

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: P1049147

Luminaire Tested: **GALN-SA3C-830-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049147
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3C-830-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
80CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

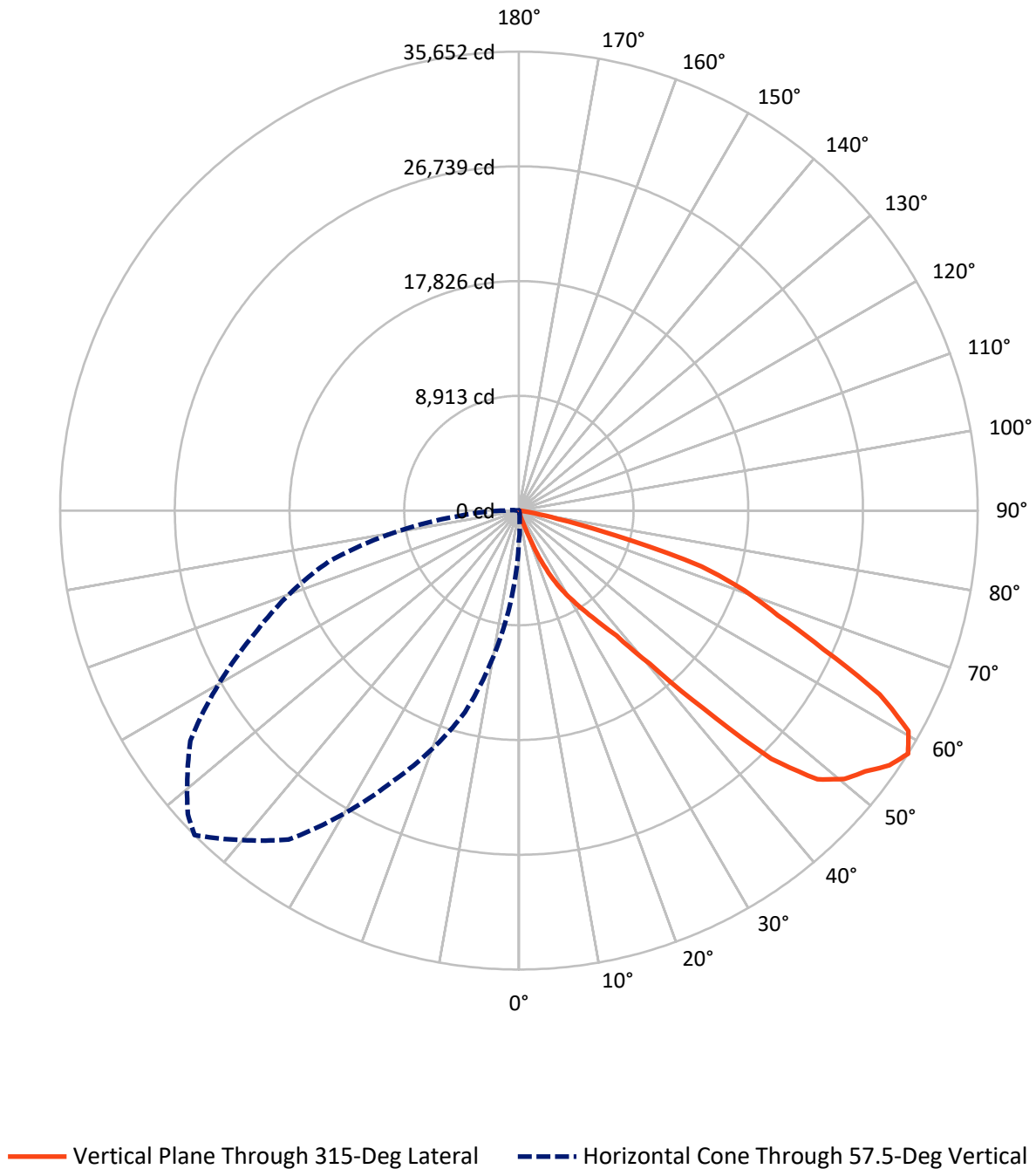
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13903.1 lumens
Efficiency: N/A
Efficacy: 99.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 140.4
Input Voltage (V): 120
Input Current (A_{in}): 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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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	69.6	0.0	69.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	13833.5	0.0	13833.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	13903.1	0.0	13903.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.4	0.0
10°-20°	30.5	0.2
20°-30°	329.5	2.4
30°-40°	974.3	7.0
40°-50°	2903.8	20.9
50°-60°	4604.4	33.1
60°-70°	3843.5	27.6
70°-80°	1185.2	8.5
80°-90°	26.4	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	13903.1	100.0
0°-180°	13903.1	100.0

