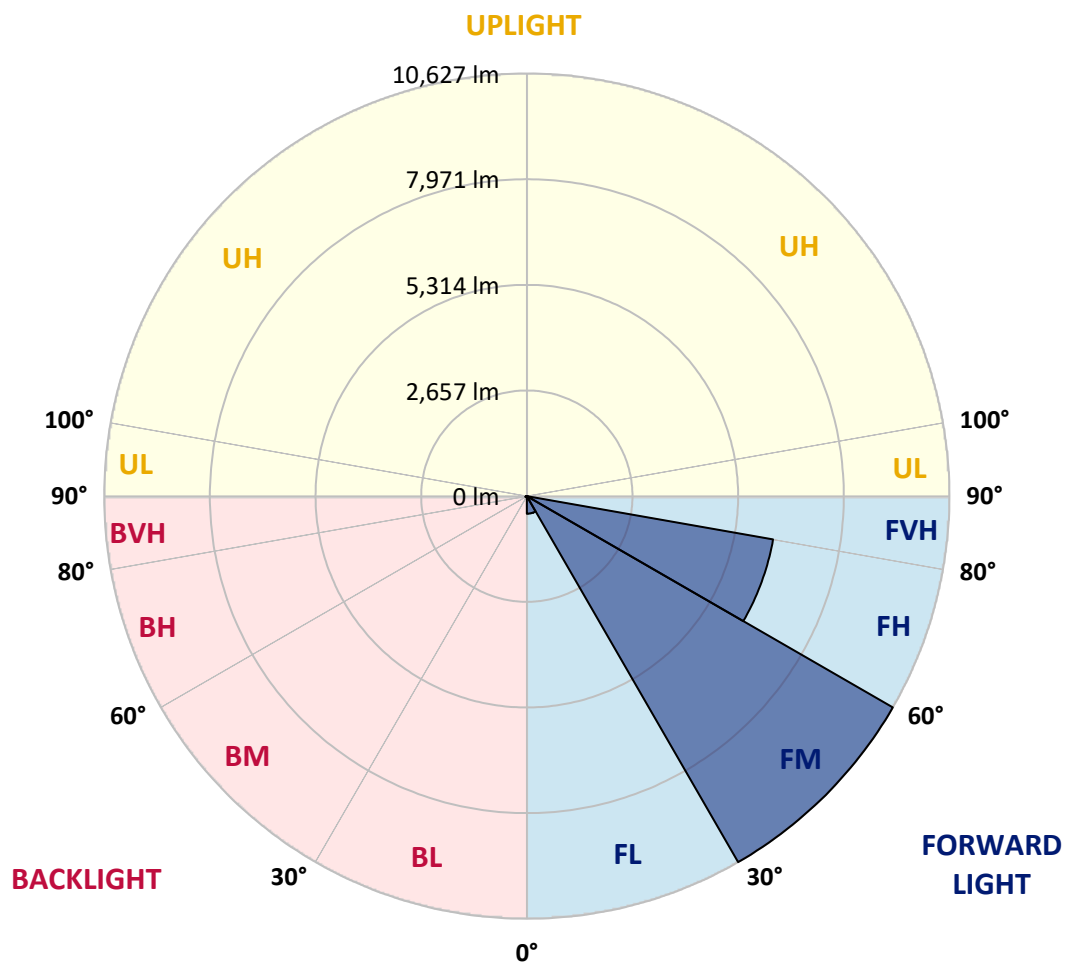
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	443.2	2.5			
FM	(30°-60°)	10627.4	60.8			
FH	(60°-80°)	6286.2	36.0			G3/7500
FVH	(80°-90°)	25.6	0.1			G1/100
BL	(0°-30°)	16.1	0.1	B0/110		
BM	(30°-60°)	31.3	0.2	B0/220		
BH	(60°-80°)	32.6	0.2	B0/110		G0/110
BVH	(80°-90°)	7.5	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-G3

