

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: P1049158

Luminaire Tested: **GALN-SA6B-830-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049158
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6B-830-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 6xLight Square PACKAGE
80CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (84) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21875.1 lumens
Efficiency: N/A
Efficacy: 102.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 213.8
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

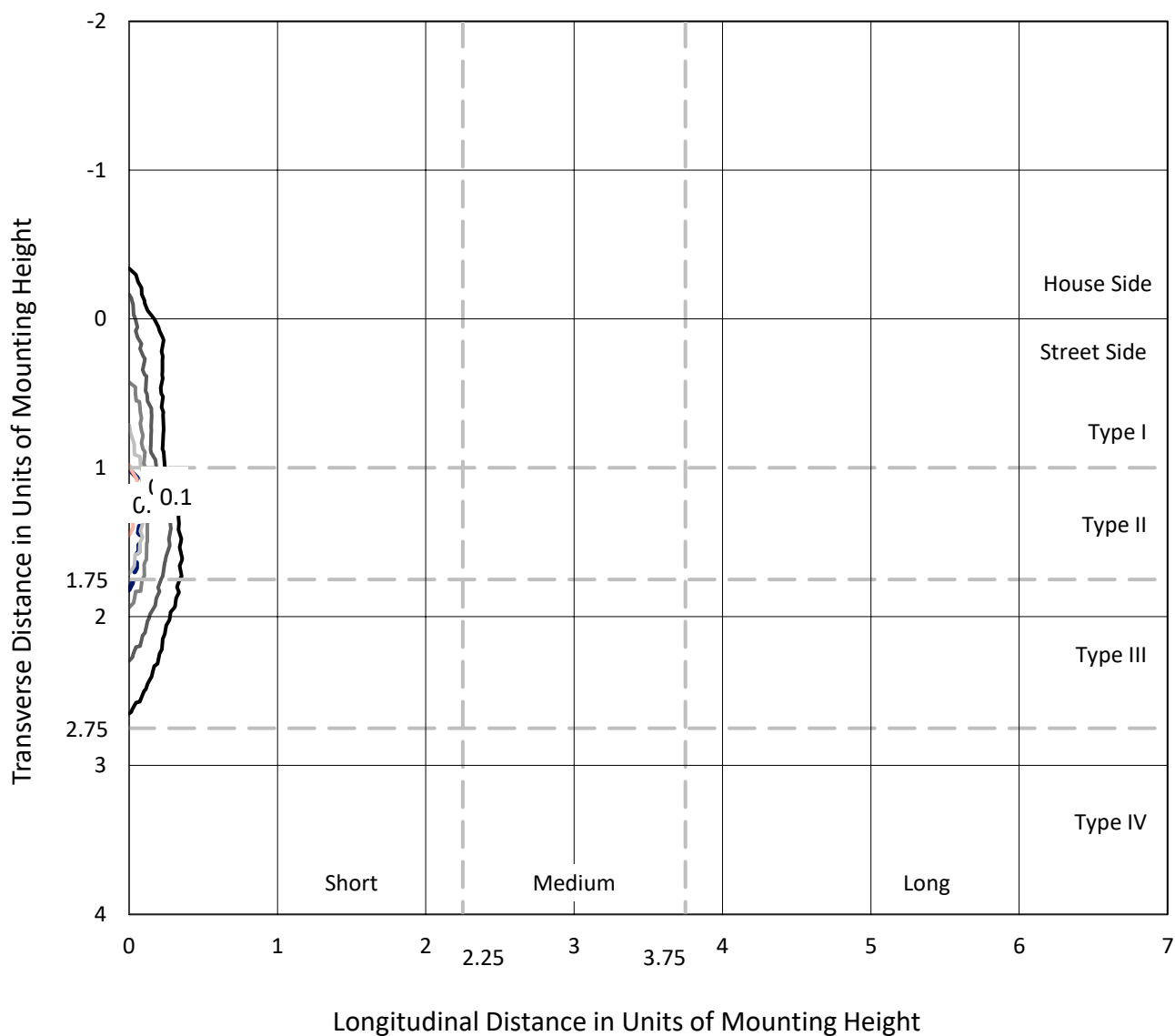
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