Coefficient of Utilization



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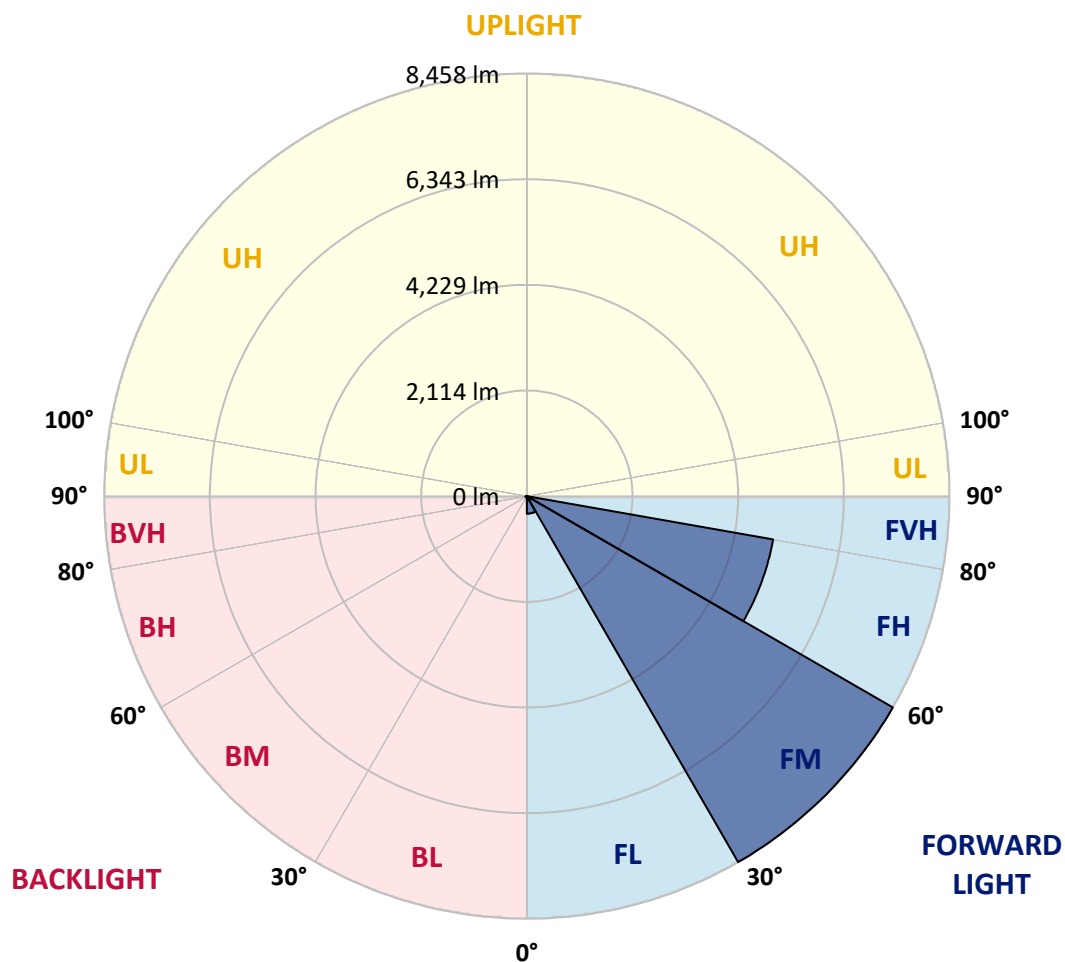
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	352.7	2.5			
FM	(30°-60°)	8457.6	60.8			
FH	(60°-80°)	5002.8	36.0			G3/7500
FVH	(80°-90°)	20.4	0.1			G1/100
BL	(0°-30°)	12.8	0.1	B0/110		
BM	(30°-60°)	24.9	0.2	B0/220		
BH	(60°-80°)	26.0	0.2	B0/110		G0/110
BVH	(80°-90°)	6.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-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°	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
2.5°	55.7	55.7	55.7	55.7	54.6	54.6	53.6	53.6	52.5	52.5
5°	58.8	58.8	57.8	56.7	56.7	55.7	54.6	53.6	53.6	52.5
7.5°	64.1	63.0	62.0	60.9	58.8	57.8	55.7	54.6	53.6	51.5
10°	70.4	68.3	66.2	64.1	62.0	59.9	57.8	56.7	54.6	53.6
12.5°	78.8	75.6	71.4	68.3	66.2	63.0	60.9	58.8	55.7	53.6
15°	86.2	82.0	76.7	72.5	69.3	65.1	62.0	58.8	56.7	53.6
17.5°	96.7	89.3	80.9	75.6	71.4	66.2	60.9	57.8	54.6	50.4
20°	114.5	99.8	84.1	77.7	71.4	65.1	58.8	54.6	51.5	47.3
22.5°	142.9	117.7	92.5	83.0	74.6	65.1	56.7	52.5	48.3	44.1
25°	197.5	152.3	107.2	94.6	82.0	69.3	56.7	51.5	47.3	42.0
27.5°	262.7	195.4	127.1	109.3	92.5	74.6	56.7	50.4	45.2	38.9
30°	328.9	239.5	149.2	126.1	103.0	79.8	56.7	49.4	43.1	35.7
32.5°	391.9	280.5	168.1	140.8	113.5	85.1	57.8	49.4	41.0	32.6
35°	456.0	314.1	171.3	142.9	114.5	85.1	56.7	47.3	38.9	29.4
37.5°	537.9	352.0	165.0	136.6	109.3	80.9	53.6	45.2	36.8	27.3
40°	661.9	415.0	168.1	138.7	109.3	79.8	50.4	42.0	34.7	26.3
42.5°	890.9	536.9	181.8	148.1	114.5	79.8	46.2	38.9	32.6	25.2
45°	1540.2	892.0	243.7	193.3	142.9	92.5	42.0	35.7	30.5	24.2
47.5°	2547.8	1493.0	438.1	338.3	239.5	139.7	41.0	35.7	30.5	24.2
50°	3251.7	1901.7	551.6	424.5	297.3	170.2	43.1	36.8	31.5	25.2
52.5°	3246.5	1931.1	614.6	471.7	329.9	187.0	45.2	38.9	33.6	27.3
55°	2886.1	1756.7	626.2	481.2	337.3	192.3	48.3	42.0	35.7	29.4
57.5°	2412.3	1491.9	571.6	442.3	314.1	184.9	55.7	48.3	42.0	34.7
60°	1908.0	1176.7	445.5	352.0	259.5	166.0	73.5	64.1	55.7	46.2
62.5°	1317.5	853.1	388.7	312.0	236.4	159.7	84.1	74.6	66.2	56.7
65°	931.9	641.9	350.9	285.8	221.7	156.5	91.4	80.9	71.4	60.9
67.5°	696.6	510.6	323.6	267.9	212.2	156.5	100.9	88.3	76.7	64.1
70°	533.7	419.2	303.6	258.5	214.3	169.2	124.0	106.1	89.3	71.4
72.5°	435.0	358.3	280.5	248.0	215.4	182.8	150.2	127.1	104.0	79.8
75°	360.4	306.8	253.2	225.9	199.6	172.3	145.0	124.0	104.0	83.0
77.5°	239.5	218.5	196.5	180.7	165.0	148.1	132.4	114.5	97.7	79.8
80°	84.1	80.9	77.7	84.1	90.4	96.7	103.0	90.4	78.8	66.2
82.5°	12.6	11.6	10.5	11.6	12.6	13.7	14.7	15.8	16.8	17.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
0.0	2.5°	51.5	51.5	50.4	50.4	50.4	49.4	49.4	48.3	48.3	48.3
0.0	5°	50.4	50.4	49.4	48.3	47.3	47.3	46.2	45.2	45.2	44.1
0.0	7.5°	49.4	48.3	47.3	46.2	45.2	44.1	43.1	42.0	42.0	41.0
0.0	10°	50.4	48.3	47.3	45.2	44.1	43.1	41.0	39.9	38.9	38.9
0.0	12.5°	48.3	47.3	45.2	43.1	42.0	39.9	38.9	36.8	35.7	35.7
0.0	15°	48.3	46.2	43.1	41.0	38.9	37.8	35.7	33.6	32.6	31.5
0.0	17.5°	45.2	43.1	39.9	37.8	35.7	33.6	31.5	29.4	28.4	27.3
0.0	20°	41.0	38.9	35.7	32.6	30.5	28.4	26.3	24.2	23.1	22.1
0.0	22.5°	36.8	34.7	31.5	28.4	26.3	24.2	21.0	18.9	17.9	15.8
0.0	25°	34.7	31.5	28.4	25.2	22.1	20.0	16.8	13.7	11.6	9.5
0.0	27.5°	29.4	26.3	23.1	20.0	16.8	13.7	10.5	7.4	5.3	4.2
0.0	30°	25.2	22.1	18.9	15.8	11.6	8.4	5.3	1.1	1.1	1.1
0.0	32.5°	21.0	17.9	13.7	10.5	8.4	5.3	3.2	0.0	0.0	0.0
0.0	35°	16.8	13.7	9.5	6.3	5.3	3.2	2.1	0.0	0.0	0.0
0.0	37.5°	14.7	11.6	7.4	3.2	2.1	2.1	1.1	0.0	0.0	0.0
0.0	40°	13.7	9.5	5.3	1.1	1.1	1.1	0.0	0.0	0.0	0.0
0.0	42.5°	13.7	9.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	13.7	9.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	13.7	9.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	14.7	10.5	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	16.8	12.6	8.4	4.2	3.2	2.1	1.1	0.0	0.0	0.0
0.0	55°	21.0	18.9	15.8	13.7	10.5	7.4	3.2	0.0	0.0	0.0
0.0	57.5°	27.3	27.3	26.3	25.2	18.9	12.6	6.3	0.0	0.0	0.0
0.0	60°	36.8	36.8	36.8	36.8	27.3	18.9	9.5	0.0	0.0	0.0
0.0	62.5°	45.2	43.1	39.9	37.8	28.4	18.9	9.5	0.0	0.0	0.0
0.0	65°	45.2	41.0	35.7	30.5	23.1	15.8	7.4	0.0	0.0	0.0
0.0	67.5°	42.0	33.6	24.2	15.8	11.6	8.4	4.2	0.0	0.0	0.0
	70°	42.0	29.4	16.8	4.2	3.2	2.1	1.1	0.0	0.0	0.0
	72.5°	42.0	28.4	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	46.2	31.5	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	46.2	31.5	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	41.0	27.3	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	13.7	9.5	4.2	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°	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
0.0	2.5°	47.3	47.3	47.3	46.2	46.2	46.2	46.2	45.2	45.2	45.2
0.0	5°	43.1	43.1	42.0	42.0	41.0	41.0	39.9	39.9	38.9	38.9
0.0	7.5°	39.9	38.9	38.9	37.8	36.8	36.8	35.7	35.7	34.7	33.6
0.0	10°	36.8	35.7	35.7	34.7	33.6	32.6	32.6	31.5	30.5	29.4
0.0	12.5°	33.6	32.6	31.5	30.5	29.4	28.4	28.4	27.3	26.3	25.2
0.0	15°	29.4	28.4	27.3	26.3	25.2	24.2	24.2	23.1	22.1	21.0
0.0	17.5°	25.2	24.2	24.2	23.1	22.1	21.0	20.0	17.9	16.8	15.8
0.0	20°	18.9	17.9	16.8	15.8	14.7	12.6	11.6	9.5	7.4	6.3
0.0	22.5°	12.6	10.5	9.5	7.4	5.3	4.2	3.2	1.1	0.0	0.0
0.0	25°	4.2	3.2	2.1	1.1	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: P1049147