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°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
2.5°	70.0	70.0	70.0	70.0	68.6	68.6	67.3	67.3	66.0	66.0
5°	73.9	73.9	72.6	71.3	71.3	70.0	68.6	67.3	67.3	66.0
7.5°	80.5	79.2	77.9	76.6	73.9	72.6	70.0	68.6	67.3	64.7
10°	88.5	85.8	83.2	80.5	77.9	75.3	72.6	71.3	68.6	67.3
12.5°	99.0	95.1	89.8	85.8	83.2	79.2	76.6	73.9	70.0	67.3
15°	108.3	103.0	96.4	91.1	87.1	81.9	77.9	73.9	71.3	67.3
17.5°	121.5	112.2	101.7	95.1	89.8	83.2	76.6	72.6	68.6	63.4
20°	143.9	125.4	105.6	97.7	89.8	81.9	73.9	68.6	64.7	59.4
22.5°	179.5	147.9	116.2	104.3	93.7	81.9	71.3	66.0	60.7	55.4
25°	248.2	191.4	134.7	118.8	103.0	87.1	71.3	64.7	59.4	52.8
27.5°	330.0	245.6	159.7	137.3	116.2	93.7	71.3	63.4	56.8	48.8
30°	413.2	301.0	187.5	158.4	129.4	100.3	71.3	62.0	54.1	44.9
32.5°	492.4	352.5	211.2	176.9	142.6	106.9	72.6	62.0	51.5	40.9
35°	573.0	394.7	215.2	179.5	143.9	106.9	71.3	59.4	48.8	37.0
37.5°	675.9	442.3	207.3	171.6	137.3	101.7	67.3	56.8	46.2	34.3
40°	831.7	521.5	211.2	174.3	137.3	100.3	63.4	52.8	43.6	33.0
42.5°	1119.5	674.6	228.4	186.1	143.9	100.3	58.1	48.8	40.9	31.7
45°	1935.4	1120.8	306.3	242.9	179.5	116.2	52.8	44.9	38.3	30.4
47.5°	3201.5	1876.0	550.5	425.1	301.0	175.6	51.5	44.9	38.3	30.4
50°	4086.0	2389.5	693.1	533.4	373.6	213.9	54.1	46.2	39.6	31.7
52.5°	4079.4	2426.5	772.3	592.8	414.5	235.0	56.8	48.8	42.2	34.3
55°	3626.6	2207.4	786.8	604.6	423.8	241.6	60.7	52.8	44.9	37.0
57.5°	3031.2	1874.7	718.2	555.8	394.7	232.4	70.0	60.7	52.8	43.6
60°	2397.5	1478.6	559.8	442.3	326.1	208.6	92.4	80.5	70.0	58.1
62.5°	1655.5	1072.0	488.5	392.1	297.0	200.7	105.6	93.7	83.2	71.3
65°	1171.0	806.6	440.9	359.1	278.6	196.7	114.9	101.7	89.8	76.6
67.5°	875.3	641.6	406.6	336.6	266.7	196.7	126.7	110.9	96.4	80.5
70°	670.7	526.8	381.5	324.8	269.3	212.6	155.8	133.3	112.2	89.8
72.5°	546.6	450.2	352.5	311.6	270.6	229.7	188.8	159.7	130.7	100.3
75°	452.8	385.5	318.2	283.8	250.8	216.5	182.2	155.8	130.7	104.3
77.5°	301.0	274.6	246.9	227.1	207.3	186.1	166.3	143.9	122.8	100.3
80°	105.6	101.7	97.7	105.6	113.5	121.5	129.4	113.5	99.0	83.2
82.5°	15.8	14.5	13.2	14.5	15.8	17.2	18.5	19.8	21.1	22.4
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°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	64.7	64.7	63.4	63.4	63.4	62.0	62.0	60.7	60.7	60.7
0.0	5°	63.4	63.4	62.0	60.7	59.4	59.4	58.1	56.8	56.8	55.4
0.0	7.5°	62.0	60.7	59.4	58.1	56.8	55.4	54.1	52.8	52.8	51.5
0.0	10°	63.4	60.7	59.4	56.8	55.4	54.1	51.5	50.2	48.8	48.8
0.0	12.5°	60.7	59.4	56.8	54.1	52.8	50.2	48.8	46.2	44.9	44.9
0.0	15°	60.7	58.1	54.1	51.5	48.8	47.5	44.9	42.2	40.9	39.6
0.0	17.5°	56.8	54.1	50.2	47.5	44.9	42.2	39.6	37.0	35.6	34.3
0.0	20°	51.5	48.8	44.9	40.9	38.3	35.6	33.0	30.4	29.0	27.7
0.0	22.5°	46.2	43.6	39.6	35.6	33.0	30.4	26.4	23.8	22.4	19.8
0.0	25°	43.6	39.6	35.6	31.7	27.7	25.1	21.1	17.2	14.5	11.9
0.0	27.5°	37.0	33.0	29.0	25.1	21.1	17.2	13.2	9.2	6.6	5.3
0.0	30°	31.7	27.7	23.8	19.8	14.5	10.6	6.6	1.3	1.3	1.3
0.0	32.5°	26.4	22.4	17.2	13.2	10.6	6.6	4.0	0.0	0.0	0.0
0.0	35°	21.1	17.2	11.9	7.9	6.6	4.0	2.6	0.0	0.0	0.0
0.0	37.5°	18.5	14.5	9.2	4.0	2.6	2.6	1.3	0.0	0.0	0.0
0.0	40°	17.2	11.9	6.6	1.3	1.3	1.3	0.0	0.0	0.0	0.0
0.0	42.5°	17.2	11.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	17.2	11.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	17.2	11.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	18.5	13.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	21.1	15.8	10.6	5.3	4.0	2.6	1.3	0.0	0.0	0.0
0.0	55°	26.4	23.8	19.8	17.2	13.2	9.2	4.0	0.0	0.0	0.0
0.0	57.5°	34.3	34.3	33.0	31.7	23.8	15.8	7.9	0.0	0.0	0.0
0.0	60°	46.2	46.2	46.2	46.2	34.3	23.8	11.9	0.0	0.0	0.0
0.0	62.5°	56.8	54.1	50.2	47.5	35.6	23.8	11.9	0.0	0.0	0.0
0.0	65°	56.8	51.5	44.9	38.3	29.0	19.8	9.2	0.0	0.0	0.0
0.0	67.5°	52.8	42.2	30.4	19.8	14.5	10.6	5.3	0.0	0.0	0.0
	70°	52.8	37.0	21.1	5.3	4.0	2.6	1.3	0.0	0.0	0.0
	72.5°	52.8	35.6	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	58.1	39.6	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	58.1	39.6	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	51.5	34.3	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	17.2	11.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	59.4	59.4	59.4	58.1	58.1	58.1	58.1	56.8	56.8	56.8
0.0	5°	54.1	54.1	52.8	52.8	51.5	51.5	50.2	50.2	48.8	48.8
0.0	7.5°	50.2	48.8	48.8	47.5	46.2	46.2	44.9	44.9	43.6	42.2
0.0	10°	46.2	44.9	44.9	43.6	42.2	40.9	40.9	39.6	38.3	37.0
0.0	12.5°	42.2	40.9	39.6	38.3	37.0	35.6	35.6	34.3	33.0	31.7
0.0	15°	37.0	35.6	34.3	33.0	31.7	30.4	30.4	29.0	27.7	26.4
0.0	17.5°	31.7	30.4	30.4	29.0	27.7	26.4	25.1	22.4	21.1	19.8
0.0	20°	23.8	22.4	21.1	19.8	18.5	15.8	14.5	11.9	9.2	7.9
0.0	22.5°	15.8	13.2	11.9	9.2	6.6	5.3	4.0	1.3	0.0	0.0
0.0	25°	5.3	4.0	2.6	1.3	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: P1049118