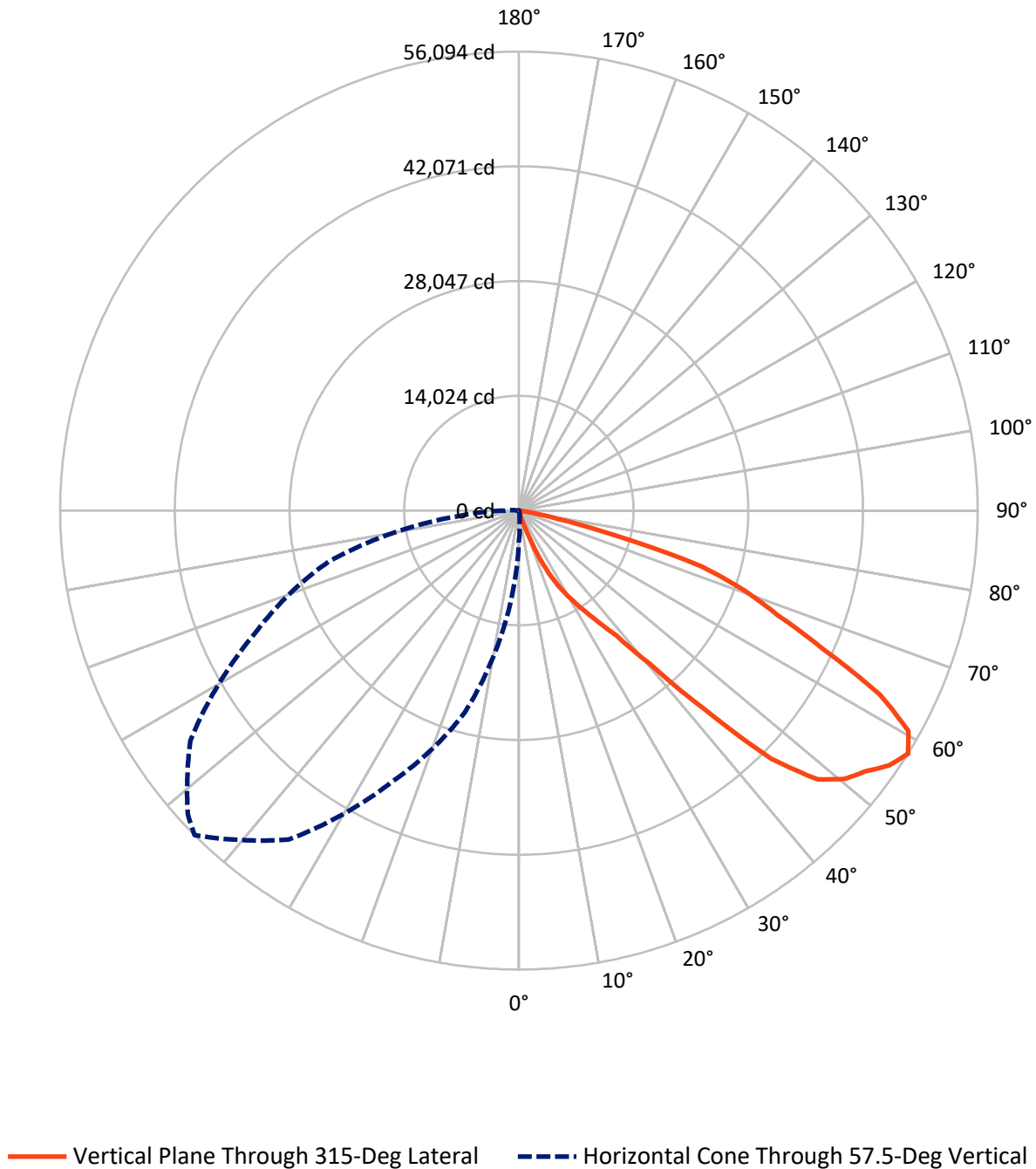


Based on 20 foot mounting height. Maximum calculated value = 3.2 fc

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	109.5	0.0	109.5
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	21765.5	0.0	21765.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	21875.1	0.0	21875.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.6	0.0
10°-20°	48.1	0.2
20°-30°	518.4	2.4
30°-40°	1533.0	7.0
40°-50°	4568.8	20.9
50°-60°	7244.5	33.1
60°-70°	6047.4	27.6
70°-80°	1864.8	8.5
80°-90°	41.5	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°	21875.1	100.0
0°-180°	21875.1	100.0



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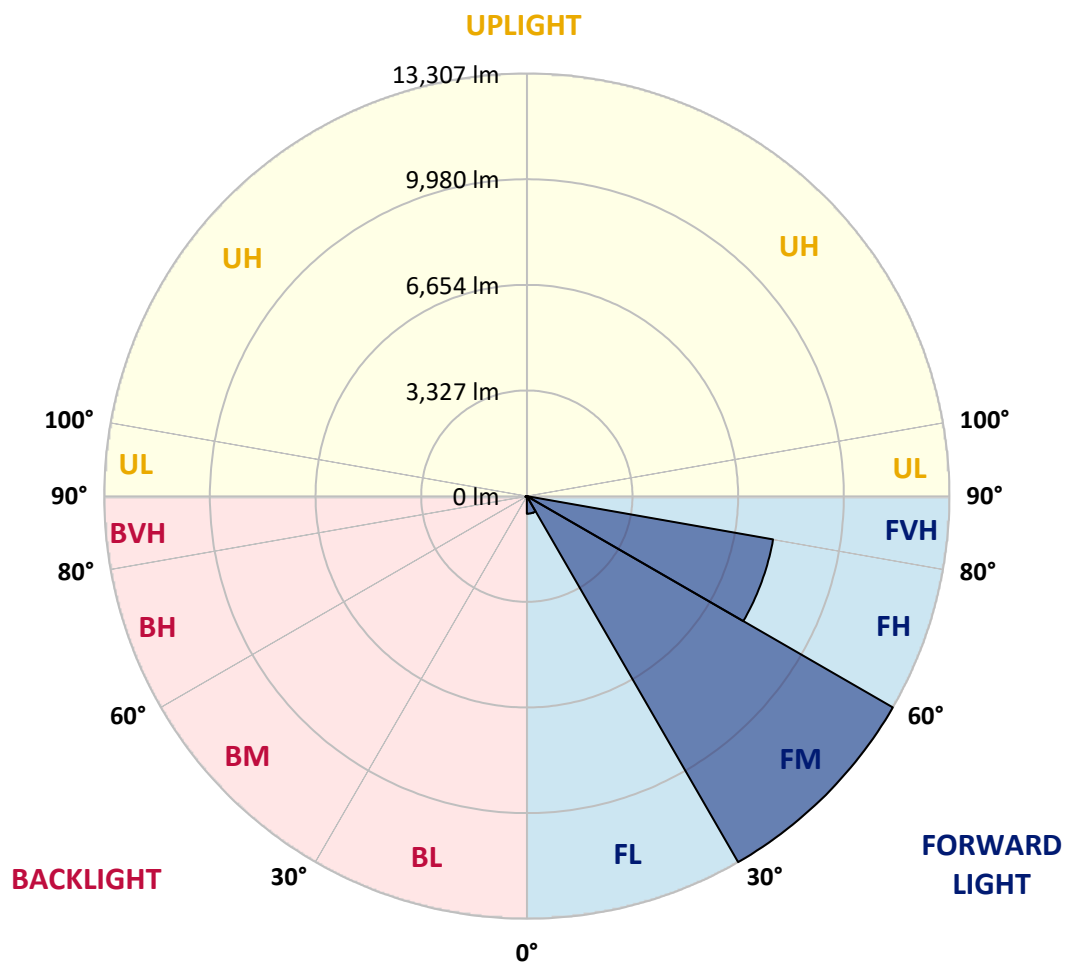
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	554.9	2.5			
FM	(30°-60°)	13307.2	60.8			
FH	(60°-80°)	7871.3	36.0			G4/12000
FVH	(80°-90°)	32.1	0.1			G1/100
BL	(0°-30°)	20.1	0.1	B0/110		
BM	(30°-60°)	39.2	0.2	B0/220		
BH	(60°-80°)	40.9	0.2	B0/110		G0/110
BVH	(80°-90°)	9.4	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-G4