CATALOG NUMBER: GALN-SA3C-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049147

CATALOG NUMBER: GALN-SA3C-830-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
0.0	2.5°	44.1	44.1	44.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
0.0	5°	37.8	37.8	37.8	36.8	36.8	35.7	35.7	35.7	34.7	34.7
0.0	7.5°	32.6	31.5	31.5	30.5	30.5	29.4	29.4	29.4	28.4	28.4
0.0	10°	27.3	26.3	26.3	25.2	25.2	24.2	24.2	23.1	23.1	22.1
0.0	12.5°	24.2	23.1	22.1	21.0	21.0	20.0	18.9	18.9	17.9	16.8
0.0	15°	18.9	17.9	16.8	15.8	14.7	13.7	12.6	12.6	11.6	10.5
0.0	17.5°	12.6	10.5	9.5	8.4	8.4	7.4	6.3	5.3	4.2	3.2
0.0	20°	3.2	2.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049147

CATALOG NUMBER: GALN-SA3C-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049147

CATALOG NUMBER: GALN-SA3C-830-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°	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
0.0	2.5°	43.1	42.0	42.0	42.0	43.1	43.1	43.1	43.1	43.1	43.1
0.0	5°	34.7	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
0.0	7.5°	28.4	27.3	27.3	27.3	27.3	26.3	26.3	26.3	26.3	26.3
0.0	10°	22.1	21.0	21.0	21.0	21.0	20.0	20.0	20.0	20.0	20.0
0.0	12.5°	15.8	15.8	14.7	14.7	14.7	13.7	13.7	13.7	13.7	12.6
0.0	15°	9.5	8.4	7.4	7.4	7.4	6.3	6.3	6.3	6.3	5.3
0.0	17.5°	2.1	2.1	1.1	1.1	1.1	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-SA3C-830-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049147

CATALOG NUMBER: GALN-SA3C-830-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
0.0	2.5°	44.1	44.1	45.2	45.2	46.2	48.3	49.4	50.4	52.5	54.6
0.0	5°	34.7	35.7	35.7	36.8	37.8	38.9	39.9	41.0	43.1	45.2
0.0	7.5°	27.3	27.3	28.4	28.4	29.4	31.5	32.6	33.6	35.7	38.9
0.0	10°	21.0	21.0	22.1	22.1	23.1	25.2	26.3	27.3	29.4	32.6
0.0	12.5°	13.7	14.7	14.7	15.8	16.8	18.9	20.0	21.0	23.1	25.2
0.0	15°	6.3	7.4	7.4	8.4	9.5	11.6	12.6	13.7	15.8	18.9
0.0	17.5°	1.1	1.1	2.1	2.1	3.2	4.2	5.3	6.3	9.5	11.6
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	4.2
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
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: P1049147

CATALOG NUMBER: GALN-SA3C-830-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°	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
0.0	2.5°	57.8	59.9	62.0	64.1	66.2	68.3	69.3	71.4	72.5	73.5
0.0	5°	49.4	51.5	54.6	56.7	58.8	60.9	63.0	64.1	65.1	66.2
0.0	7.5°	43.1	45.2	48.3	50.4	52.5	54.6	56.7	58.8	59.9	60.9
0.0	10°	36.8	39.9	42.0	45.2	47.3	49.4	51.5	53.6	55.7	56.7
0.0	12.5°	29.4	32.6	35.7	37.8	41.0	44.1	46.2	48.3	50.4	52.5
0.0	15°	23.1	26.3	29.4	31.5	34.7	37.8	41.0	43.1	45.2	47.3
0.0	17.5°	16.8	20.0	23.1	25.2	28.4	31.5	33.6	36.8	38.9	41.0
0.0	20°	8.4	11.6	14.7	17.9	21.0	24.2	26.3	29.4	31.5	33.6
0.0	22.5°	1.1	4.2	7.4	9.5	12.6	15.8	17.9	21.0	23.1	25.2
0.0	25°	0.0	1.1	3.2	4.2	5.3	7.4	9.5	11.6	13.7	15.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.1	2.1	4.2	6.3	8.4
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
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	1.1
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	2.1
	85°	0.0	0.0	0.0	0.0	0.0	2.1	3.2	5.3	6.3	7.4
	87.5°	0.0	1.1	2.1	3.2	4.2	6.3	8.4	10.5	11.6	12.6
	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: P1049147