CATALOG NUMBER: GALN-SA5B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049118

CATALOG NUMBER: GALN-SA5B-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°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	55.4	55.4	55.4	54.1	54.1	54.1	54.1	54.1	54.1	54.1
0.0	5°	47.5	47.5	47.5	46.2	46.2	44.9	44.9	44.9	43.6	43.6
0.0	7.5°	40.9	39.6	39.6	38.3	38.3	37.0	37.0	37.0	35.6	35.6
0.0	10°	34.3	33.0	33.0	31.7	31.7	30.4	30.4	29.0	29.0	27.7
0.0	12.5°	30.4	29.0	27.7	26.4	26.4	25.1	23.8	23.8	22.4	21.1
0.0	15°	23.8	22.4	21.1	19.8	18.5	17.2	15.8	15.8	14.5	13.2
0.0	17.5°	15.8	13.2	11.9	10.6	10.6	9.2	7.9	6.6	5.3	4.0
0.0	20°	4.0	2.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049118

CATALOG NUMBER: GALN-SA5B-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°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	54.1	52.8	52.8	52.8	54.1	54.1	54.1	54.1	54.1	54.1
0.0	5°	43.6	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
0.0	7.5°	35.6	34.3	34.3	34.3	34.3	33.0	33.0	33.0	33.0	33.0
0.0	10°	27.7	26.4	26.4	26.4	26.4	25.1	25.1	25.1	25.1	25.1
0.0	12.5°	19.8	19.8	18.5	18.5	18.5	17.2	17.2	17.2	17.2	15.8
0.0	15°	11.9	10.6	9.2	9.2	9.2	7.9	7.9	7.9	7.9	6.6
0.0	17.5°	2.6	2.6	1.3	1.3	1.3	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-SA5B-827-U-RBC

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CATALOG NUMBER: GALN-SA5B-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°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	55.4	55.4	56.8	56.8	58.1	60.7	62.0	63.4	66.0	68.6
0.0	5°	43.6	44.9	44.9	46.2	47.5	48.8	50.2	51.5	54.1	56.8
0.0	7.5°	34.3	34.3	35.6	35.6	37.0	39.6	40.9	42.2	44.9	48.8
0.0	10°	26.4	26.4	27.7	27.7	29.0	31.7	33.0	34.3	37.0	40.9
0.0	12.5°	17.2	18.5	18.5	19.8	21.1	23.8	25.1	26.4	29.0	31.7
0.0	15°	7.9	9.2	9.2	10.6	11.9	14.5	15.8	17.2	19.8	23.8
0.0	17.5°	1.3	1.3	2.6	2.6	4.0	5.3	6.6	7.9	11.9	14.5
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	5.3
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049118

CATALOG NUMBER: GALN-SA5B-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°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	72.6	75.3	77.9	80.5	83.2	85.8	87.1	89.8	91.1	92.4
0.0	5°	62.0	64.7	68.6	71.3	73.9	76.6	79.2	80.5	81.9	83.2
0.0	7.5°	54.1	56.8	60.7	63.4	66.0	68.6	71.3	73.9	75.3	76.6
0.0	10°	46.2	50.2	52.8	56.8	59.4	62.0	64.7	67.3	70.0	71.3
0.0	12.5°	37.0	40.9	44.9	47.5	51.5	55.4	58.1	60.7	63.4	66.0
0.0	15°	29.0	33.0	37.0	39.6	43.6	47.5	51.5	54.1	56.8	59.4
0.0	17.5°	21.1	25.1	29.0	31.7	35.6	39.6	42.2	46.2	48.8	51.5
0.0	20°	10.6	14.5	18.5	22.4	26.4	30.4	33.0	37.0	39.6	42.2
0.0	22.5°	1.3	5.3	9.2	11.9	15.8	19.8	22.4	26.4	29.0	31.7
0.0	25°	0.0	1.3	4.0	5.3	6.6	9.2	11.9	14.5	17.2	19.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.3	2.6	5.3	7.9	10.6
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
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	1.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	2.6
	85°	0.0	0.0	0.0	0.0	0.0	2.6	4.0	6.6	7.9	9.2
	87.5°	0.0	1.3	2.6	4.0	5.3	7.9	10.6	13.2	14.5	15.8
	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: P1049118

CATALOG NUMBER: GALN-SA5B-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
76.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.3											
5.3											
11.9											
17.2											
0.0											
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REPORT NUMBER: P1049118