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°	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
2.5°	87.6	87.6	87.6	87.6	86.0	86.0	84.3	84.3	82.7	82.7
5°	92.6	92.6	90.9	89.3	89.3	87.6	86.0	84.3	84.3	82.7
7.5°	100.8	99.2	97.5	95.9	92.6	90.9	87.6	86.0	84.3	81.0
10°	110.8	107.5	104.1	100.8	97.5	94.2	90.9	89.3	86.0	84.3
12.5°	124.0	119.0	112.4	107.5	104.1	99.2	95.9	92.6	87.6	84.3
15°	135.6	128.9	120.7	114.1	109.1	102.5	97.5	92.6	89.3	84.3
17.5°	152.1	140.5	127.3	119.0	112.4	104.1	95.9	90.9	86.0	79.3
20°	180.2	157.0	132.2	122.3	112.4	102.5	92.6	86.0	81.0	74.4
22.5°	224.8	185.1	145.5	130.6	117.4	102.5	89.3	82.7	76.0	69.4
25°	310.8	239.7	168.6	148.8	128.9	109.1	89.3	81.0	74.4	66.1
27.5°	413.3	307.5	200.0	171.9	145.5	117.4	89.3	79.3	71.1	61.2
30°	517.4	376.9	234.7	198.4	162.0	125.6	89.3	77.7	67.8	56.2
32.5°	616.6	441.4	264.5	221.5	178.5	133.9	90.9	77.7	64.5	51.2
35°	717.4	494.3	269.5	224.8	180.2	133.9	89.3	74.4	61.2	46.3
37.5°	846.4	553.8	259.5	214.9	171.9	127.3	84.3	71.1	57.9	43.0
40°	1041.4	653.0	264.5	218.2	171.9	125.6	79.3	66.1	54.6	41.3
42.5°	1401.8	844.7	286.0	233.1	180.2	125.6	72.7	61.2	51.2	39.7
45°	2423.4	1403.5	383.5	304.2	224.8	145.5	66.1	56.2	47.9	38.0
47.5°	4008.7	2349.0	689.3	532.3	376.9	219.9	64.5	56.2	47.9	38.0
50°	5116.3	2992.1	867.9	667.8	467.8	267.8	67.8	57.9	49.6	39.7
52.5°	5108.0	3038.4	967.1	742.2	519.1	294.2	71.1	61.2	52.9	43.0
55°	4541.0	2764.0	985.2	757.1	530.6	302.5	76.0	66.1	56.2	46.3
57.5°	3795.5	2347.4	899.3	695.9	494.3	290.9	87.6	76.0	66.1	54.6
60°	3002.0	1851.5	700.9	553.8	408.3	261.2	115.7	100.8	87.6	72.7
62.5°	2073.0	1342.3	611.6	491.0	371.9	251.3	132.2	117.4	104.1	89.3
65°	1466.3	1010.0	552.1	449.6	348.8	246.3	143.8	127.3	112.4	95.9
67.5°	1096.0	803.4	509.1	421.5	333.9	246.3	158.7	138.9	120.7	100.8
70°	839.8	659.6	477.7	406.7	337.2	266.1	195.1	167.0	140.5	112.4
72.5°	684.4	563.7	441.4	390.1	338.9	287.6	236.4	200.0	163.7	125.6
75°	567.0	482.7	398.4	355.4	314.1	271.1	228.1	195.1	163.7	130.6
77.5°	376.9	343.8	309.1	284.3	259.5	233.1	208.3	180.2	153.7	125.6
80°	132.2	127.3	122.3	132.2	142.2	152.1	162.0	142.2	124.0	104.1
82.5°	19.8	18.2	16.5	18.2	19.8	21.5	23.1	24.8	26.4	28.1
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°	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
0.0	2.5°	81.0	81.0	79.3	79.3	79.3	77.7	77.7	76.0	76.0	76.0
0.0	5°	79.3	79.3	77.7	76.0	74.4	74.4	72.7	71.1	71.1	69.4
0.0	7.5°	77.7	76.0	74.4	72.7	71.1	69.4	67.8	66.1	66.1	64.5
0.0	10°	79.3	76.0	74.4	71.1	69.4	67.8	64.5	62.8	61.2	61.2
0.0	12.5°	76.0	74.4	71.1	67.8	66.1	62.8	61.2	57.9	56.2	56.2
0.0	15°	76.0	72.7	67.8	64.5	61.2	59.5	56.2	52.9	51.2	49.6
0.0	17.5°	71.1	67.8	62.8	59.5	56.2	52.9	49.6	46.3	44.6	43.0
0.0	20°	64.5	61.2	56.2	51.2	47.9	44.6	41.3	38.0	36.4	34.7
0.0	22.5°	57.9	54.6	49.6	44.6	41.3	38.0	33.1	29.8	28.1	24.8
0.0	25°	54.6	49.6	44.6	39.7	34.7	31.4	26.4	21.5	18.2	14.9
0.0	27.5°	46.3	41.3	36.4	31.4	26.4	21.5	16.5	11.6	8.3	6.6
0.0	30°	39.7	34.7	29.8	24.8	18.2	13.2	8.3	1.7	1.7	1.7
0.0	32.5°	33.1	28.1	21.5	16.5	13.2	8.3	5.0	0.0	0.0	0.0
0.0	35°	26.4	21.5	14.9	9.9	8.3	5.0	3.3	0.0	0.0	0.0
0.0	37.5°	23.1	18.2	11.6	5.0	3.3	3.3	1.7	0.0	0.0	0.0
0.0	40°	21.5	14.9	8.3	1.7	1.7	1.7	0.0	0.0	0.0	0.0
0.0	42.5°	21.5	14.9	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	21.5	14.9	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	21.5	14.9	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	23.1	16.5	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	26.4	19.8	13.2	6.6	5.0	3.3	1.7	0.0	0.0	0.0
0.0	55°	33.1	29.8	24.8	21.5	16.5	11.6	5.0	0.0	0.0	0.0
0.0	57.5°	43.0	43.0	41.3	39.7	29.8	19.8	9.9	0.0	0.0	0.0
0.0	60°	57.9	57.9	57.9	57.9	43.0	29.8	14.9	0.0	0.0	0.0
0.0	62.5°	71.1	67.8	62.8	59.5	44.6	29.8	14.9	0.0	0.0	0.0
0.0	65°	71.1	64.5	56.2	47.9	36.4	24.8	11.6	0.0	0.0	0.0
0.0	67.5°	66.1	52.9	38.0	24.8	18.2	13.2	6.6	0.0	0.0	0.0
	70°	66.1	46.3	26.4	6.6	5.0	3.3	1.7	0.0	0.0	0.0
	72.5°	66.1	44.6	21.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	72.7	49.6	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	72.7	49.6	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	64.5	43.0	21.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	21.5	14.9	6.6	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):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
0.0	2.5°	74.4	74.4	74.4	72.7	72.7	72.7	72.7	71.1	71.1	71.1
0.0	5°	67.8	67.8	66.1	66.1	64.5	64.5	62.8	62.8	61.2	61.2
0.0	7.5°	62.8	61.2	61.2	59.5	57.9	57.9	56.2	56.2	54.6	52.9
0.0	10°	57.9	56.2	56.2	54.6	52.9	51.2	51.2	49.6	47.9	46.3
0.0	12.5°	52.9	51.2	49.6	47.9	46.3	44.6	44.6	43.0	41.3	39.7
0.0	15°	46.3	44.6	43.0	41.3	39.7	38.0	38.0	36.4	34.7	33.1
0.0	17.5°	39.7	38.0	38.0	36.4	34.7	33.1	31.4	28.1	26.4	24.8
0.0	20°	29.8	28.1	26.4	24.8	23.1	19.8	18.2	14.9	11.6	9.9
0.0	22.5°	19.8	16.5	14.9	11.6	8.3	6.6	5.0	1.7	0.0	0.0
0.0	25°	6.6	5.0	3.3	1.7	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-SA6B-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049158

CATALOG NUMBER: GALN-SA6B-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°	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
0.0	2.5°	69.4	69.4	69.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8
0.0	5°	59.5	59.5	59.5	57.9	57.9	56.2	56.2	56.2	54.6	54.6
0.0	7.5°	51.2	49.6	49.6	47.9	47.9	46.3	46.3	46.3	44.6	44.6
0.0	10°	43.0	41.3	41.3	39.7	39.7	38.0	38.0	36.4	36.4	34.7
0.0	12.5°	38.0	36.4	34.7	33.1	33.1	31.4	29.8	29.8	28.1	26.4
0.0	15°	29.8	28.1	26.4	24.8	23.1	21.5	19.8	19.8	18.2	16.5
0.0	17.5°	19.8	16.5	14.9	13.2	13.2	11.6	9.9	8.3	6.6	5.0
0.0	20°	5.0	3.3	1.7	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-SA6B-830-U-RBC