CATALOG NUMBER: GALN-SA3C-830-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
60.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.2	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											
1.1											
4.2											
9.5											
13.7											
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REPORT NUMBER: P1049147

CATALOG NUMBER: GALN-SA3C-830-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
0.0	2.5°	74.6	74.6	74.6	74.6	73.5	73.5	73.5	72.5	72.5	71.4
0.0	5°	68.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	68.3	68.3
0.0	7.5°	63.0	64.1	65.1	65.1	66.2	66.2	66.2	65.1	65.1	64.1
0.0	10°	59.9	60.9	60.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
0.0	12.5°	55.7	56.7	57.8	57.8	58.8	58.8	58.8	58.8	57.8	57.8
0.0	15°	50.4	52.5	53.6	54.6	54.6	55.7	55.7	55.7	55.7	55.7
0.0	17.5°	46.2	48.3	49.4	50.4	50.4	51.5	51.5	52.5	52.5	52.5
0.0	20°	37.8	39.9	41.0	43.1	44.1	45.2	46.2	47.3	47.3	48.3
0.0	22.5°	29.4	31.5	32.6	34.7	35.7	36.8	37.8	38.9	39.9	41.0
0.0	25°	21.0	23.1	24.2	26.3	27.3	28.4	29.4	30.5	30.5	31.5
0.0	27.5°	11.6	13.7	15.8	16.8	18.9	20.0	21.0	22.1	23.1	24.2
0.0	30°	5.3	6.3	7.4	9.5	10.5	11.6	12.6	14.7	15.8	16.8
0.0	32.5°	0.0	0.0	1.1	3.2	4.2	5.3	6.3	7.4	7.4	8.4
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.1	3.2	4.2
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°	2.1	2.1	2.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2
	82.5°	5.3	6.3	7.4	7.4	8.4	8.4	8.4	8.4	7.4	7.4
	85°	10.5	11.6	12.6	12.6	13.7	13.7	13.7	13.7	13.7	13.7
	87.5°	14.7	15.8	16.8	16.8	17.9	17.9	17.9	17.9	17.9	17.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049147

CATALOG NUMBER: GALN-SA3C-830-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
60.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	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											
3.2											
7.4											
13.7											
17.9											
0.0											
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REPORT NUMBER: P1049147

CATALOG NUMBER: GALN-SA3C-830-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°	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
0.0	2.5°	70.4	70.4	69.3	69.3	69.3	69.3	69.3	70.4	71.4	71.4
0.0	5°	67.2	67.2	66.2	66.2	66.2	67.2	67.2	68.3	69.3	70.4
0.0	7.5°	64.1	63.0	63.0	64.1	64.1	65.1	65.1	66.2	67.2	68.3
0.0	10°	62.0	60.9	60.9	60.9	62.0	62.0	63.0	64.1	65.1	66.2
0.0	12.5°	57.8	57.8	57.8	57.8	58.8	58.8	59.9	60.9	63.0	64.1
0.0	15°	55.7	54.6	54.6	54.6	54.6	55.7	55.7	57.8	59.9	60.9
0.0	17.5°	51.5	51.5	50.4	50.4	51.5	51.5	52.5	54.6	56.7	57.8
0.0	20°	47.3	46.2	45.2	45.2	46.2	46.2	47.3	49.4	51.5	52.5
0.0	22.5°	41.0	39.9	39.9	39.9	39.9	41.0	41.0	43.1	46.2	48.3
0.0	25°	32.6	33.6	33.6	34.7	34.7	35.7	36.8	38.9	42.0	44.1
0.0	27.5°	25.2	26.3	26.3	28.4	29.4	30.5	31.5	34.7	37.8	39.9
0.0	30°	18.9	20.0	21.0	22.1	24.2	26.3	28.4	31.5	34.7	36.8
0.0	32.5°	11.6	13.7	14.7	16.8	18.9	21.0	23.1	26.3	30.5	33.6
0.0	35°	8.4	9.5	11.6	12.6	14.7	16.8	18.9	23.1	26.3	30.5
0.0	37.5°	4.2	6.3	8.4	10.5	12.6	14.7	16.8	21.0	25.2	28.4
0.0	40°	3.2	5.3	6.3	8.4	11.6	13.7	15.8	20.0	24.2	28.4
0.0	42.5°	2.1	3.2	4.2	7.4	9.5	12.6	15.8	20.0	24.2	28.4
0.0	45°	2.1	2.1	3.2	6.3	9.5	13.7	16.8	21.0	24.2	28.4
0.0	47.5°	2.1	3.2	4.2	8.4	10.5	13.7	16.8	20.0	24.2	27.3
0.0	50°	3.2	4.2	5.3	9.5	11.6	14.7	16.8	21.0	24.2	28.4
0.0	52.5°	2.1	3.2	4.2	8.4	11.6	15.8	18.9	23.1	27.3	30.5
0.0	55°	1.1	1.1	1.1	6.3	12.6	17.9	24.2	27.3	31.5	34.7
0.0	57.5°	0.0	0.0	0.0	4.2	12.6	20.0	27.3	31.5	35.7	38.9
0.0	60°	0.0	0.0	0.0	4.2	12.6	20.0	27.3	32.6	37.8	43.1
0.0	62.5°	0.0	0.0	0.0	4.2	10.5	16.8	23.1	31.5	41.0	49.4
0.0	65°	0.0	0.0	0.0	3.2	8.4	13.7	18.9	31.5	44.1	55.7
0.0	67.5°	0.0	0.0	0.0	3.2	8.4	12.6	17.9	31.5	44.1	57.8
	70°	0.0	0.0	0.0	3.2	8.4	13.7	18.9	31.5	44.1	56.7
	72.5°	0.0	0.0	0.0	3.2	9.5	14.7	21.0	31.5	42.0	52.5
	75°	0.0	0.0	0.0	4.2	9.5	15.8	22.1	31.5	41.0	49.4
	77.5°	0.0	0.0	0.0	3.2	9.5	14.7	21.0	30.5	39.9	48.3
	80°	3.2	2.1	2.1	5.3	9.5	13.7	17.9	27.3	37.8	47.3
	82.5°	6.3	6.3	5.3	7.4	9.5	12.6	15.8	24.2	33.6	42.0
	85°	12.6	12.6	11.6	12.6	12.6	13.7	14.7	18.9	23.1	27.3
	87.5°	16.8	16.8	15.8	15.8	15.8	14.7	14.7	14.7	14.7	13.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049147