CATALOG NUMBER: GALN-SA5B-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°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	93.7	93.7	93.7	93.7	92.4	92.4	92.4	91.1	91.1	89.8
0.0	5°	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	85.8	85.8
0.0	7.5°	79.2	80.5	81.9	81.9	83.2	83.2	83.2	81.9	81.9	80.5
0.0	10°	75.3	76.6	76.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9
0.0	12.5°	70.0	71.3	72.6	72.6	73.9	73.9	73.9	73.9	72.6	72.6
0.0	15°	63.4	66.0	67.3	68.6	68.6	70.0	70.0	70.0	70.0	70.0
0.0	17.5°	58.1	60.7	62.0	63.4	63.4	64.7	64.7	66.0	66.0	66.0
0.0	20°	47.5	50.2	51.5	54.1	55.4	56.8	58.1	59.4	59.4	60.7
0.0	22.5°	37.0	39.6	40.9	43.6	44.9	46.2	47.5	48.8	50.2	51.5
0.0	25°	26.4	29.0	30.4	33.0	34.3	35.6	37.0	38.3	38.3	39.6
0.0	27.5°	14.5	17.2	19.8	21.1	23.8	25.1	26.4	27.7	29.0	30.4
0.0	30°	6.6	7.9	9.2	11.9	13.2	14.5	15.8	18.5	19.8	21.1
0.0	32.5°	0.0	0.0	1.3	4.0	5.3	6.6	7.9	9.2	9.2	10.6
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.6	4.0	5.3
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°	2.6	2.6	2.6	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	82.5°	6.6	7.9	9.2	9.2	10.6	10.6	10.6	10.6	9.2	9.2
	85°	13.2	14.5	15.8	15.8	17.2	17.2	17.2	17.2	17.2	17.2
	87.5°	18.5	19.8	21.1	21.1	22.4	22.4	22.4	22.4	22.4	22.4
	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: P1049118

CATALOG NUMBER: GALN-SA5B-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
76.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
4.0											
9.2											
17.2											
22.4											
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REPORT NUMBER: P1049118

CATALOG NUMBER: GALN-SA5B-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°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	88.5	88.5	87.1	87.1	87.1	87.1	87.1	88.5	89.8	89.8
0.0	5°	84.5	84.5	83.2	83.2	83.2	84.5	84.5	85.8	87.1	88.5
0.0	7.5°	80.5	79.2	79.2	80.5	80.5	81.9	81.9	83.2	84.5	85.8
0.0	10°	77.9	76.6	76.6	76.6	77.9	77.9	79.2	80.5	81.9	83.2
0.0	12.5°	72.6	72.6	72.6	72.6	73.9	73.9	75.3	76.6	79.2	80.5
0.0	15°	70.0	68.6	68.6	68.6	68.6	70.0	70.0	72.6	75.3	76.6
0.0	17.5°	64.7	64.7	63.4	63.4	64.7	64.7	66.0	68.6	71.3	72.6
0.0	20°	59.4	58.1	56.8	56.8	58.1	58.1	59.4	62.0	64.7	66.0
0.0	22.5°	51.5	50.2	50.2	50.2	50.2	51.5	51.5	54.1	58.1	60.7
0.0	25°	40.9	42.2	42.2	43.6	43.6	44.9	46.2	48.8	52.8	55.4
0.0	27.5°	31.7	33.0	33.0	35.6	37.0	38.3	39.6	43.6	47.5	50.2
0.0	30°	23.8	25.1	26.4	27.7	30.4	33.0	35.6	39.6	43.6	46.2
0.0	32.5°	14.5	17.2	18.5	21.1	23.8	26.4	29.0	33.0	38.3	42.2
0.0	35°	10.6	11.9	14.5	15.8	18.5	21.1	23.8	29.0	33.0	38.3
0.0	37.5°	5.3	7.9	10.6	13.2	15.8	18.5	21.1	26.4	31.7	35.6
0.0	40°	4.0	6.6	7.9	10.6	14.5	17.2	19.8	25.1	30.4	35.6
0.0	42.5°	2.6	4.0	5.3	9.2	11.9	15.8	19.8	25.1	30.4	35.6
0.0	45°	2.6	2.6	4.0	7.9	11.9	17.2	21.1	26.4	30.4	35.6
0.0	47.5°	2.6	4.0	5.3	10.6	13.2	17.2	21.1	25.1	30.4	34.3
0.0	50°	4.0	5.3	6.6	11.9	14.5	18.5	21.1	26.4	30.4	35.6
0.0	52.5°	2.6	4.0	5.3	10.6	14.5	19.8	23.8	29.0	34.3	38.3
0.0	55°	1.3	1.3	1.3	7.9	15.8	22.4	30.4	34.3	39.6	43.6
0.0	57.5°	0.0	0.0	0.0	5.3	15.8	25.1	34.3	39.6	44.9	48.8
0.0	60°	0.0	0.0	0.0	5.3	15.8	25.1	34.3	40.9	47.5	54.1
0.0	62.5°	0.0	0.0	0.0	5.3	13.2	21.1	29.0	39.6	51.5	62.0
0.0	65°	0.0	0.0	0.0	4.0	10.6	17.2	23.8	39.6	55.4	70.0
0.0	67.5°	0.0	0.0	0.0	4.0	10.6	15.8	22.4	39.6	55.4	72.6
	70°	0.0	0.0	0.0	4.0	10.6	17.2	23.8	39.6	55.4	71.3
	72.5°	0.0	0.0	0.0	4.0	11.9	18.5	26.4	39.6	52.8	66.0
	75°	0.0	0.0	0.0	5.3	11.9	19.8	27.7	39.6	51.5	62.0
	77.5°	0.0	0.0	0.0	4.0	11.9	18.5	26.4	38.3	50.2	60.7
	80°	4.0	2.6	2.6	6.6	11.9	17.2	22.4	34.3	47.5	59.4
	82.5°	7.9	7.9	6.6	9.2	11.9	15.8	19.8	30.4	42.2	52.8
	85°	15.8	15.8	14.5	15.8	15.8	17.2	18.5	23.8	29.0	34.3
	87.5°	21.1	21.1	19.8	19.8	19.8	18.5	18.5	18.5	18.5	17.2
	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: P1049118