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CATALOG NUMBER: GALN-SA6B-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°	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
0.0	2.5°	67.8	66.1	66.1	66.1	67.8	67.8	67.8	67.8	67.8	67.8
0.0	5°	54.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
0.0	7.5°	44.6	43.0	43.0	43.0	43.0	41.3	41.3	41.3	41.3	41.3
0.0	10°	34.7	33.1	33.1	33.1	33.1	31.4	31.4	31.4	31.4	31.4
0.0	12.5°	24.8	24.8	23.1	23.1	23.1	21.5	21.5	21.5	21.5	19.8
0.0	15°	14.9	13.2	11.6	11.6	11.6	9.9	9.9	9.9	9.9	8.3
0.0	17.5°	3.3	3.3	1.7	1.7	1.7	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049158

CATALOG NUMBER: GALN-SA6B-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°	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
0.0	2.5°	69.4	69.4	71.1	71.1	72.7	76.0	77.7	79.3	82.7	86.0
0.0	5°	54.6	56.2	56.2	57.9	59.5	61.2	62.8	64.5	67.8	71.1
0.0	7.5°	43.0	43.0	44.6	44.6	46.3	49.6	51.2	52.9	56.2	61.2
0.0	10°	33.1	33.1	34.7	34.7	36.4	39.7	41.3	43.0	46.3	51.2
0.0	12.5°	21.5	23.1	23.1	24.8	26.4	29.8	31.4	33.1	36.4	39.7
0.0	15°	9.9	11.6	11.6	13.2	14.9	18.2	19.8	21.5	24.8	29.8
0.0	17.5°	1.7	1.7	3.3	3.3	5.0	6.6	8.3	9.9	14.9	18.2
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	6.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049158

CATALOG NUMBER: GALN-SA6B-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°	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
0.0	2.5°	90.9	94.2	97.5	100.8	104.1	107.5	109.1	112.4	114.1	115.7
0.0	5°	77.7	81.0	86.0	89.3	92.6	95.9	99.2	100.8	102.5	104.1
0.0	7.5°	67.8	71.1	76.0	79.3	82.7	86.0	89.3	92.6	94.2	95.9
0.0	10°	57.9	62.8	66.1	71.1	74.4	77.7	81.0	84.3	87.6	89.3
0.0	12.5°	46.3	51.2	56.2	59.5	64.5	69.4	72.7	76.0	79.3	82.7
0.0	15°	36.4	41.3	46.3	49.6	54.6	59.5	64.5	67.8	71.1	74.4
0.0	17.5°	26.4	31.4	36.4	39.7	44.6	49.6	52.9	57.9	61.2	64.5
0.0	20°	13.2	18.2	23.1	28.1	33.1	38.0	41.3	46.3	49.6	52.9
0.0	22.5°	1.7	6.6	11.6	14.9	19.8	24.8	28.1	33.1	36.4	39.7
0.0	25°	0.0	1.7	5.0	6.6	8.3	11.6	14.9	18.2	21.5	24.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.7	3.3	6.6	9.9	13.2
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
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	1.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7	3.3
	85°	0.0	0.0	0.0	0.0	0.0	3.3	5.0	8.3	9.9	11.6
	87.5°	0.0	1.7	3.3	5.0	6.6	9.9	13.2	16.5	18.2	19.8
	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: P1049158

CATALOG NUMBER: GALN-SA6B-830-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
95.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.0	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											
1.7											
6.6											
14.9											
21.5											
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REPORT NUMBER: P1049158

CATALOG NUMBER: GALN-SA6B-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°	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
0.0	2.5°	117.4	117.4	117.4	117.4	115.7	115.7	115.7	114.1	114.1	112.4
0.0	5°	107.5	109.1	109.1	109.1	109.1	109.1	109.1	109.1	107.5	107.5
0.0	7.5°	99.2	100.8	102.5	102.5	104.1	104.1	104.1	102.5	102.5	100.8
0.0	10°	94.2	95.9	95.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5
0.0	12.5°	87.6	89.3	90.9	90.9	92.6	92.6	92.6	92.6	90.9	90.9
0.0	15°	79.3	82.7	84.3	86.0	86.0	87.6	87.6	87.6	87.6	87.6
0.0	17.5°	72.7	76.0	77.7	79.3	79.3	81.0	81.0	82.7	82.7	82.7
0.0	20°	59.5	62.8	64.5	67.8	69.4	71.1	72.7	74.4	74.4	76.0
0.0	22.5°	46.3	49.6	51.2	54.6	56.2	57.9	59.5	61.2	62.8	64.5
0.0	25°	33.1	36.4	38.0	41.3	43.0	44.6	46.3	47.9	47.9	49.6
0.0	27.5°	18.2	21.5	24.8	26.4	29.8	31.4	33.1	34.7	36.4	38.0
0.0	30°	8.3	9.9	11.6	14.9	16.5	18.2	19.8	23.1	24.8	26.4
0.0	32.5°	0.0	0.0	1.7	5.0	6.6	8.3	9.9	11.6	11.6	13.2
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.3	5.0	6.6
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°	3.3	3.3	3.3	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	82.5°	8.3	9.9	11.6	11.6	13.2	13.2	13.2	13.2	11.6	11.6
	85°	16.5	18.2	19.8	19.8	21.5	21.5	21.5	21.5	21.5	21.5
	87.5°	23.1	24.8	26.4	26.4	28.1	28.1	28.1	28.1	28.1	28.1
	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: P1049158

CATALOG NUMBER: GALN-SA6B-830-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
95.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
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0.0											
5.0											
11.6											
21.5											
28.1											
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REPORT NUMBER: P1049158