CATALOG NUMBER: GALN-SA3C-830-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
60.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.3											
63.0											
58.8											
57.8											
56.7											
50.4											
31.5											
13.7											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049147

CATALOG NUMBER: GALN-SA3C-830-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
0.0	2.5°	73.5	74.6	74.6	75.6	76.7	77.7	77.7	78.8	78.8	78.8
0.0	5°	72.5	74.6	75.6	76.7	77.7	78.8	79.8	80.9	82.0	82.0
0.0	7.5°	71.4	72.5	74.6	75.6	77.7	78.8	80.9	82.0	83.0	84.1
0.0	10°	69.3	71.4	73.5	75.6	77.7	79.8	82.0	84.1	86.2	87.2
0.0	12.5°	67.2	70.4	72.5	74.6	77.7	80.9	83.0	86.2	88.3	90.4
0.0	15°	66.2	68.3	71.4	73.5	77.7	82.0	85.1	89.3	93.5	96.7
0.0	17.5°	63.0	67.2	70.4	73.5	77.7	83.0	87.2	91.4	97.7	104.0
0.0	20°	58.8	62.0	66.2	69.3	75.6	80.9	87.2	92.5	101.9	111.4
0.0	22.5°	54.6	58.8	62.0	66.2	73.5	79.8	87.2	93.5	109.3	124.0
0.0	25°	50.4	55.7	59.9	64.1	72.5	80.9	89.3	97.7	124.0	150.2
0.0	27.5°	48.3	52.5	57.8	62.0	72.5	84.1	94.6	105.1	147.1	188.1
0.0	30°	45.2	50.4	54.6	59.9	73.5	87.2	100.9	114.5	178.6	242.7
0.0	32.5°	42.0	47.3	52.5	57.8	75.6	93.5	110.3	128.2	212.2	295.2
0.0	35°	38.9	45.2	50.4	55.7	78.8	103.0	126.1	149.2	242.7	335.2
0.0	37.5°	37.8	44.1	49.4	54.6	79.8	104.0	129.2	153.4	245.9	338.3
0.0	40°	38.9	44.1	50.4	55.7	76.7	97.7	117.7	138.7	235.3	331.0
0.0	42.5°	38.9	45.2	51.5	57.8	74.6	91.4	108.2	125.0	232.2	339.4
0.0	45°	37.8	44.1	50.4	56.7	72.5	87.2	103.0	117.7	251.1	383.5
0.0	47.5°	36.8	43.1	49.4	55.7	71.4	87.2	103.0	118.7	324.6	529.5
0.0	50°	36.8	43.1	48.3	53.6	72.5	92.5	111.4	130.3	472.8	814.2
0.0	52.5°	38.9	44.1	48.3	52.5	74.6	97.7	119.8	141.8	601.0	1059.0
0.0	55°	42.0	45.2	49.4	52.5	79.8	106.1	133.4	159.7	639.8	1120.0
0.0	57.5°	46.2	49.4	52.5	55.7	89.3	122.9	155.5	189.1	643.0	1095.8
0.0	60°	51.5	55.7	58.8	62.0	97.7	134.5	170.2	205.9	582.1	957.1
0.0	62.5°	63.0	68.3	72.5	77.7	112.4	146.0	180.7	214.3	483.3	752.3
0.0	65°	72.5	76.7	80.9	85.1	118.7	153.4	187.0	220.6	409.8	598.9
0.0	67.5°	74.6	78.8	82.0	86.2	120.8	155.5	189.1	223.8	350.9	477.0
	70°	75.6	80.9	87.2	92.5	128.2	163.9	198.6	234.3	311.0	387.7
	72.5°	72.5	83.0	92.5	101.9	135.5	168.1	201.7	234.3	288.9	343.6
	75°	72.5	87.2	100.9	114.5	139.7	163.9	189.1	213.3	255.3	297.3
	77.5°	76.7	95.6	114.5	133.4	148.1	161.8	176.5	190.2	217.5	244.8
	80°	76.7	96.7	115.6	135.5	141.8	149.2	155.5	161.8	165.0	168.1
	82.5°	66.2	82.0	97.7	113.5	106.1	98.8	91.4	84.1	78.8	72.5
	85°	33.6	36.8	38.9	41.0	37.8	34.7	31.5	28.4	26.3	23.1
	87.5°	13.7	13.7	12.6	12.6	12.6	12.6	11.6	11.6	11.6	11.6
	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: P1049147

CATALOG NUMBER: GALN-SA3C-830-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
60.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
223.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
311.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
421.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
526.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
597.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
651.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
705.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
810.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1020.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1555.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2381.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2998.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3066.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2767.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2366.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1849.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1397.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1031.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
730.2											
543.2											
395.0											
297.3											
167.1											
75.6											
22.1											
10.5											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1049147