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
76.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.1											
79.2											
73.9											
72.6											
71.3											
63.4											
39.6											
17.2											
0.0											
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REPORT NUMBER: P1049118

CATALOG NUMBER: GALN-SA5B-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°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	92.4	93.7	93.7	95.1	96.4	97.7	97.7	99.0	99.0	99.0
0.0	5°	91.1	93.7	95.1	96.4	97.7	99.0	100.3	101.7	103.0	103.0
0.0	7.5°	89.8	91.1	93.7	95.1	97.7	99.0	101.7	103.0	104.3	105.6
0.0	10°	87.1	89.8	92.4	95.1	97.7	100.3	103.0	105.6	108.3	109.6
0.0	12.5°	84.5	88.5	91.1	93.7	97.7	101.7	104.3	108.3	110.9	113.5
0.0	15°	83.2	85.8	89.8	92.4	97.7	103.0	106.9	112.2	117.5	121.5
0.0	17.5°	79.2	84.5	88.5	92.4	97.7	104.3	109.6	114.9	122.8	130.7
0.0	20°	73.9	77.9	83.2	87.1	95.1	101.7	109.6	116.2	128.1	139.9
0.0	22.5°	68.6	73.9	77.9	83.2	92.4	100.3	109.6	117.5	137.3	155.8
0.0	25°	63.4	70.0	75.3	80.5	91.1	101.7	112.2	122.8	155.8	188.8
0.0	27.5°	60.7	66.0	72.6	77.9	91.1	105.6	118.8	132.0	184.8	236.3
0.0	30°	56.8	63.4	68.6	75.3	92.4	109.6	126.7	143.9	224.4	305.0
0.0	32.5°	52.8	59.4	66.0	72.6	95.1	117.5	138.6	161.1	266.7	371.0
0.0	35°	48.8	56.8	63.4	70.0	99.0	129.4	158.4	187.5	305.0	421.1
0.0	37.5°	47.5	55.4	62.0	68.6	100.3	130.7	162.4	192.7	308.9	425.1
0.0	40°	48.8	55.4	63.4	70.0	96.4	122.8	147.9	174.3	295.7	415.9
0.0	42.5°	48.8	56.8	64.7	72.6	93.7	114.9	136.0	157.1	291.8	426.4
0.0	45°	47.5	55.4	63.4	71.3	91.1	109.6	129.4	147.9	315.5	481.9
0.0	47.5°	46.2	54.1	62.0	70.0	89.8	109.6	129.4	149.2	407.9	665.4
0.0	50°	46.2	54.1	60.7	67.3	91.1	116.2	139.9	163.7	594.1	1023.1
0.0	52.5°	48.8	55.4	60.7	66.0	93.7	122.8	150.5	178.2	755.1	1330.7
0.0	55°	52.8	56.8	62.0	66.0	100.3	133.3	167.7	200.7	804.0	1407.3
0.0	57.5°	58.1	62.0	66.0	70.0	112.2	154.5	195.4	237.6	808.0	1377.0
0.0	60°	64.7	70.0	73.9	77.9	122.8	169.0	213.9	258.8	731.4	1202.7
0.0	62.5°	79.2	85.8	91.1	97.7	141.3	183.5	227.1	269.3	607.3	945.3
0.0	65°	91.1	96.4	101.7	106.9	149.2	192.7	235.0	277.2	514.9	752.5
0.0	67.5°	93.7	99.0	103.0	108.3	151.8	195.4	237.6	281.2	440.9	599.4
	70°	95.1	101.7	109.6	116.2	161.1	205.9	249.5	294.4	390.8	487.1
	72.5°	91.1	104.3	116.2	128.1	170.3	211.2	253.5	294.4	363.1	431.7
	75°	91.1	109.6	126.7	143.9	175.6	205.9	237.6	268.0	320.8	373.6
	77.5°	96.4	120.1	143.9	167.7	186.1	203.3	221.8	239.0	273.3	307.6
	80°	96.4	121.5	145.2	170.3	178.2	187.5	195.4	203.3	207.3	211.2
	82.5°	83.2	103.0	122.8	142.6	133.3	124.1	114.9	105.6	99.0	91.1
	85°	42.2	46.2	48.8	51.5	47.5	43.6	39.6	35.6	33.0	29.0
	87.5°	17.2	17.2	15.8	15.8	15.8	15.8	14.5	14.5	14.5	14.5
	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: P1049118