CATALOG NUMBER: GALN-SA6B-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°	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
0.0	2.5°	110.8	110.8	109.1	109.1	109.1	109.1	109.1	110.8	112.4	112.4
0.0	5°	105.8	105.8	104.1	104.1	104.1	105.8	105.8	107.5	109.1	110.8
0.0	7.5°	100.8	99.2	99.2	100.8	100.8	102.5	102.5	104.1	105.8	107.5
0.0	10°	97.5	95.9	95.9	95.9	97.5	97.5	99.2	100.8	102.5	104.1
0.0	12.5°	90.9	90.9	90.9	90.9	92.6	92.6	94.2	95.9	99.2	100.8
0.0	15°	87.6	86.0	86.0	86.0	86.0	87.6	87.6	90.9	94.2	95.9
0.0	17.5°	81.0	81.0	79.3	79.3	81.0	81.0	82.7	86.0	89.3	90.9
0.0	20°	74.4	72.7	71.1	71.1	72.7	72.7	74.4	77.7	81.0	82.7
0.0	22.5°	64.5	62.8	62.8	62.8	62.8	64.5	64.5	67.8	72.7	76.0
0.0	25°	51.2	52.9	52.9	54.6	54.6	56.2	57.9	61.2	66.1	69.4
0.0	27.5°	39.7	41.3	41.3	44.6	46.3	47.9	49.6	54.6	59.5	62.8
0.0	30°	29.8	31.4	33.1	34.7	38.0	41.3	44.6	49.6	54.6	57.9
0.0	32.5°	18.2	21.5	23.1	26.4	29.8	33.1	36.4	41.3	47.9	52.9
0.0	35°	13.2	14.9	18.2	19.8	23.1	26.4	29.8	36.4	41.3	47.9
0.0	37.5°	6.6	9.9	13.2	16.5	19.8	23.1	26.4	33.1	39.7	44.6
0.0	40°	5.0	8.3	9.9	13.2	18.2	21.5	24.8	31.4	38.0	44.6
0.0	42.5°	3.3	5.0	6.6	11.6	14.9	19.8	24.8	31.4	38.0	44.6
0.0	45°	3.3	3.3	5.0	9.9	14.9	21.5	26.4	33.1	38.0	44.6
0.0	47.5°	3.3	5.0	6.6	13.2	16.5	21.5	26.4	31.4	38.0	43.0
0.0	50°	5.0	6.6	8.3	14.9	18.2	23.1	26.4	33.1	38.0	44.6
0.0	52.5°	3.3	5.0	6.6	13.2	18.2	24.8	29.8	36.4	43.0	47.9
0.0	55°	1.7	1.7	1.7	9.9	19.8	28.1	38.0	43.0	49.6	54.6
0.0	57.5°	0.0	0.0	0.0	6.6	19.8	31.4	43.0	49.6	56.2	61.2
0.0	60°	0.0	0.0	0.0	6.6	19.8	31.4	43.0	51.2	59.5	67.8
0.0	62.5°	0.0	0.0	0.0	6.6	16.5	26.4	36.4	49.6	64.5	77.7
0.0	65°	0.0	0.0	0.0	5.0	13.2	21.5	29.8	49.6	69.4	87.6
0.0	67.5°	0.0	0.0	0.0	5.0	13.2	19.8	28.1	49.6	69.4	90.9
	70°	0.0	0.0	0.0	5.0	13.2	21.5	29.8	49.6	69.4	89.3
	72.5°	0.0	0.0	0.0	5.0	14.9	23.1	33.1	49.6	66.1	82.7
	75°	0.0	0.0	0.0	6.6	14.9	24.8	34.7	49.6	64.5	77.7
	77.5°	0.0	0.0	0.0	5.0	14.9	23.1	33.1	47.9	62.8	76.0
	80°	5.0	3.3	3.3	8.3	14.9	21.5	28.1	43.0	59.5	74.4
	82.5°	9.9	9.9	8.3	11.6	14.9	19.8	24.8	38.0	52.9	66.1
	85°	19.8	19.8	18.2	19.8	19.8	21.5	23.1	29.8	36.4	43.0
	87.5°	26.4	26.4	24.8	24.8	24.8	23.1	23.1	23.1	23.1	21.5
	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