CATALOG NUMBER: GALN-SA3C-830-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°	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
0.0	2.5°	78.8	77.7	77.7	76.7	75.6	74.6	73.5	72.5	71.4	70.4
0.0	5°	82.0	82.0	82.0	80.9	80.9	79.8	79.8	78.8	77.7	76.7
0.0	7.5°	85.1	86.2	86.2	87.2	87.2	87.2	87.2	86.2	86.2	86.2
0.0	10°	90.4	91.4	92.5	93.5	94.6	95.6	95.6	96.7	96.7	96.7
0.0	12.5°	96.7	99.8	101.9	105.1	107.2	110.3	112.4	115.6	117.7	119.8
0.0	15°	106.1	111.4	117.7	122.9	128.2	135.5	143.9	151.3	158.6	170.2
0.0	17.5°	119.8	136.6	153.4	169.2	186.0	222.7	259.5	295.2	332.0	385.6
0.0	20°	146.0	196.5	245.9	296.3	345.7	474.9	603.1	732.3	860.5	998.1
0.0	22.5°	204.9	328.9	452.8	576.8	700.8	970.8	1239.8	1509.8	1778.7	2095.0
0.0	25°	297.3	525.3	753.3	980.3	1208.2	1630.6	2054.0	2476.4	2898.7	3309.5
0.0	27.5°	432.9	781.7	1130.5	1478.3	1827.1	2399.7	2973.3	3545.9	4118.5	4582.9
0.0	30°	599.9	1072.7	1545.5	2018.3	2491.1	3142.5	3793.9	4444.2	5095.6	5603.1
0.0	32.5°	757.5	1336.4	1915.3	2493.2	3072.1	3813.8	4556.6	5298.4	6040.2	6594.9
0.0	35°	860.5	1560.2	2261.0	2960.7	3660.4	4463.1	5265.8	6067.5	6870.2	7503.7
0.0	37.5°	963.4	1771.4	2578.3	3386.2	4193.1	5074.6	5956.1	6837.6	7719.1	8501.8
0.0	40°	1079.0	2026.7	2973.3	3921.0	4867.6	5912.0	6955.3	7999.6	9042.9	10147.1
0.0	42.5°	1279.7	2450.1	3621.6	4792.0	5962.4	7344.0	8725.6	10106.1	11487.7	13063.7
0.0	45°	1656.9	3306.4	4956.9	6606.5	8256.0	10086.2	11917.5	13747.7	15577.9	17675.0
0.0	47.5°	2580.4	4849.8	7118.1	9387.5	11655.8	13632.1	15607.3	17583.6	19558.8	21647.5
0.0	50°	3948.3	6589.6	9231.0	11871.2	14512.6	16300.7	18087.9	19876.1	21663.2	23650.0
0.0	52.5°	4938.0	7689.7	10442.4	13194.0	15945.6	17559.4	19174.3	20788.1	22401.8	24258.3
0.0	55°	5012.6	7748.5	10485.4	13221.3	15957.2	17578.3	19199.5	20820.6	22441.8	24409.6
0.0	57.5°	4437.9	7151.7	9864.5	12578.3	15291.1	17137.1	18982.0	20828.0	22672.9	24800.5
0.0	60°	3775.0	6489.8	9203.6	11918.5	14632.3	16758.8	18886.4	21012.9	23139.4	25132.5
0.0	62.5°	2945.0	5737.6	8531.2	11323.8	14116.5	16275.5	18434.6	20592.6	22751.7	24246.8
0.0	65°	2194.8	4906.5	7618.2	10328.9	13040.6	14770.0	16499.3	18227.6	19957.0	20882.6
0.0	67.5°	1586.5	3925.2	6262.9	8601.6	10939.3	12177.0	13414.6	14651.2	15888.9	16597.0
	70°	1072.7	2692.8	4311.8	5931.9	7551.0	8568.0	9586.1	10603.1	11620.1	12576.2
	72.5°	742.8	1652.7	2563.6	3473.4	4383.3	5406.6	6428.9	7452.2	8474.5	9486.3
	75°	492.8	906.7	1321.7	1735.7	2149.6	2907.1	3665.7	4423.2	5180.7	5783.8
	77.5°	349.9	473.8	598.9	722.8	846.8	988.7	1131.5	1273.4	1415.2	1630.6
	80°	166.0	181.8	197.5	212.2	228.0	279.5	331.0	382.4	433.9	488.5
	82.5°	78.8	85.1	91.4	96.7	103.0	108.2	113.5	118.7	124.0	118.7
	85°	21.0	21.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	21.0
	87.5°	9.5	9.5	9.5	9.5	9.5	9.5	9.5	8.4	8.4	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
60.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
438.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1136.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2411.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3720.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5047.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6111.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7150.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8137.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9285.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11251.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14639.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19772.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23736.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25636.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26114.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26378.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26928.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27124.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25742.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21809.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17306.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13531.2											
10498.0											
6386.9											
1846.0											
543.2											
112.4											
20.0											
7.4											
0.0											
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CATALOG NUMBER: GALN-SA3C-830-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
0.0	2.5°	68.3	67.2	66.2	65.1	64.1	62.0	62.0	60.9	60.9
0.0	5°	74.6	73.5	72.5	71.4	71.4	70.4	69.3	69.3	68.3
0.0	7.5°	85.1	84.1	83.0	82.0	82.0	80.9	80.9	79.8	79.8
0.0	10°	97.7	97.7	97.7	97.7	97.7	96.7	96.7	96.7	95.6
0.0	12.5°	122.9	124.0	126.1	128.2	131.3	131.3	131.3	130.3	130.3
0.0	15°	194.4	205.9	214.3	222.7	230.1	246.9	244.8	241.6	239.5
0.0	17.5°	491.7	544.2	572.6	599.9	628.3	706.0	693.4	680.8	669.3
0.0	20°	1274.4	1412.1	1503.5	1594.9	1687.3	1833.4	1797.7	1761.9	1726.2
0.0	22.5°	2726.4	3042.7	3180.3	3317.9	3454.5	3631.0	3516.5	3402.0	3288.5
0.0	25°	4130.1	4540.9	4773.1	5005.3	5236.4	5337.3	5188.1	5037.8	4888.6
0.0	27.5°	5511.7	5976.1	6180.9	6384.8	6589.6	6800.8	6615.9	6429.9	6245.0
0.0	30°	6619.1	7126.5	7348.2	7568.8	7790.5	7937.6	7746.4	7554.1	7362.9
0.0	32.5°	7705.4	8260.2	8502.9	8745.6	8987.2	9198.4	8963.0	8726.7	8491.3
0.0	35°	8769.7	9403.3	9737.4	10071.5	10405.6	10602.1	10322.6	10042.1	9762.6
0.0	37.5°	10068.3	10851.1	11225.1	11599.1	11973.1	12331.4	12023.6	11714.7	11406.8
0.0	40°	12355.6	13459.8	14033.5	14608.2	15181.8	15644.1	15255.4	14866.6	14477.9
0.0	42.5°	16215.6	17791.6	18616.4	19440.1	20264.8	20986.6	20577.9	20169.2	19760.5
0.0	45°	21869.2	23966.2	24971.7	25976.1	26981.6	27509.0	26920.7	26331.3	25742.9
0.0	47.5°	25823.8	27912.5	28807.6	29702.8	30597.9	31199.9	30480.2	29760.6	29041.9
0.0	50°	27622.5	29609.3	30507.6	31404.8	32303.1	32781.2	31950.1	31118.0	30286.9
0.0	52.5°	27970.3	29826.7	30898.4	31971.1	33042.8	33681.6	32700.3	31717.9	30736.6
0.0	55°	28346.4	30314.2	31557.2	32801.1	34044.0	34928.7	33819.2	32708.7	31599.2
0.0	57.5°	29054.5	31182.1	32421.8	33660.5	34900.3	35651.5	34538.9	33425.2	32312.6
0.0	60°	29117.6	31109.6	32174.9	33241.3	34306.7	34779.5	33715.2	32649.8	31585.5
0.0	62.5°	27238.0	28733.0	29472.7	30212.3	30952.0	31465.7	30355.2	29243.6	28133.1
0.0	65°	22734.9	23660.5	24249.9	24839.3	25428.7	26041.3	25024.2	24007.2	22990.2
0.0	67.5°	18014.3	18722.5	19498.9	20275.3	21051.8	21706.3	20892.1	20076.8	19262.5
	70°	14487.3	15442.4	16315.5	17188.5	18061.6	18597.5	17780.1	16961.6	16144.2
	72.5°	11509.8	12521.6	13250.7	13978.8	14708.0	14839.3	14238.3	13637.4	13037.4
	75°	6988.9	7592.0	7606.7	7620.3	7635.0	7760.1	7262.1	6764.0	6267.1
	77.5°	2061.4	2276.7	2454.3	2630.8	2808.4	3022.7	2839.9	2656.0	2473.2
	80°	596.8	651.4	697.6	742.8	789.0	761.7	718.6	675.6	632.5
	82.5°	107.2	100.9	99.8	98.8	98.8	93.5	85.1	76.7	68.3
	85°	18.9	17.9	16.8	15.8	14.7	13.7	11.6	10.5	8.4
	87.5°	6.3	5.3	4.2	3.2	3.2	1.1	1.1	1.1	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: P1049147