CATALOG NUMBER: GALN-SA5B-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
76.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
281.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
390.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
529.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
661.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
751.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
818.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
885.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1017.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1281.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1953.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2992.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3767.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3853.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3477.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2973.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2323.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1755.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1296.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
917.5											
682.5											
496.4											
373.6											
209.9											
95.1											
27.7											
13.2											
0.0											
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REPORT NUMBER: P1049118

CATALOG NUMBER: GALN-SA5B-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°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	99.0	97.7	97.7	96.4	95.1	93.7	92.4	91.1	89.8	88.5
0.0	5°	103.0	103.0	103.0	101.7	101.7	100.3	100.3	99.0	97.7	96.4
0.0	7.5°	106.9	108.3	108.3	109.6	109.6	109.6	109.6	108.3	108.3	108.3
0.0	10°	113.5	114.9	116.2	117.5	118.8	120.1	120.1	121.5	121.5	121.5
0.0	12.5°	121.5	125.4	128.1	132.0	134.7	138.6	141.3	145.2	147.9	150.5
0.0	15°	133.3	139.9	147.9	154.5	161.1	170.3	180.9	190.1	199.3	213.9
0.0	17.5°	150.5	171.6	192.7	212.6	233.7	279.9	326.1	371.0	417.2	484.5
0.0	20°	183.5	246.9	308.9	372.3	434.3	596.7	757.8	920.2	1081.2	1254.2
0.0	22.5°	257.4	413.2	569.0	724.8	880.6	1219.9	1557.8	1897.1	2235.1	2632.5
0.0	25°	373.6	660.1	946.6	1231.7	1518.2	2048.9	2581.0	3111.7	3642.4	4158.6
0.0	27.5°	543.9	982.2	1420.5	1857.5	2295.8	3015.3	3736.1	4455.6	5175.1	5758.7
0.0	30°	753.8	1347.9	1942.0	2536.1	3130.2	3948.7	4767.2	5584.4	6402.9	7040.6
0.0	32.5°	951.9	1679.3	2406.7	3132.8	3860.2	4792.3	5725.7	6657.7	7589.8	8286.8
0.0	35°	1081.2	1960.5	2841.0	3720.3	4599.5	5608.2	6616.8	7624.1	8632.7	9428.8
0.0	37.5°	1210.6	2225.8	3239.7	4255.0	5268.9	6376.5	7484.1	8591.8	9699.4	10683.0
0.0	40°	1355.8	2546.6	3736.1	4926.9	6116.4	7428.7	8739.6	10051.9	11362.9	12750.4
0.0	42.5°	1608.0	3078.7	4550.7	6021.4	7492.1	9228.1	10964.2	12698.9	14434.9	16415.2
0.0	45°	2081.9	4154.6	6228.6	8301.3	10374.0	12673.8	14974.9	17274.7	19574.4	22209.5
0.0	47.5°	3242.4	6094.0	8944.3	11795.9	14646.2	17129.4	19611.4	22094.7	24576.6	27201.1
0.0	50°	4961.3	8280.2	11599.2	14916.8	18235.8	20482.7	22728.3	24975.3	27220.9	29717.4
0.0	52.5°	6204.9	9662.5	13121.3	16578.9	20036.5	22064.3	24093.4	26121.2	28149.0	30481.8
0.0	55°	6298.6	9736.4	13175.5	16613.2	20051.0	22088.1	24125.1	26162.2	28199.2	30671.9
0.0	57.5°	5576.5	8986.5	12395.2	15805.3	19214.0	21533.6	23851.8	26171.4	28489.6	31163.0
0.0	60°	4743.4	8154.8	11564.8	14976.2	18386.3	21058.3	23731.7	26403.8	29075.8	31580.2
0.0	62.5°	3700.5	7209.5	10719.9	14229.0	17738.0	20451.0	23164.0	25875.7	28588.7	30467.3
0.0	65°	2757.9	6165.3	9572.7	12978.8	16386.2	18559.2	20732.2	22903.9	25077.0	26240.0
0.0	67.5°	1993.5	4932.2	7869.6	10808.4	13745.8	15301.0	16856.2	18410.0	19965.2	20855.0
	70°	1347.9	3383.6	5418.0	7453.8	9488.2	10766.1	12045.4	13323.3	14601.3	15802.6
	72.5°	933.4	2076.7	3221.3	4364.5	5507.8	6793.7	8078.2	9364.1	10648.6	11920.0
	75°	619.2	1139.3	1660.8	2180.9	2701.1	3653.0	4606.1	5558.0	6509.8	7267.6
	77.5°	439.6	595.4	752.5	908.3	1064.1	1242.3	1421.8	1600.1	1778.3	2048.9
	80°	208.6	228.4	248.2	266.7	286.5	351.2	415.9	480.5	545.2	613.9
	82.5°	99.0	106.9	114.9	121.5	129.4	136.0	142.6	149.2	155.8	149.2
	85°	26.4	26.4	27.7	27.7	27.7	27.7	27.7	27.7	27.7	26.4
	87.5°	11.9	11.9	11.9	11.9	11.9	11.9	11.9	10.6	10.6	9.2
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
76.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
229.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
550.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1428.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3029.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4674.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6342.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7679.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8985.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10224.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11667.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14137.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18395.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24844.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29825.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32213.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32814.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33146.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33836.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34083.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32347.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27404.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21746.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17002.7											
13191.3											
8025.4											
2319.6											
682.5											
141.3											
25.1											
9.2											
0.0											
0.0											
0.0											
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°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	85.8	84.5	83.2	81.9	80.5	77.9	77.9	76.6	76.6
0.0	5°	93.7	92.4	91.1	89.8	89.8	88.5	87.1	87.1	85.8
0.0	7.5°	106.9	105.6	104.3	103.0	103.0	101.7	101.7	100.3	100.3
0.0	10°	122.8	122.8	122.8	122.8	122.8	121.5	121.5	121.5	120.1
0.0	12.5°	154.5	155.8	158.4	161.1	165.0	165.0	165.0	163.7	163.7
0.0	15°	244.2	258.8	269.3	279.9	289.1	310.2	307.6	303.6	301.0
0.0	17.5°	617.8	683.9	719.5	753.8	789.5	887.2	871.3	855.5	841.0
0.0	20°	1601.4	1774.3	1889.2	2004.0	2120.2	2303.7	2258.8	2214.0	2169.1
0.0	22.5°	3425.9	3823.3	3996.2	4169.2	4340.8	4562.6	4418.7	4274.8	4132.2
0.0	25°	5189.7	5705.9	5997.6	6289.4	6579.8	6706.6	6519.1	6330.3	6142.8
0.0	27.5°	6925.7	7509.2	7766.7	8022.8	8280.2	8545.6	8313.2	8079.5	7847.2
0.0	30°	8317.2	8954.8	9233.4	9510.6	9789.2	9974.0	9733.7	9492.1	9251.9
0.0	32.5°	9682.3	10379.3	10684.3	10989.2	11292.9	11558.2	11262.5	10965.5	10669.8
0.0	35°	11019.6	11815.7	12235.5	12655.3	13075.1	13322.0	12970.8	12618.4	12267.2
0.0	37.5°	12651.4	13634.9	14104.9	14574.9	15044.9	15495.0	15108.2	14720.1	14333.3
0.0	40°	15525.4	16912.9	17633.7	18355.9	19076.7	19657.6	19169.1	18680.7	18192.2
0.0	42.5°	20375.8	22356.1	23392.4	24427.4	25463.8	26370.7	25857.2	25343.6	24830.1
0.0	45°	27479.7	30114.8	31378.2	32640.3	33903.7	34566.5	33827.2	33086.5	32347.2
0.0	47.5°	32448.9	35073.4	36198.2	37323.0	38447.8	39204.3	38300.0	37395.6	36492.6
0.0	50°	34709.1	37205.5	38334.3	39461.7	40590.5	41191.2	40146.9	39101.3	38057.0
0.0	52.5°	35146.0	37478.8	38825.4	40173.3	41519.9	42322.6	41089.5	39855.1	38622.1
0.0	55°	35618.7	38091.4	39653.2	41216.3	42778.0	43889.6	42495.5	41100.1	39706.0
0.0	57.5°	36508.5	39181.8	40739.7	42296.2	43854.0	44797.9	43399.8	42000.4	40602.4
0.0	60°	36587.7	39090.8	40429.4	41769.4	43108.1	43702.2	42364.8	41026.2	39688.8
0.0	62.5°	34225.9	36104.5	37033.9	37963.3	38892.7	39538.3	38142.9	36746.1	35350.7
0.0	65°	28567.5	29730.6	30471.3	31211.9	31952.5	32722.2	31444.2	30166.3	28888.3
0.0	67.5°	22635.9	23525.7	24501.4	25477.0	26452.6	27275.1	26251.9	25227.5	24204.3
	70°	18204.1	19404.1	20501.2	21598.3	22695.3	23368.6	22341.5	21313.1	20286.0
	72.5°	14462.7	15734.0	16650.2	17565.1	18481.3	18646.3	17891.2	17136.0	16382.2
	75°	8781.9	9539.7	9558.2	9575.3	9593.8	9750.9	9125.1	8499.4	7874.9
	77.5°	2590.2	2860.8	3084.0	3305.7	3528.9	3798.2	3568.5	3337.4	3107.7
	80°	749.9	818.5	876.6	933.4	991.5	957.1	903.0	848.9	794.8
	82.5°	134.7	126.7	125.4	124.1	124.1	117.5	106.9	96.4	85.8
	85°	23.8	22.4	21.1	19.8	18.5	17.2	14.5	13.2	10.6
	87.5°	7.9	6.6	5.3	4.0	4.0	1.3	1.3	1.3	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: P1049118