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
95.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.1											
99.2											
92.6											
90.9											
89.3											
79.3											
49.6											
21.5											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA6B-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°	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
0.0	2.5°	115.7	117.4	117.4	119.0	120.7	122.3	122.3	124.0	124.0	124.0
0.0	5°	114.1	117.4	119.0	120.7	122.3	124.0	125.6	127.3	128.9	128.9
0.0	7.5°	112.4	114.1	117.4	119.0	122.3	124.0	127.3	128.9	130.6	132.2
0.0	10°	109.1	112.4	115.7	119.0	122.3	125.6	128.9	132.2	135.6	137.2
0.0	12.5°	105.8	110.8	114.1	117.4	122.3	127.3	130.6	135.6	138.9	142.2
0.0	15°	104.1	107.5	112.4	115.7	122.3	128.9	133.9	140.5	147.1	152.1
0.0	17.5°	99.2	105.8	110.8	115.7	122.3	130.6	137.2	143.8	153.7	163.7
0.0	20°	92.6	97.5	104.1	109.1	119.0	127.3	137.2	145.5	160.3	175.2
0.0	22.5°	86.0	92.6	97.5	104.1	115.7	125.6	137.2	147.1	171.9	195.1
0.0	25°	79.3	87.6	94.2	100.8	114.1	127.3	140.5	153.7	195.1	236.4
0.0	27.5°	76.0	82.7	90.9	97.5	114.1	132.2	148.8	165.3	231.4	295.9
0.0	30°	71.1	79.3	86.0	94.2	115.7	137.2	158.7	180.2	281.0	381.9
0.0	32.5°	66.1	74.4	82.7	90.9	119.0	147.1	173.6	201.7	333.9	464.5
0.0	35°	61.2	71.1	79.3	87.6	124.0	162.0	198.4	234.7	381.9	527.3
0.0	37.5°	59.5	69.4	77.7	86.0	125.6	163.7	203.3	241.3	386.8	532.3
0.0	40°	61.2	69.4	79.3	87.6	120.7	153.7	185.1	218.2	370.3	520.7
0.0	42.5°	61.2	71.1	81.0	90.9	117.4	143.8	170.3	196.7	365.3	533.9
0.0	45°	59.5	69.4	79.3	89.3	114.1	137.2	162.0	185.1	395.1	603.4
0.0	47.5°	57.9	67.8	77.7	87.6	112.4	137.2	162.0	186.8	510.8	833.2
0.0	50°	57.9	67.8	76.0	84.3	114.1	145.5	175.2	205.0	743.9	1281.1
0.0	52.5°	61.2	69.4	76.0	82.7	117.4	153.7	188.5	223.2	945.6	1666.3
0.0	55°	66.1	71.1	77.7	82.7	125.6	167.0	209.9	251.3	1006.7	1762.2
0.0	57.5°	72.7	77.7	82.7	87.6	140.5	193.4	244.7	297.6	1011.7	1724.2
0.0	60°	81.0	87.6	92.6	97.5	153.7	211.6	267.8	324.0	915.8	1506.0
0.0	62.5°	99.2	107.5	114.1	122.3	176.9	229.8	284.3	337.2	760.4	1183.6
0.0	65°	114.1	120.7	127.3	133.9	186.8	241.3	294.2	347.1	644.7	942.3
0.0	67.5°	117.4	124.0	128.9	135.6	190.1	244.7	297.6	352.1	552.1	750.5
	70°	119.0	127.3	137.2	145.5	201.7	257.9	312.4	368.6	489.3	610.0
	72.5°	114.1	130.6	145.5	160.3	213.2	264.5	317.4	368.6	454.6	540.6
	75°	114.1	137.2	158.7	180.2	219.9	257.9	297.6	335.6	401.7	467.8
	77.5°	120.7	150.4	180.2	209.9	233.1	254.6	277.7	299.2	342.2	385.2
	80°	120.7	152.1	181.8	213.2	223.2	234.7	244.7	254.6	259.5	264.5
	82.5°	104.1	128.9	153.7	178.5	167.0	155.4	143.8	132.2	124.0	114.1
	85°	52.9	57.9	61.2	64.5	59.5	54.6	49.6	44.6	41.3	36.4
	87.5°	21.5	21.5	19.8	19.8	19.8	19.8	18.2	18.2	18.2	18.2
	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):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
95.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
203.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
259.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
352.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
489.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
662.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
828.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
940.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1024.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1109.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1274.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1605.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2446.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3747.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4717.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4825.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4354.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3722.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2909.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2198.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1623.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1148.9											
854.6											
621.6											
467.8											
262.8											
119.0											
34.7											
16.5											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA6B-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°	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
0.0	2.5°	124.0	122.3	122.3	120.7	119.0	117.4	115.7	114.1	112.4	110.8
0.0	5°	128.9	128.9	128.9	127.3	127.3	125.6	125.6	124.0	122.3	120.7
0.0	7.5°	133.9	135.6	135.6	137.2	137.2	137.2	137.2	135.6	135.6	135.6
0.0	10°	142.2	143.8	145.5	147.1	148.8	150.4	150.4	152.1	152.1	152.1
0.0	12.5°	152.1	157.0	160.3	165.3	168.6	173.6	176.9	181.8	185.1	188.5
0.0	15°	167.0	175.2	185.1	193.4	201.7	213.2	226.5	238.0	249.6	267.8
0.0	17.5°	188.5	214.9	241.3	266.1	292.6	350.5	408.3	464.5	522.4	606.7
0.0	20°	229.8	309.1	386.8	466.2	543.9	747.2	948.9	1152.2	1353.9	1570.4
0.0	22.5°	322.4	517.4	712.5	907.5	1102.6	1527.4	1950.6	2375.5	2798.7	3296.2
0.0	25°	467.8	826.5	1185.3	1542.3	1901.0	2565.6	3231.8	3896.3	4560.9	5207.2
0.0	27.5°	681.1	1229.9	1778.7	2325.9	2874.7	3775.6	4678.2	5579.1	6480.1	7210.7
0.0	30°	943.9	1687.8	2431.7	3175.6	3919.5	4944.4	5969.3	6992.5	8017.4	8815.9
0.0	32.5°	1191.9	2102.7	3013.6	3922.8	4833.6	6000.7	7169.4	8336.5	9503.6	10376.4
0.0	35°	1353.9	2454.8	3557.4	4658.4	5759.3	7022.3	8285.2	9546.5	10809.5	11806.3
0.0	37.5°	1515.9	2787.1	4056.7	5327.9	6597.4	7984.4	9371.3	10758.3	12145.2	13376.7
0.0	40°	1697.7	3188.8	4678.2	6169.3	7658.7	9301.9	10943.4	12586.6	14228.1	15965.5
0.0	42.5°	2013.5	3855.0	5698.2	7539.7	9381.2	11555.0	13728.8	15901.0	18074.8	20554.4
0.0	45°	2606.9	5202.2	7799.2	10394.6	12989.9	15869.6	18750.9	21630.6	24510.2	27809.8
0.0	47.5°	4060.0	7630.6	11199.6	14770.3	18339.3	21448.7	24556.5	27666.0	30773.8	34060.1
0.0	50°	6212.3	10368.1	14524.0	18678.2	22834.0	25647.5	28459.4	31273.0	34084.9	37210.9
0.0	52.5°	7769.5	12098.9	16430.0	20759.4	25088.8	27627.9	30168.7	32707.9	35247.0	38168.0
0.0	55°	7886.8	12191.5	16497.7	20802.4	25107.0	27657.7	30208.4	32759.1	35309.8	38406.0
0.0	57.5°	6982.6	11252.5	15520.8	19790.7	24058.9	26963.4	29866.2	32770.7	35673.5	39021.0
0.0	60°	5939.5	10211.1	14481.0	18752.5	23022.5	26368.3	29715.8	33061.6	36407.5	39543.3
0.0	62.5°	4633.6	9027.5	13423.0	17816.9	22210.8	25607.9	29005.0	32400.4	35797.5	38149.8
0.0	65°	3453.3	7719.9	11986.5	16251.4	20518.0	23239.0	25960.0	28679.3	31400.3	32856.6
0.0	67.5°	2496.2	6175.9	9854.0	13533.8	17211.9	19159.2	21106.5	23052.2	24999.5	26113.7
	70°	1687.8	4236.8	6784.2	9333.3	11880.7	13480.9	15082.7	16682.9	18283.1	19787.4
	72.5°	1168.7	2600.3	4033.5	5465.1	6896.7	8506.8	10115.2	11725.3	13333.8	14925.7
	75°	775.3	1426.6	2079.6	2730.9	3382.2	4574.1	5767.6	6959.5	8151.3	9100.2
	77.5°	550.5	745.5	942.3	1137.3	1332.4	1555.5	1780.4	2003.5	2226.7	2565.6
	80°	261.2	286.0	310.8	333.9	358.7	439.7	520.7	601.7	682.7	768.7
	82.5°	124.0	133.9	143.8	152.1	162.0	170.3	178.5	186.8	195.1	186.8
	85°	33.1	33.1	34.7	34.7	34.7	34.7	34.7	34.7	34.7	33.1
	87.5°	14.9	14.9	14.9	14.9	14.9	14.9	14.9	13.2	13.2	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
95.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
287.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
689.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1788.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3793.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5853.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7941.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9616.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11250.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12803.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14609.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17702.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23034.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31109.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37346.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40336.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41089.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41503.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42368.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42677.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40503.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34314.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27229.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21290.0											
16517.6											
10049.1											
2904.5											
854.6											
176.9											
31.4											
11.6											
0.0											
0.0											
0.0											
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0.0											