CATALOG NUMBER: GALN-SA3C-830-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°	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
0.0	0.0	2.5°	59.9	58.8	58.8	58.8	58.8	57.8	57.8	57.8	57.8
0.0	0.0	5°	66.2	66.2	65.1	65.1	64.1	64.1	63.0	63.0	62.0
0.0	0.0	7.5°	77.7	76.7	75.6	74.6	73.5	71.4	70.4	69.3	69.3
0.0	0.0	10°	93.5	91.4	90.4	88.3	87.2	85.1	83.0	80.9	78.8
0.0	0.0	12.5°	122.9	118.7	115.6	111.4	107.2	104.0	99.8	96.7	92.5
0.0	0.0	15°	213.3	202.8	191.2	177.6	162.8	149.2	134.5	126.1	116.6
0.0	0.0	17.5°	545.3	490.7	435.0	389.8	344.6	300.5	255.3	222.7	190.2
0.0	0.0	20°	1387.9	1236.6	1085.3	936.1	785.9	636.7	486.4	410.8	335.2
0.0	0.0	22.5°	2611.9	2331.4	2049.8	1777.7	1504.5	1232.4	960.3	789.0	618.8
0.0	0.0	25°	4031.3	3678.3	3325.3	2877.7	2429.1	1981.5	1533.9	1255.5	977.1
0.0	0.0	27.5°	5245.9	4839.3	4432.7	3888.4	3344.2	2800.0	2255.7	1840.7	1426.8
0.0	0.0	30°	6297.6	5860.5	5423.4	4789.9	4156.3	3522.8	2889.3	2370.3	1851.2
0.0	0.0	32.5°	7209.5	6686.3	6163.1	5509.6	4856.1	4202.6	3549.1	2912.4	2275.7
0.0	0.0	35°	8261.2	7650.8	7039.3	6314.4	5588.4	4863.4	4138.5	3419.8	2700.2
0.0	0.0	37.5°	9597.6	8848.5	8098.4	7290.4	6482.5	5675.6	4867.6	4046.0	3224.4
0.0	0.0	40°	12156.0	11189.4	10222.8	9196.3	8168.8	7142.3	6115.8	5107.2	4098.6
0.0	0.0	42.5°	16739.9	15434.0	14128.0	12762.2	11395.3	10029.5	8662.6	7240.0	5816.4
0.0	0.0	45°	21913.3	20293.2	18672.1	17139.2	15605.2	14072.3	12539.4	10587.3	8635.2
0.0	0.0	47.5°	24822.5	23073.2	21323.9	19872.9	18422.0	16971.1	15520.1	13415.7	11311.2
0.0	0.0	50°	25893.1	24112.3	22331.4	20996.1	19659.7	18324.3	16987.9	14880.3	12771.6
0.0	0.0	52.5°	26121.1	24304.6	22488.0	21144.2	19800.4	18457.7	17113.9	15020.0	12926.1
0.0	0.0	55°	26589.7	24640.8	22690.8	21158.9	19627.1	18095.2	16563.4	14435.9	12308.3
0.0	0.0	57.5°	27202.2	25203.9	23205.6	21460.5	19715.3	17971.3	16226.2	13900.0	11573.9
0.0	0.0	60°	27041.5	25302.7	23562.8	21693.7	19823.6	17954.5	16084.3	13526.0	10966.6
0.0	0.0	62.5°	24251.0	22866.2	21480.4	19943.3	18405.2	16868.1	15331.0	12697.0	10063.1
0.0	0.0	65°	19950.7	18940.0	17929.2	16692.6	15455.0	14218.4	12981.8	10619.9	8259.1
0.0	0.0	67.5°	16169.4	15030.5	13890.6	12905.1	11918.5	10933.0	9946.5	8087.9	6229.3
		70°	12846.2	11607.5	10367.8	9405.4	8441.9	7479.5	6517.1	5281.6	4047.1
		72.5°	10201.8	9084.9	7968.1	6941.6	5914.1	4887.6	3860.1	3129.9	2399.7
		75°	4876.0	4429.5	3983.0	3446.1	2909.2	2372.4	1835.5	1517.1	1199.8
		77.5°	1807.1	1566.5	1324.9	1106.3	887.8	670.3	451.8	414.0	376.1
		80°	467.5	407.7	346.7	303.6	259.5	216.4	173.4	156.5	140.8
		82.5°	53.6	49.4	46.2	44.1	41.0	38.9	35.7	32.6	29.4
		85°	3.2	2.1	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: P1049147

CATALOG NUMBER: GALN-SA3C-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049147

CATALOG NUMBER: GALN-SA3C-830-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	60.9	60.9
0.0	0.0	2.5°	56.7	55.7
0.0	0.0	5°	59.9	58.8
0.0	0.0	7.5°	66.2	64.1
0.0	0.0	10°	72.5	70.4
0.0	0.0	12.5°	82.0	78.8
0.0	0.0	15°	92.5	86.2
0.0	0.0	17.5°	110.3	96.7
0.0	0.0	20°	149.2	114.5
0.0	0.0	22.5°	210.1	142.9
0.0	0.0	25°	308.9	197.5
0.0	0.0	27.5°	429.7	262.7
0.0	0.0	30°	571.6	328.9
0.0	0.0	32.5°	696.6	391.9
0.0	0.0	35°	859.4	456.0
0.0	0.0	37.5°	1060.1	537.9
0.0	0.0	40°	1371.1	661.9
0.0	0.0	42.5°	1931.1	890.9
0.0	0.0	45°	3136.2	1540.2
0.0	0.0	47.5°	4825.6	2547.8
0.0	0.0	50°	5903.6	3251.7
0.0	0.0	52.5°	5991.8	3246.5
0.0	0.0	55°	5469.7	2886.1
0.0	0.0	57.5°	4667.0	2412.3
0.0	0.0	60°	3879.0	1908.0
0.0	0.0	62.5°	3056.3	1317.5
0.0	0.0	65°	2233.7	931.9
0.0	0.0	67.5°	1604.3	696.6
		70°	1054.8	533.7
		72.5°	687.1	435.0
		75°	462.3	360.4
		77.5°	270.0	239.5
		80°	95.6	84.1
		82.5°	17.9	12.6
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049147