CATALOG NUMBER: GALN-SA5B-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°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	0.0	2.5°	75.3	73.9	73.9	73.9	73.9	72.6	72.6	72.6	72.6
0.0	0.0	5°	83.2	83.2	81.9	81.9	80.5	80.5	79.2	79.2	77.9
0.0	0.0	7.5°	97.7	96.4	95.1	93.7	92.4	89.8	88.5	87.1	87.1
0.0	0.0	10°	117.5	114.9	113.5	110.9	109.6	106.9	104.3	101.7	99.0
0.0	0.0	12.5°	154.5	149.2	145.2	139.9	134.7	130.7	125.4	121.5	116.2
0.0	0.0	15°	268.0	254.8	240.3	223.1	204.6	187.5	169.0	158.4	146.5
0.0	0.0	17.5°	685.2	616.5	546.6	489.8	433.0	377.6	320.8	279.9	239.0
0.0	0.0	20°	1744.0	1553.9	1363.8	1176.3	987.5	800.0	611.2	516.2	421.1
0.0	0.0	22.5°	3282.0	2929.5	2575.7	2233.8	1890.5	1548.6	1206.7	991.5	777.6
0.0	0.0	25°	5065.6	4622.0	4178.4	3616.0	3052.3	2489.9	1927.5	1577.6	1227.8
0.0	0.0	27.5°	6591.7	6080.8	5569.9	4886.0	4202.2	3518.3	2834.4	2313.0	1792.8
0.0	0.0	30°	7913.2	7364.0	6814.8	6018.7	5222.7	4426.6	3630.5	2978.3	2326.2
0.0	0.0	32.5°	9059.1	8401.7	7744.2	6923.1	6101.9	5280.8	4459.6	3659.6	2859.5
0.0	0.0	35°	10380.6	9613.6	8845.3	7934.3	7022.1	6111.1	5200.2	4297.2	3392.9
0.0	0.0	37.5°	12059.9	11118.6	10176.0	9160.8	8145.6	7131.7	6116.4	5084.0	4051.7
0.0	0.0	40°	15274.6	14060.0	12845.4	11555.6	10264.5	8974.6	7684.8	6417.4	5150.1
0.0	0.0	42.5°	21034.5	19393.6	17752.6	16036.3	14318.8	12602.5	10884.9	9097.4	7308.6
0.0	0.0	45°	27535.2	25499.4	23462.4	21536.2	19608.7	17682.6	15756.4	13303.5	10850.6
0.0	0.0	47.5°	31190.8	28992.6	26794.5	24971.3	23148.2	21325.0	19501.8	16857.5	14213.1
0.0	0.0	50°	32536.0	30298.3	28060.6	26382.6	24703.4	23025.4	21346.1	18697.8	16048.2
0.0	0.0	52.5°	32822.5	30539.9	28257.3	26568.8	24880.3	23193.1	21504.5	18873.4	16242.3
0.0	0.0	55°	33411.3	30962.4	28512.1	26587.3	24662.4	22737.6	20812.8	18139.4	15466.0
0.0	0.0	57.5°	34181.0	31670.0	29159.0	26966.2	24773.3	22581.8	20389.0	17466.1	14543.2
0.0	0.0	60°	33979.0	31794.1	29607.8	27259.2	24909.3	22560.7	20210.8	16996.1	13780.1
0.0	0.0	62.5°	30472.6	28732.6	26991.2	25059.8	23127.0	21195.6	19264.2	15954.5	12644.8
0.0	0.0	65°	25069.0	23799.0	22529.0	20975.1	19420.0	17866.1	16312.2	13344.5	10378.0
0.0	0.0	67.5°	20317.7	18886.6	17454.2	16215.9	14976.2	13737.9	12498.2	10162.8	7827.4
		70°	16141.9	14585.4	13027.6	11818.3	10607.7	9398.4	8189.1	6636.6	5085.4
		72.5°	12819.0	11415.7	10012.3	8722.5	7431.3	6141.5	4850.4	3932.8	3015.3
		75°	6127.0	5565.9	5004.8	4330.2	3655.6	2981.0	2306.4	1906.4	1507.7
		77.5°	2270.7	1968.4	1664.8	1390.2	1115.6	842.3	567.7	520.2	472.6
		80°	587.5	512.2	435.7	381.5	326.1	272.0	217.8	196.7	176.9
		82.5°	67.3	62.0	58.1	55.4	51.5	48.8	44.9	40.9	37.0
		85°	4.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049118