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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
0.0	2.5°	107.5	105.8	104.1	102.5	100.8	97.5	97.5	95.9	95.9
0.0	5°	117.4	115.7	114.1	112.4	112.4	110.8	109.1	109.1	107.5
0.0	7.5°	133.9	132.2	130.6	128.9	128.9	127.3	127.3	125.6	125.6
0.0	10°	153.7	153.7	153.7	153.7	153.7	152.1	152.1	152.1	150.4
0.0	12.5°	193.4	195.1	198.4	201.7	206.6	206.6	206.6	205.0	205.0
0.0	15°	305.8	324.0	337.2	350.5	362.0	388.5	385.2	380.2	376.9
0.0	17.5°	773.6	856.3	900.9	943.9	988.5	1110.9	1091.0	1071.2	1053.0
0.0	20°	2005.2	2221.7	2365.6	2509.4	2654.8	2884.6	2828.4	2772.2	2716.0
0.0	22.5°	4289.7	4787.3	5003.9	5220.4	5435.3	5713.0	5532.9	5352.7	5174.1
0.0	25°	6498.3	7144.6	7509.9	7875.3	8239.0	8397.7	8162.9	7926.5	7691.8
0.0	27.5°	8672.1	9402.7	9725.1	10045.8	10368.1	10700.4	10409.5	10116.9	9825.9
0.0	30°	10414.4	11212.8	11561.6	11908.8	12257.6	12489.0	12188.2	11885.7	11584.8
0.0	32.5°	12123.7	12996.5	13378.4	13760.2	14140.5	14472.7	14102.4	13730.5	13360.2
0.0	35°	13798.3	14795.1	15320.8	15846.4	16372.1	16681.2	16241.5	15800.1	15360.4
0.0	37.5°	15841.5	17073.0	17661.5	18250.0	18838.5	19402.2	18917.9	18431.9	17947.5
0.0	40°	19440.2	21177.6	22080.2	22984.4	23887.0	24614.4	24002.7	23391.1	22779.5
0.0	42.5°	25513.7	27993.3	29290.9	30587.0	31884.6	33020.3	32377.2	31734.2	31091.1
0.0	45°	34408.9	37708.4	39290.4	40870.8	42452.8	43282.6	42356.9	41429.5	40503.8
0.0	47.5°	40631.1	43917.4	45325.8	46734.2	48142.7	49089.9	47957.5	46825.2	45694.5
0.0	50°	43461.1	46587.1	48000.5	49412.2	50825.6	51577.8	50270.2	48960.9	47653.4
0.0	52.5°	44008.3	46929.3	48615.5	50303.3	51989.4	52994.5	51450.5	49904.9	48360.9
0.0	55°	44600.1	47696.3	49651.9	51609.2	53564.8	54956.7	53211.0	51463.7	49718.1
0.0	57.5°	45714.3	49061.8	51012.4	52961.4	54912.0	56094.0	54343.4	52591.1	50840.5
0.0	60°	45813.5	48947.7	50623.9	52301.8	53978.0	54721.9	53047.4	51371.1	49696.6
0.0	62.5°	42856.1	45208.5	46372.2	47536.0	48699.8	49508.1	47760.8	46011.9	44264.5
0.0	65°	35771.0	37227.4	38154.8	39082.1	40009.5	40973.3	39373.1	37772.9	36172.7
0.0	67.5°	28343.7	29457.9	30679.5	31901.2	33122.8	34152.7	32871.5	31588.7	30307.6
	70°	22794.3	24297.0	25670.7	27044.4	28418.1	29261.2	27975.1	26687.3	25401.2
	72.5°	18109.5	19701.4	20848.7	21994.2	23141.5	23348.1	22402.6	21457.0	20513.1
	75°	10996.3	11945.2	11968.3	11989.8	12012.9	12209.7	11426.1	10642.5	9860.6
	77.5°	3243.3	3582.2	3861.6	4139.3	4418.7	4755.9	4468.3	4179.0	3891.4
	80°	938.9	1024.9	1097.6	1168.7	1241.5	1198.5	1130.7	1062.9	995.2
	82.5°	168.6	158.7	157.0	155.4	155.4	147.1	133.9	120.7	107.5
	85°	29.8	28.1	26.4	24.8	23.1	21.5	18.2	16.5	13.2
	87.5°	9.9	8.3	6.6	5.0	5.0	1.7	1.7	1.7	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]



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CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
0.0	0.0	2.5°	94.2	92.6	92.6	92.6	92.6	90.9	90.9	90.9	90.9
0.0	0.0	5°	104.1	104.1	102.5	102.5	100.8	100.8	99.2	99.2	97.5
0.0	0.0	7.5°	122.3	120.7	119.0	117.4	115.7	112.4	110.8	109.1	109.1
0.0	0.0	10°	147.1	143.8	142.2	138.9	137.2	133.9	130.6	127.3	124.0
0.0	0.0	12.5°	193.4	186.8	181.8	175.2	168.6	163.7	157.0	152.1	145.5
0.0	0.0	15°	335.6	319.0	300.9	279.4	256.2	234.7	211.6	198.4	183.5
0.0	0.0	17.5°	857.9	772.0	684.4	613.3	542.2	472.8	401.7	350.5	299.2
0.0	0.0	20°	2183.7	1945.7	1707.6	1472.9	1236.5	1001.8	765.4	646.4	527.3
0.0	0.0	22.5°	4109.6	3668.2	3225.2	2797.0	2367.2	1939.1	1510.9	1241.5	973.7
0.0	0.0	25°	6342.9	5787.4	5232.0	4527.8	3821.9	3117.7	2413.5	1975.4	1537.4
0.0	0.0	27.5°	8253.8	7614.1	6974.3	6118.1	5261.8	4405.5	3549.2	2896.2	2244.9
0.0	0.0	30°	9908.6	9220.9	8533.2	7536.4	6539.6	5542.8	4546.0	3729.4	2912.7
0.0	0.0	32.5°	11343.4	10520.2	9697.0	8668.8	7640.5	6612.3	5584.1	4582.3	3580.6
0.0	0.0	35°	12998.2	12037.7	11075.6	9935.0	8792.7	7652.1	6511.5	5380.8	4248.4
0.0	0.0	37.5°	15100.9	13922.2	12741.9	11470.7	10199.5	8929.9	7658.7	6366.0	5073.3
0.0	0.0	40°	19126.1	17605.3	16084.5	14469.4	12852.7	11237.6	9622.6	8035.6	6448.7
0.0	0.0	42.5°	26338.5	24283.8	22229.0	20080.0	17929.3	15780.3	13629.7	11391.4	9151.5
0.0	0.0	45°	34478.3	31929.3	29378.6	26966.7	24553.2	22141.4	19729.5	16658.1	13586.7
0.0	0.0	47.5°	39055.7	36303.3	33550.9	31268.0	28985.1	26702.2	24419.3	21108.2	17797.1
0.0	0.0	50°	40740.2	37938.2	35136.2	33035.2	30932.4	28831.4	26728.7	23412.6	20094.9
0.0	0.0	52.5°	41098.9	38240.7	35382.5	33268.3	31154.0	29041.3	26927.0	23632.4	20337.9
0.0	0.0	55°	41836.2	38769.7	35701.6	33291.4	30881.2	28471.0	26060.8	22713.3	19365.8
0.0	0.0	57.5°	42799.9	39655.8	36511.6	33765.8	31020.1	28275.9	25530.2	21870.3	18210.3
0.0	0.0	60°	42547.0	39811.1	37073.6	34132.8	31190.3	28249.5	25307.0	21281.8	17254.9
0.0	0.0	62.5°	38156.4	35977.7	33797.2	31378.8	28958.7	26540.2	24121.8	19977.5	15833.2
0.0	0.0	65°	31390.4	29800.1	28209.8	26264.1	24316.8	22371.1	20425.5	16709.3	12994.9
0.0	0.0	67.5°	25440.9	23649.0	21855.4	20304.8	18752.5	17202.0	15649.7	12725.4	9801.1
		70°	20212.2	18263.2	16312.6	14798.4	13282.5	11768.3	10254.1	8310.0	6367.7
		72.5°	16051.4	14294.2	12537.0	10921.9	9305.2	7690.1	6073.4	4924.5	3775.6
		75°	7671.9	6969.4	6266.8	5422.1	4577.4	3732.7	2887.9	2387.0	1887.8
		77.5°	2843.3	2464.7	2084.5	1740.7	1396.9	1054.7	710.8	651.3	591.8
		80°	735.6	641.4	545.5	477.7	408.3	340.5	272.8	246.3	221.5
		82.5°	84.3	77.7	72.7	69.4	64.5	61.2	56.2	51.2	46.3
		85°	5.0	3.3	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: P1049158