CATALOG NUMBER: GALN-SA3C-830-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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-9
 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-830-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3055
 CIE u' : 0.2475
 CIE v' : 0.5247
 Duv: 0.0032
 CIE x: 0.4377
 CIE y: 0.4124
 CIE z: 0.1499
 Peak Wavelength (nm): 604
 Dominant Wavelength (nm): 581
 Purity: 55.16339
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 80.9
 R1: 79.5
 R2: 85.6
 R3: 92.1
 R4: 82.4
 R5: 78.9
 R6: 81.7
 R7: 85.1
 R8: 61.9
 R9: 6.8
 R10: 67.1
 R11: 82.5
 R12: 63.4
 R13: 80.2
 R14: 95.1
 R15: 71.7



Test Conditions

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

REPORT NUMBER: SP1-2407-184-9

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: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.28

λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.33

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 80.9$
 $R_9 = 6.8$



Color Vector Graphics

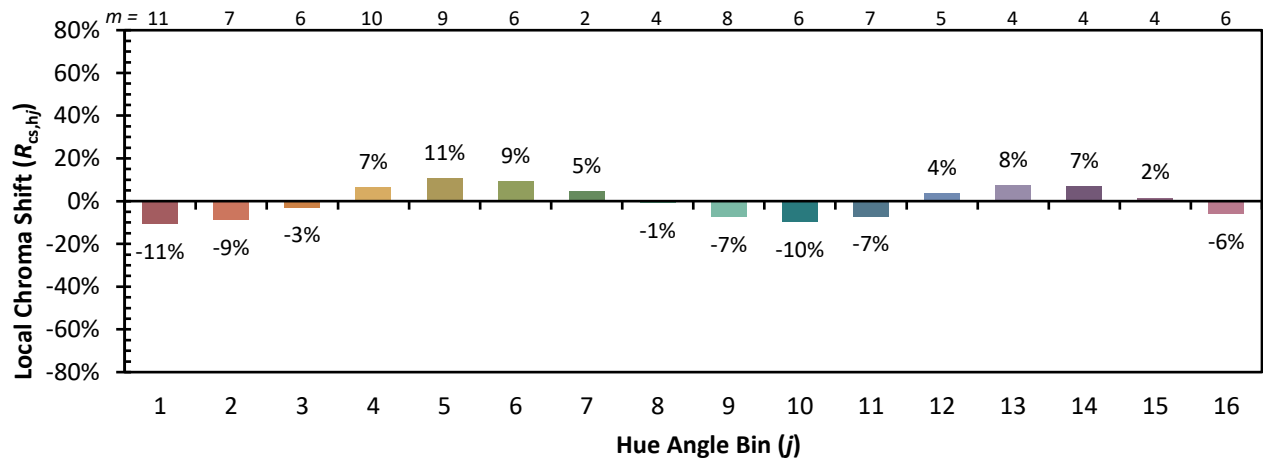


Individual Sample Fidelity Index ($R_{f,i}$)

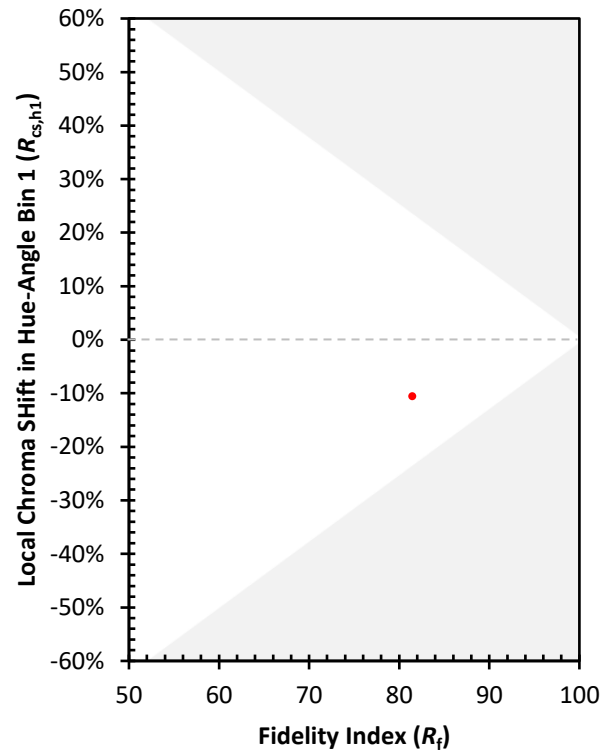
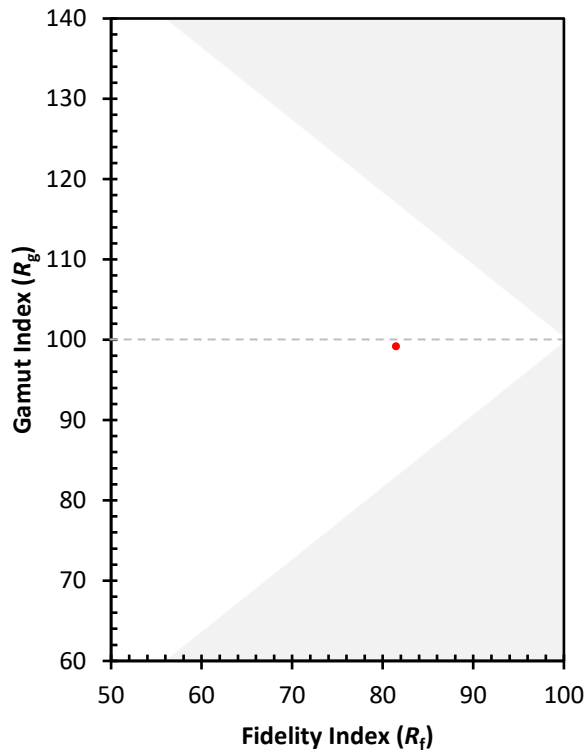
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)