CATALOG NUMBER: GALN-SA5B-827-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	76.6	76.6
0.0	0.0	2.5°	71.3	70.0
0.0	0.0	5°	75.3	73.9
0.0	0.0	7.5°	83.2	80.5
0.0	0.0	10°	91.1	88.5
0.0	0.0	12.5°	103.0	99.0
0.0	0.0	15°	116.2	108.3
0.0	0.0	17.5°	138.6	121.5
0.0	0.0	20°	187.5	143.9
0.0	0.0	22.5°	264.0	179.5
0.0	0.0	25°	388.1	248.2
0.0	0.0	27.5°	540.0	330.0
0.0	0.0	30°	718.2	413.2
0.0	0.0	32.5°	875.3	492.4
0.0	0.0	35°	1079.9	573.0
0.0	0.0	37.5°	1332.1	675.9
0.0	0.0	40°	1722.8	831.7
0.0	0.0	42.5°	2426.5	1119.5
0.0	0.0	45°	3940.8	1935.4
0.0	0.0	47.5°	6063.6	3201.5
0.0	0.0	50°	7418.1	4086.0
0.0	0.0	52.5°	7529.0	4079.4
0.0	0.0	55°	6872.9	3626.6
0.0	0.0	57.5°	5864.3	3031.2
0.0	0.0	60°	4874.1	2397.5
0.0	0.0	62.5°	3840.4	1655.5
0.0	0.0	65°	2806.7	1171.0
0.0	0.0	67.5°	2015.9	875.3
		70°	1325.5	670.7
		72.5°	863.4	546.6
		75°	580.9	452.8
		77.5°	339.3	301.0
		80°	120.1	105.6
		82.5°	22.4	15.8
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049118

CATALOG NUMBER: GALN-SA5B-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 $\text{W}^\wedge/\text{nm}$	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			

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			

REPORT NUMBER: SP1-2407-184-8

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			

REPORT NUMBER: SP1-2407-184-8

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)