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	95.9	95.9
0.0	0.0	2.5°	89.3	87.6
0.0	0.0	5°	94.2	92.6
0.0	0.0	7.5°	104.1	100.8
0.0	0.0	10°	114.1	110.8
0.0	0.0	12.5°	128.9	124.0
0.0	0.0	15°	145.5	135.6
0.0	0.0	17.5°	173.6	152.1
0.0	0.0	20°	234.7	180.2
0.0	0.0	22.5°	330.6	224.8
0.0	0.0	25°	486.0	310.8
0.0	0.0	27.5°	676.1	413.3
0.0	0.0	30°	899.3	517.4
0.0	0.0	32.5°	1096.0	616.6
0.0	0.0	35°	1352.2	717.4
0.0	0.0	37.5°	1668.0	846.4
0.0	0.0	40°	2157.3	1041.4
0.0	0.0	42.5°	3038.4	1401.8
0.0	0.0	45°	4934.4	2423.4
0.0	0.0	47.5°	7592.6	4008.7
0.0	0.0	50°	9288.7	5116.3
0.0	0.0	52.5°	9427.5	5108.0
0.0	0.0	55°	8605.9	4541.0
0.0	0.0	57.5°	7343.0	3795.5
0.0	0.0	60°	6103.2	3002.0
0.0	0.0	62.5°	4808.8	2073.0
0.0	0.0	65°	3514.4	1466.3
0.0	0.0	67.5°	2524.3	1096.0
		70°	1659.7	839.8
		72.5°	1081.1	684.4
		75°	727.4	567.0
		77.5°	424.8	376.9
		80°	150.4	132.2
		82.5°	28.1	19.8
		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: P1049158

CATALOG NUMBER: GALN-SA6B-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

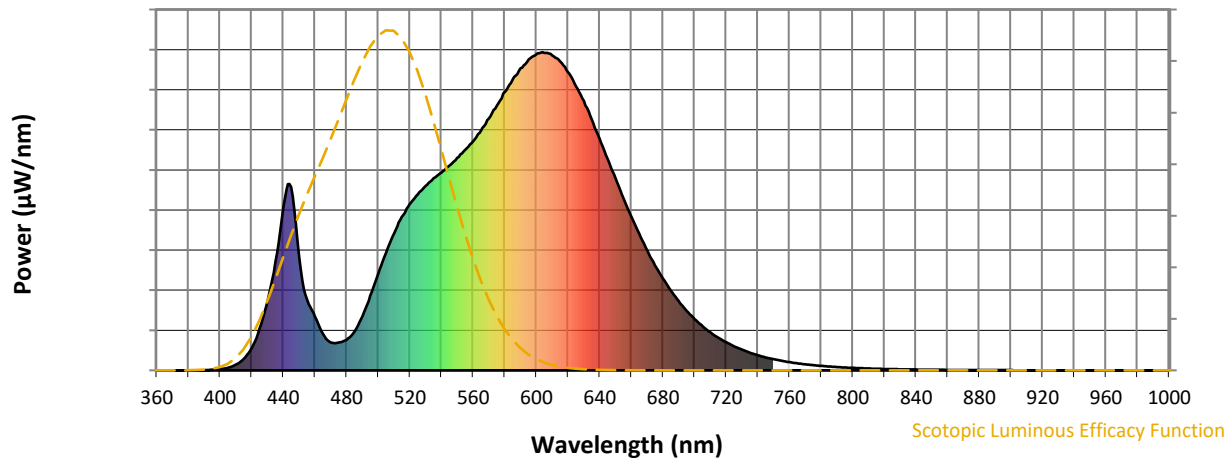


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength



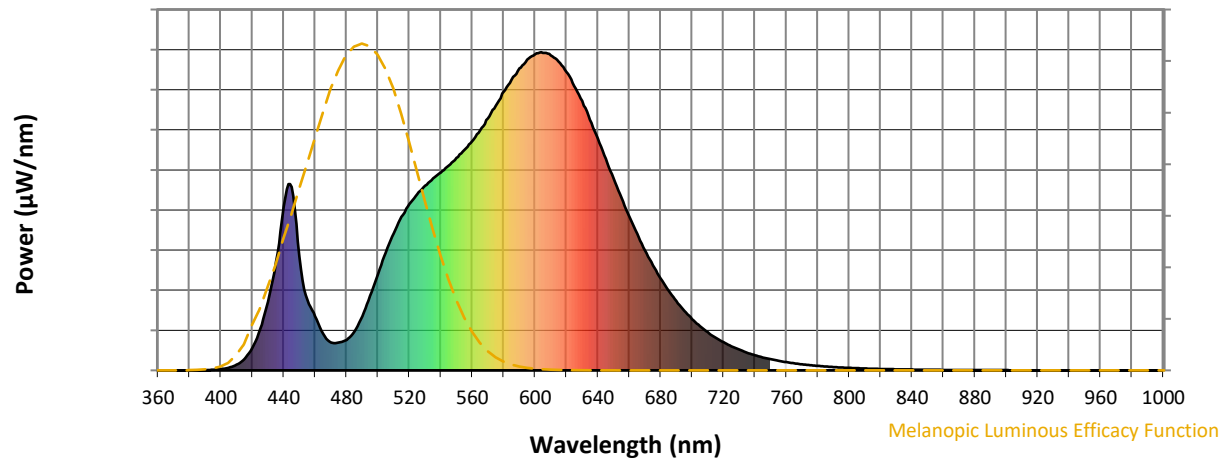
Scotopic Lumens: NR

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			

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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

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



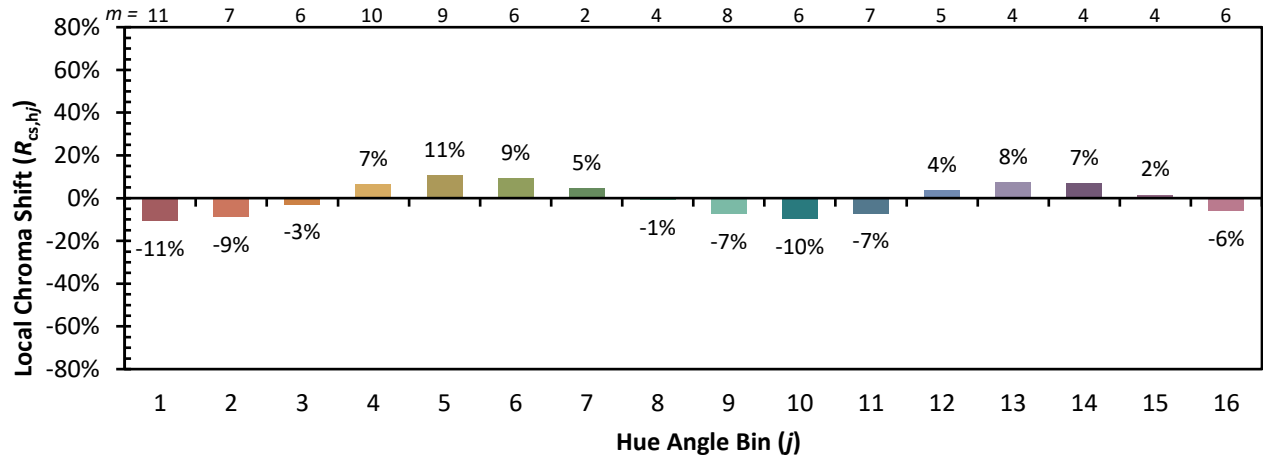
Color Vector Graphics



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)